

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132491.D
 Acq On : 21 Feb 2023 12:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2023
 Supervised By : Jagrut Upadhyay 02/22/2023

Quant Time: Feb 22 00:49:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 16:43:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	197000	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	706677	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	387508	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	730202	20.000	ng	0.00
76) Chrysene-d12	14.230	240	420703	20.000	ng	0.00
86) Perylene-d12	15.789	264	337150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	939463	76.414	ng	0.00
7) Phenol-d6	6.643	99	1228409	76.520	ng	0.00
23) Nitrobenzene-d5	7.590	82	1178476	80.128	ng	0.00
42) 2,4,6-Tribromophenol	10.866	330	333498	86.257	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1863194	74.252	ng	0.00
79) Terphenyl-d14	13.160	244	2115292	91.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.896	88	263020	39.547	ng	97
3) Pyridine	3.672	79	692539	38.361	ng	100
4) n-Nitrosodimethylamine	3.637	42	267200	37.486	ng	90
6) Aniline	6.684	93	875578	39.150	ng	99
8) 2-Chlorophenol	6.807	128	494848	39.427	ng	95
9) Benzaldehyde	6.572	77	302881	35.288	ng	99
10) Phenol	6.660	94	669965	39.380	ng	100
11) bis(2-Chloroethyl)ether	6.754	93	564057	39.087	ng	99
12) 1,3-Dichlorobenzene	6.960	146	528268	38.637	ng	98
13) 1,4-Dichlorobenzene	7.037	146	529926	38.853	ng	98
14) 1,2-Dichlorobenzene	7.195	146	485573	38.859	ng	98
15) Benzyl Alcohol	7.160	79	502302	42.301	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.290	45	775238	38.637	ng	98
17) 2-Methylphenol	7.266	107	471468	39.460	ng	99
18) Hexachloroethane	7.537	117	211913	41.149	ng	98
19) n-Nitroso-di-n-propyla...	7.431	70	389488	39.576	ng	100
20) 3+4-Methylphenols	7.419	107	569856	38.629	ng	91
22) Acetophenone	7.431	105	701593	38.307	ng	99
24) Nitrobenzene	7.607	77	640130	39.698	ng	99
25) Isophorone	7.842	82	1168272	40.425	ng	100
26) 2-Nitrophenol	7.919	139	283360	45.205	ng	100
27) 2,4-Dimethylphenol	7.954	122	464190m	41.015	ng	
28) bis(2-Chloroethoxy)met...	8.048	93	689460	40.824	ng	100
29) 2,4-Dichlorophenol	8.160	162	437434	40.969	ng	99
30) 1,2,4-Trichlorobenzene	8.248	180	475338	40.030	ng	96
31) Naphthalene	8.331	128	1423872	38.825	ng	99
32) Benzoic acid	8.072	122	336563m	42.196	ng	
33) 4-Chloroaniline	8.378	127	642907	42.194	ng	96
34) Hexachlorobutadiene	8.442	225	315802	42.126	ng	98
35) Caprolactam	8.760	113	143109	41.286	ng	97
36) 4-Chloro-3-methylphenol	8.854	107	490090	41.023	ng	97
37) 2-Methylnaphthalene	9.025	142	987105	39.994	ng	97
38) 1-Methylnaphthalene	9.125	142	927955	40.018	ng	99
40) 1,2,4,5-Tetrachloroben...	9.189	216	504385	40.170	ng	100
41) Hexachlorocyclopentadiene	9.172	237	281864	40.870	ng	100
43) 2,4,6-Trichlorophenol	9.301	196	340926	41.217	ng	98

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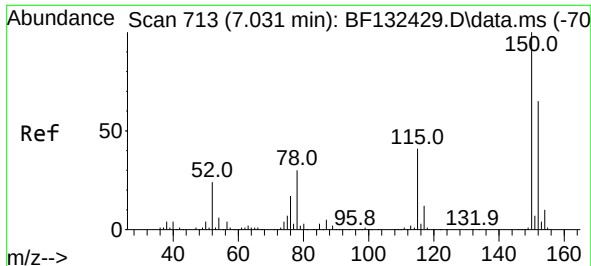
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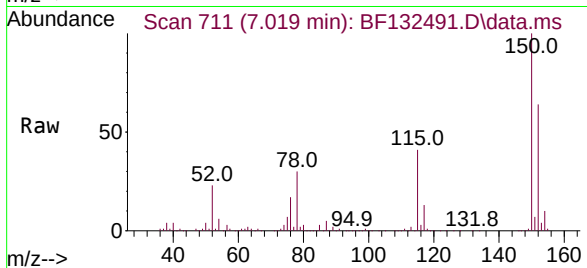
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.342	196	399884	41.507	ng	99
46) 1,1'-Biphenyl	9.489	154	1152007	38.410	ng	100
47) 2-Chloronaphthalene	9.519	162	918708	39.026	ng	98
48) 2-Nitroaniline	9.613	65	333648	40.395	ng	89
49) Acenaphthylene	9.936	152	1433923	38.338	ng	100
50) Dimethylphthalate	9.789	163	1125436	39.438	ng	99
51) 2,6-Dinitrotoluene	9.854	165	258080	41.586	ng	90
52) Acenaphthene	10.107	154	926281	39.795	ng	100
53) 3-Nitroaniline	10.025	138	280513	39.369	ng	93
54) 2,4-Dinitrophenol	10.131	184	149320	41.393	ng	97
55) Dibenzofuran	10.283	168	1332664	38.589	ng	98
56) 4-Nitrophenol	10.178	139	205561	39.766	ng	94
57) 2,4-Dinitrotoluene	10.260	165	336756	41.222	ng	97
58) Fluorene	10.625	166	1022491	39.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.395	232	301886	41.461	ng	98
60) Diethylphthalate	10.489	149	1123955	40.067	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	544566	39.828	ng	97
62) 4-Nitroaniline	10.642	138	270578	40.696	ng	98
63) Azobenzene	10.772	77	1195525	38.518	ng	99
65) 4,6-Dinitro-2-methylph...	10.672	198	209018	46.041	ng	98
66) n-Nitrosodiphenylamine	10.730	169	914332	40.797	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	342703	42.822	ng	94
68) Hexachlorobenzene	11.178	284	349908	41.827	ng	97
69) Atrazine	11.254	200	291125	42.202	ng	99
70) Pentachlorophenol	11.372	266	232592	44.720	ng	98
71) Phenanthrene	11.595	178	1481200	39.385	ng	100
72) Anthracene	11.648	178	1505608	38.943	ng	99
73) Carbazole	11.801	167	1338062	38.448	ng	99
74) Di-n-butylphthalate	12.119	149	1698266	40.969	ng	100
75) Fluoranthene	12.789	202	1599706	38.142	ng	99
77) Benzidine	12.907	184	416935	46.541	ng	98
78) Pyrene	13.024	202	1610101	45.052	ng	99
80) Butylbenzylphthalate	13.630	149	649437	48.699	ng	96
81) Benzo(a)anthracene	14.219	228	1251688	40.623	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	355988	43.254	ng	# 98
83) Chrysene	14.254	228	1170485	39.759	ng	98
84) Bis(2-ethylhexyl)phtha...	14.183	149	764712	44.297	ng	98
85) Di-n-octyl phthalate	14.813	149	1147019	45.757	ng	98
87) Indeno(1,2,3-cd)pyrene	17.407	276	1051509	48.790	ng	98
88) Benzo(b)fluoranthene	15.324	252	902289	40.696	ng	99
89) Benzo(k)fluoranthene	15.354	252	891953	40.201	ng	99
90) Benzo(a)pyrene	15.724	252	847975	41.155	ng	100
91) Dibenzo(a,h)anthracene	17.430	278	858880	48.385	ng	98
92) Benzo(g,h,i)perylene	17.907	276	891233	48.889	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

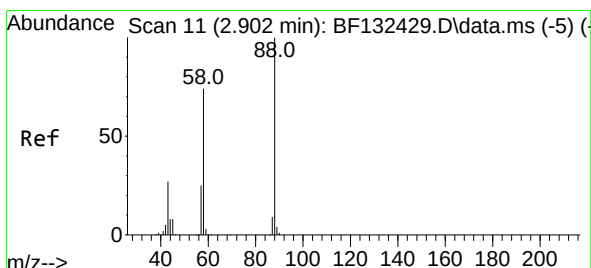
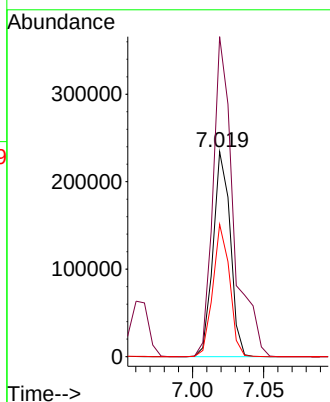
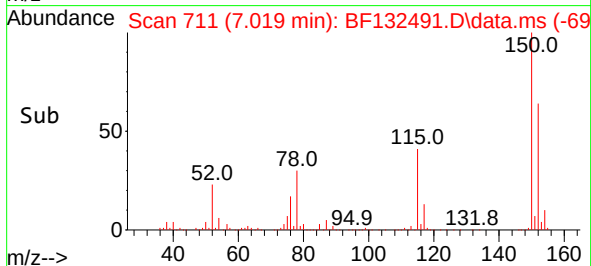
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



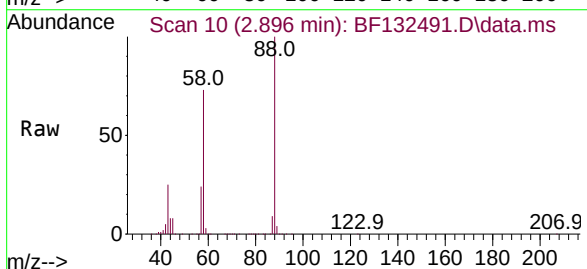
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Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.8
115 64.6 50.4 75.6

Manual Integrations
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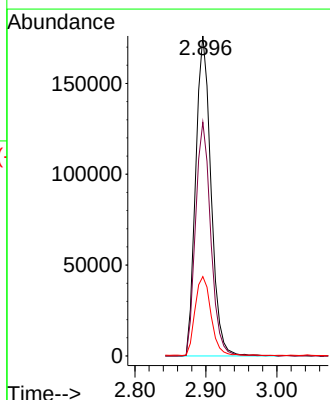
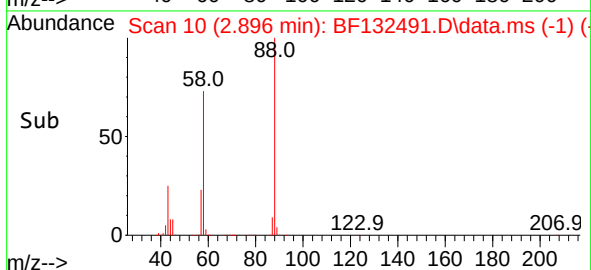
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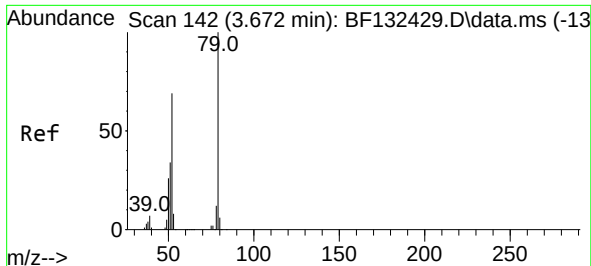


#2
1,4-Dioxane
Concen: 39.547 ng
RT: 2.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



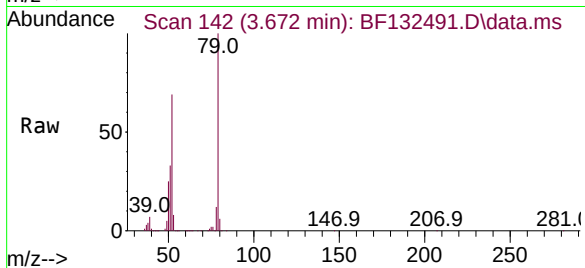
Tgt Ion: 88 Resp: 263020
Ion Ratio Lower Upper
88 100
58 72.5 60.1 90.1
43 25.4 21.5 32.3





#3
Pyridine
Concen: 38.361 ng
RT: 3.672 min Scan# 142
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

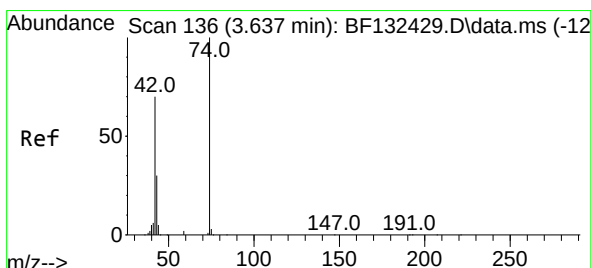
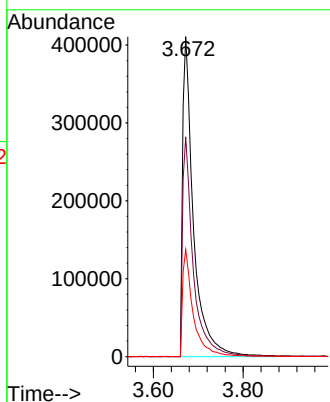
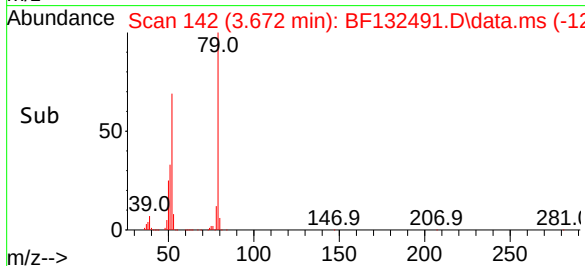
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



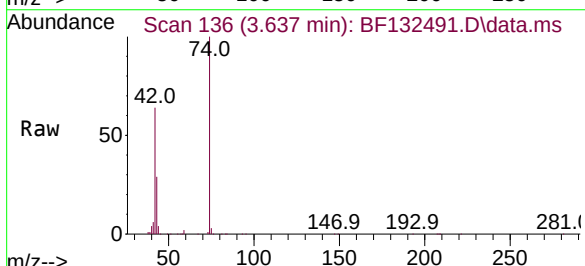
Tgt Ion: 79 Resp: 692539
Ion Ratio Lower Upper
79 100
52 68.7 55.0 82.6
51 33.4 27.0 40.6

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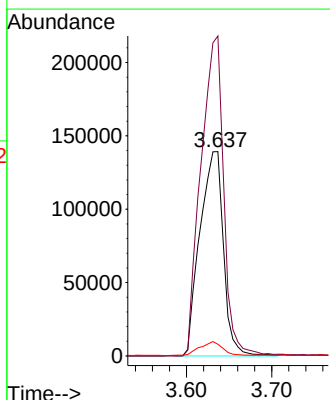
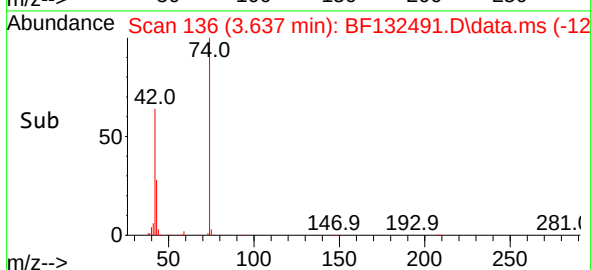
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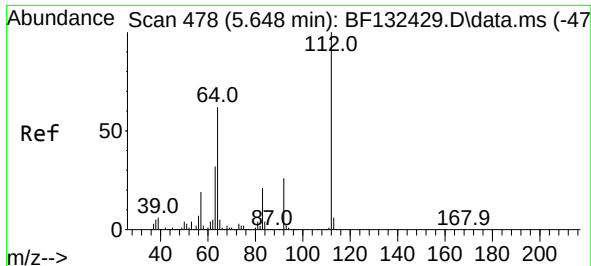


#4
n-Nitrosodimethylamine
Concen: 37.486 ng
RT: 3.637 min Scan# 136
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



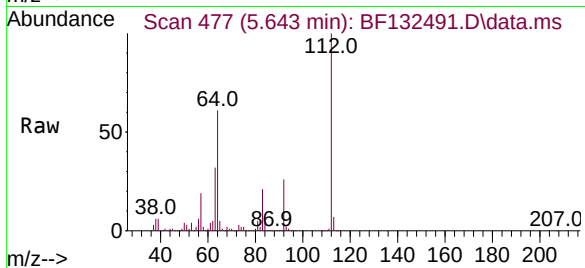
Tgt Ion: 42 Resp: 267200
Ion Ratio Lower Upper
42 100
74 156.7 115.1 172.7
44 5.7 5.7 8.5





#5
2-Fluorophenol
Concen: 76.414 ng
RT: 5.643 min Scan# 41
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

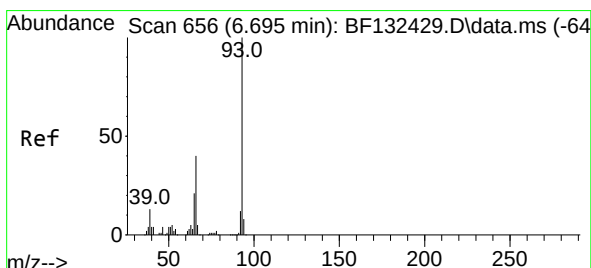
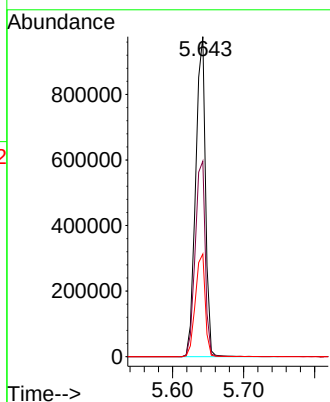
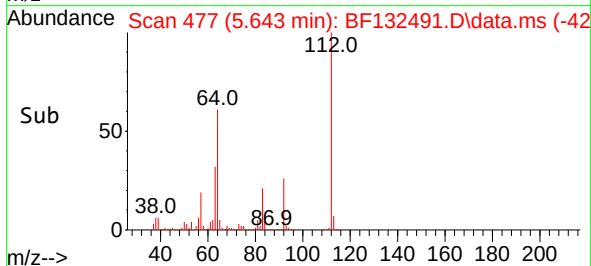
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 939463
Ion Ratio Lower Upper
112 100
64 61.1 49.7 74.5
63 32.1 25.8 38.8

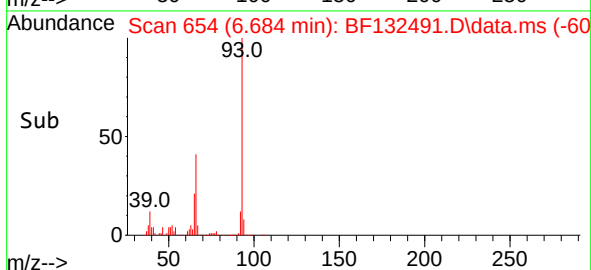
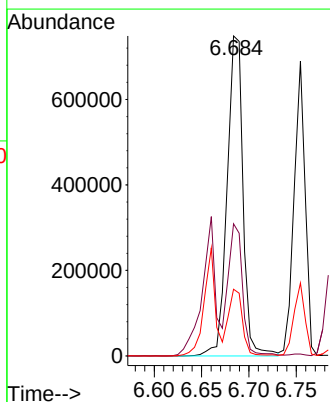
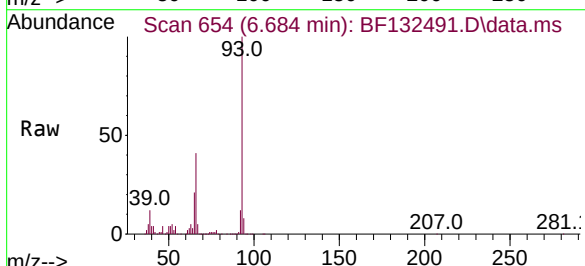
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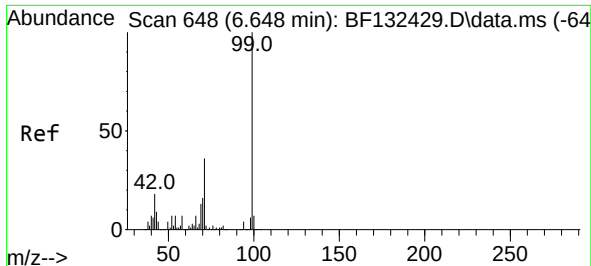
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#6
Aniline
Concen: 39.150 ng
RT: 6.684 min Scan# 654
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

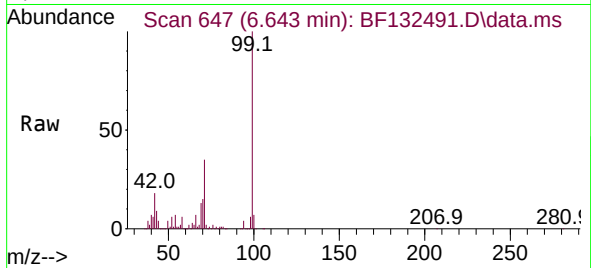
Tgt Ion: 93 Resp: 875578
Ion Ratio Lower Upper
93 100
66 41.3 32.7 49.1
65 20.8 17.1 25.7





#7
Phenol-d6
Concen: 76.520 ng
RT: 6.643 min Scan# 648
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

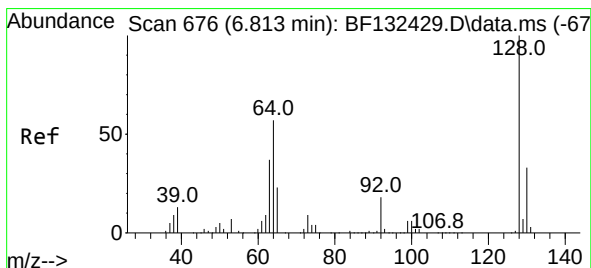
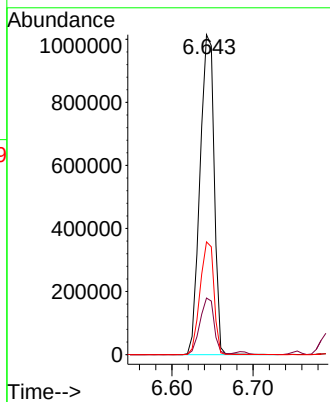
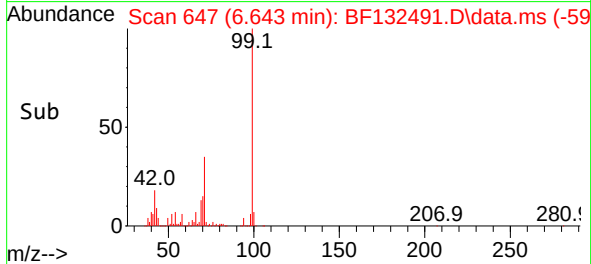
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 1228409
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 35.2 28.7 43.1

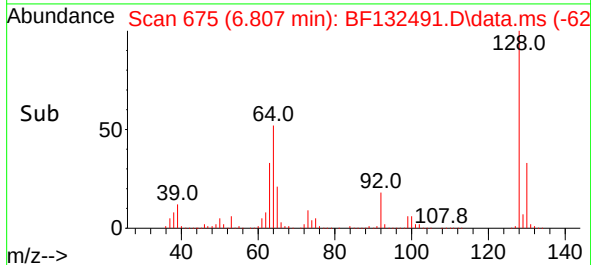
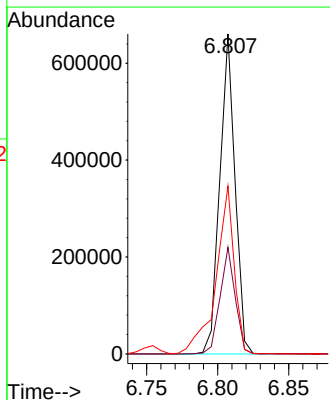
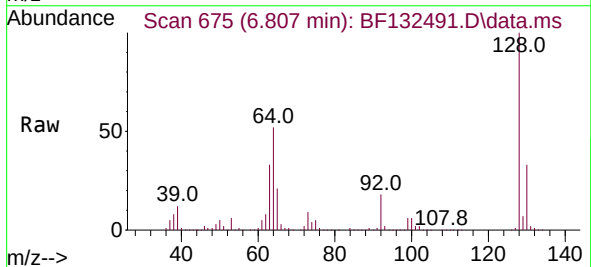
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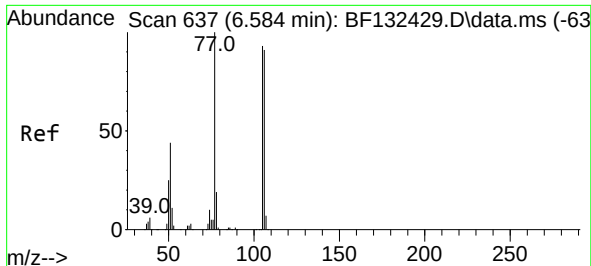
Reviewed By :Christian Giraldo 02/22/2023
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#8
2-Chlorophenol
Concen: 39.427 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

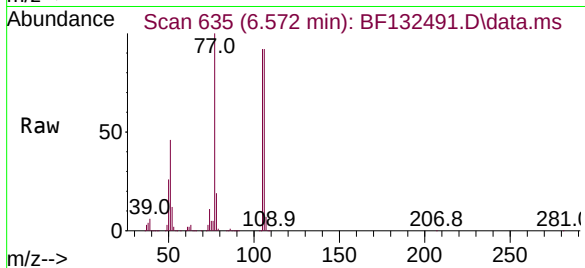
Tgt Ion:128 Resp: 494848
Ion Ratio Lower Upper
128 100
130 33.3 13.0 53.0
64 52.4 37.9 77.9





#9
Benzaldehyde
Concen: 35.288 ng
RT: 6.572 min Scan# 637
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

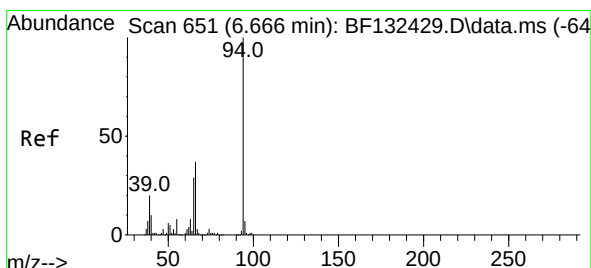
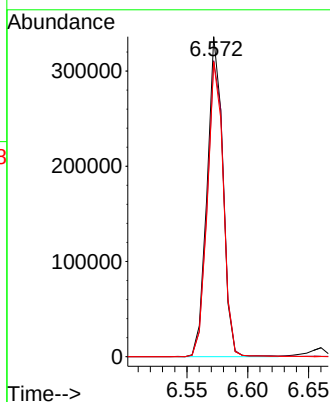
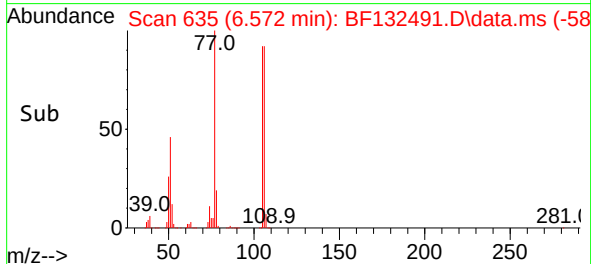
Instrument :
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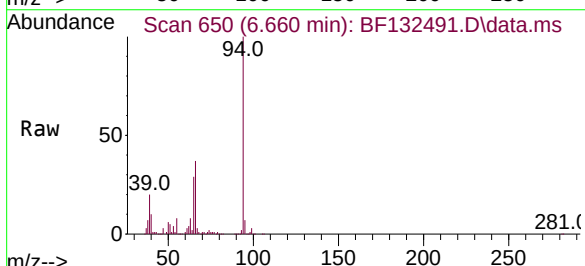
Tgt Ion: 77 Resp: 302881
Ion Ratio Lower Upper
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106 92.1 71.5 111.5

Manual Integrations
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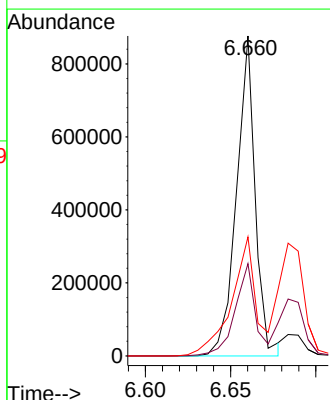
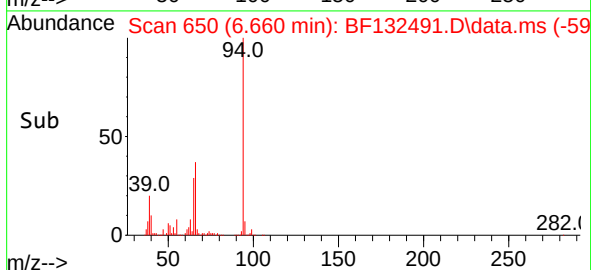
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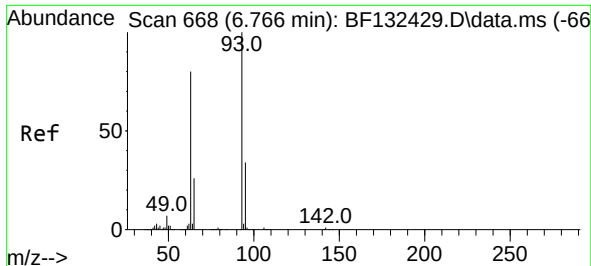


#10
Phenol
Concen: 39.380 ng
RT: 6.660 min Scan# 650
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



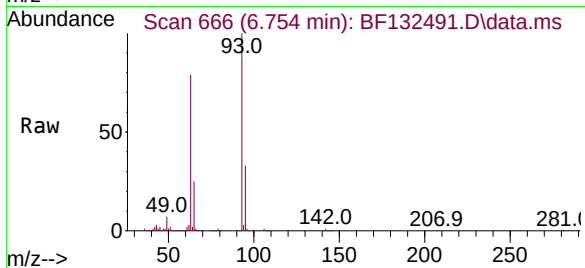
Tgt Ion: 94 Resp: 669965
Ion Ratio Lower Upper
94 100
65 28.8 9.0 49.0
66 37.2 17.4 57.4





#11
bis(2-Chloroethyl)ether
Concen: 39.087 ng
RT: 6.754 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

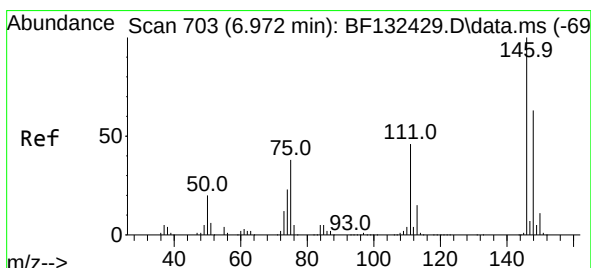
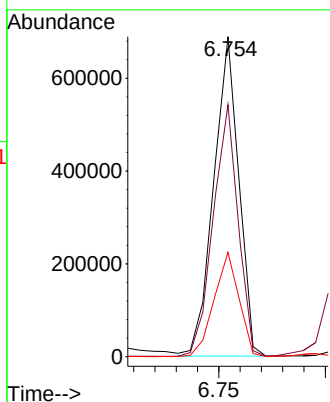
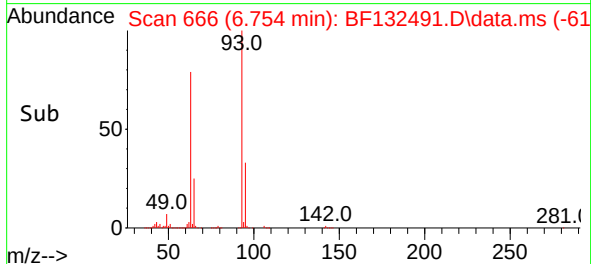
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



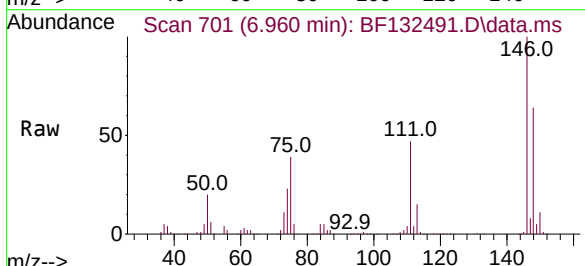
Tgt Ion: 93 Resp: 564052
Ion Ratio Lower Upper
93 100
63 78.7 58.6 98.6
95 32.6 13.5 53.5

Manual Integrations
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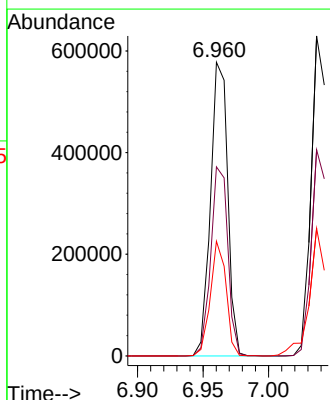
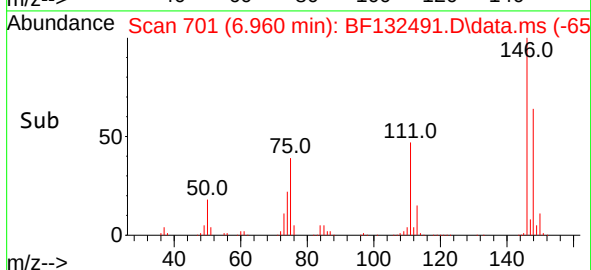
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

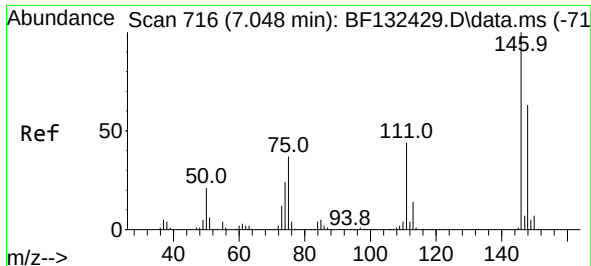


#12
1,3-Dichlorobenzene
Concen: 38.637 ng
RT: 6.960 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:146 Resp: 528268
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 39.0 30.3 45.5





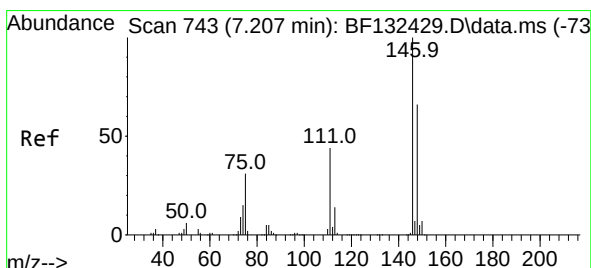
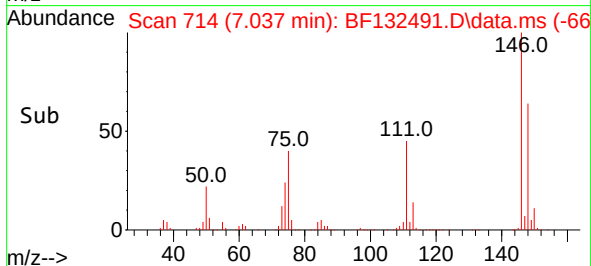
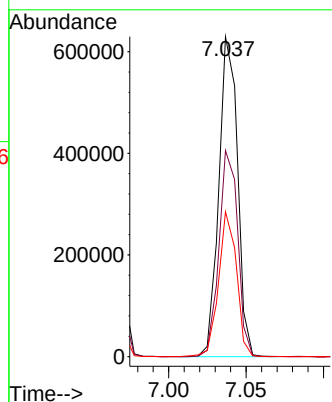
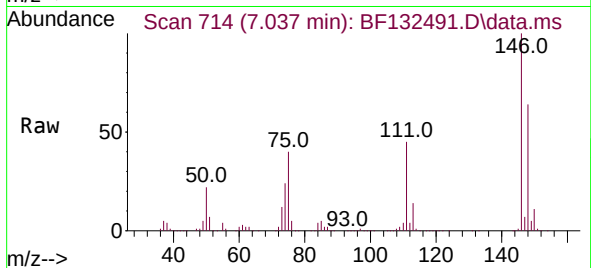
#13
1,4-Dichlorobenzene
Concen: 38.853 ng
RT: 7.037 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 529926
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 45.3 35.0 52.4

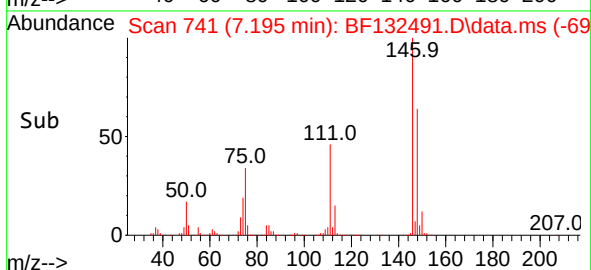
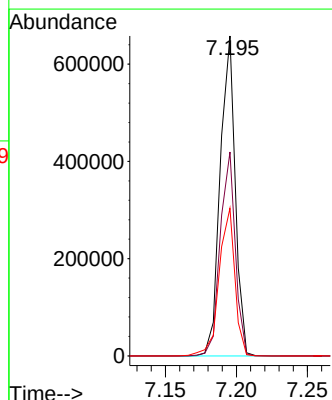
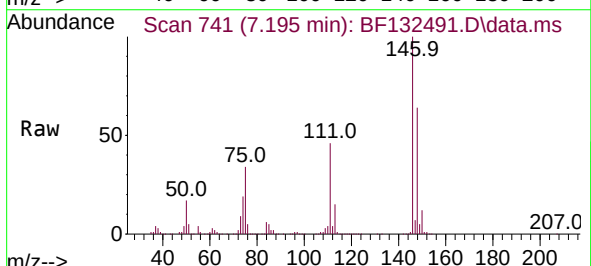
Manual Integrations
APPROVED

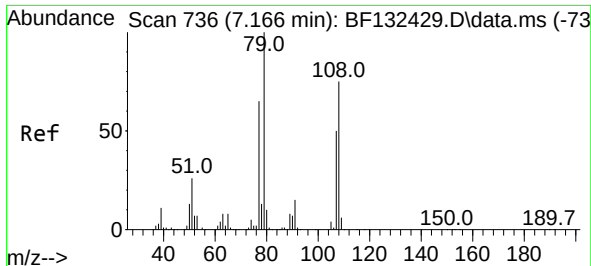
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#14
1,2-Dichlorobenzene
Concen: 38.859 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

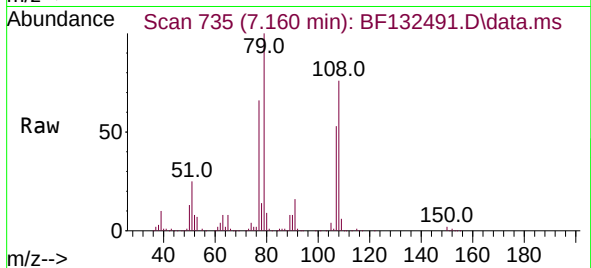
Tgt Ion:146 Resp: 485573
Ion Ratio Lower Upper
146 100
148 63.7 52.4 78.6
111 46.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 42.301 ng
RT: 7.160 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

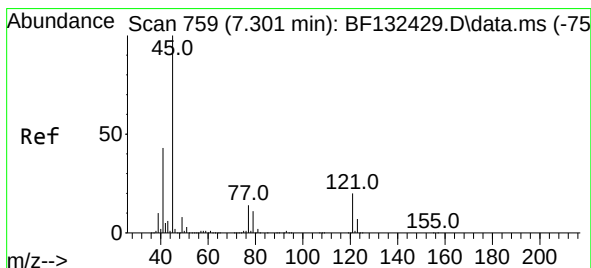
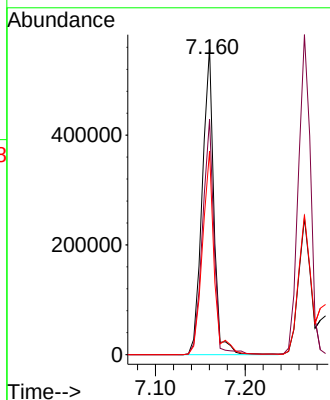
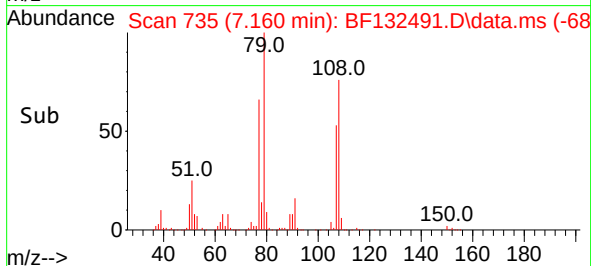
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



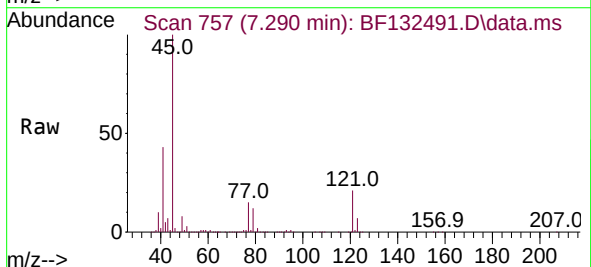
Tgt Ion: 79 Resp: 502302
Ion Ratio Lower Upper
79 100
108 76.5 59.8 89.6
77 66.2 51.8 77.6

Manual Integrations
APPROVED

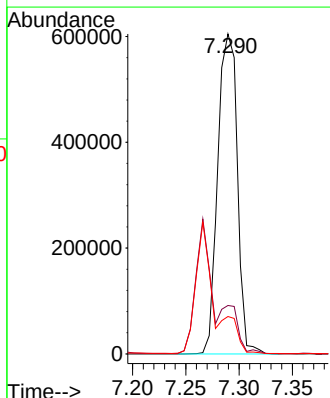
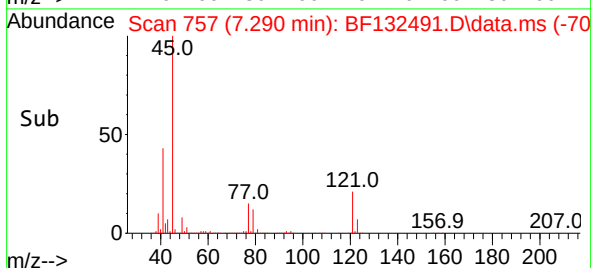
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

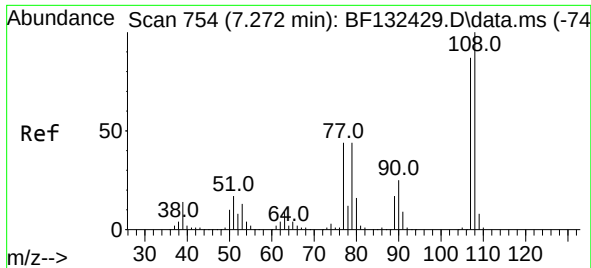


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.637 ng
RT: 7.290 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion: 45 Resp: 775238
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.3
79 11.7 0.0 31.3





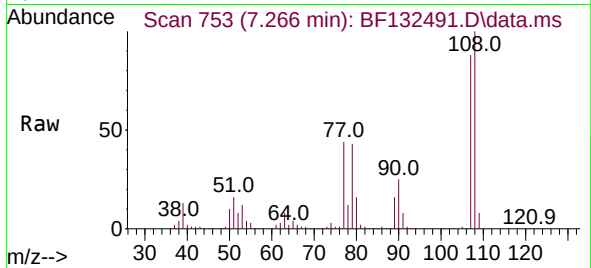
#17
2-Methylphenol
Concen: 39.460 ng
RT: 7.266 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

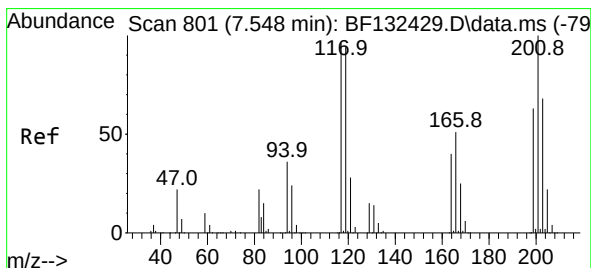
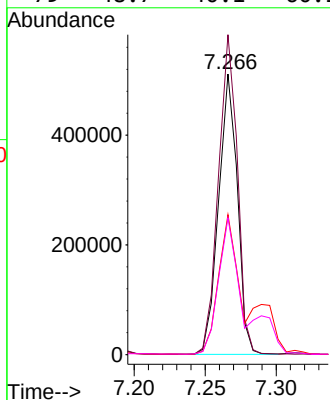
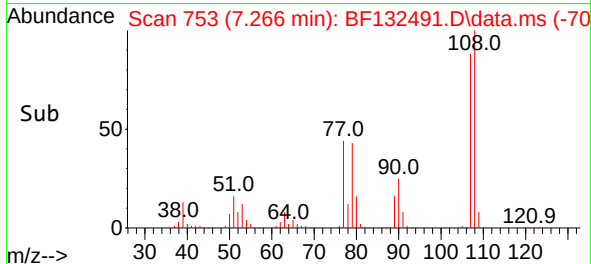


Tgt Ion:107 Resp: 471468
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 49.9 40.7 61.1
79 48.7 40.1 60.1

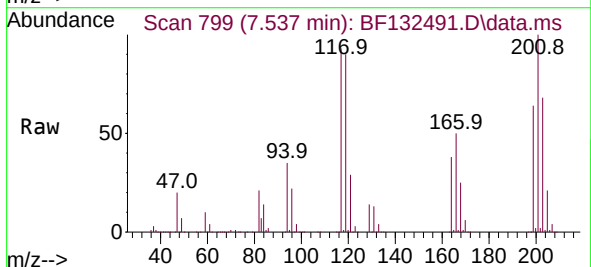
Manual Integrations

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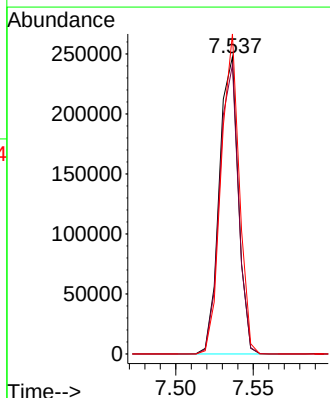
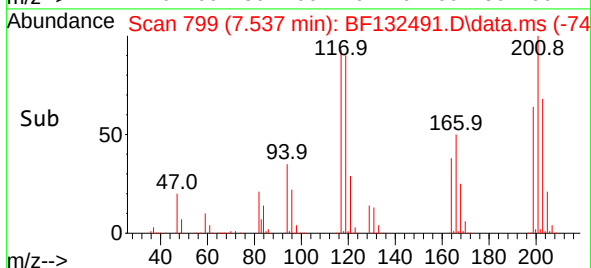
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

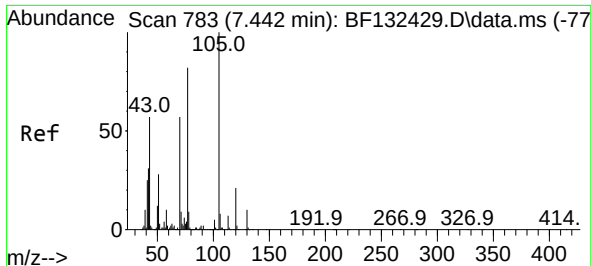


#18
Hexachloroethane
Concen: 41.149 ng
RT: 7.537 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



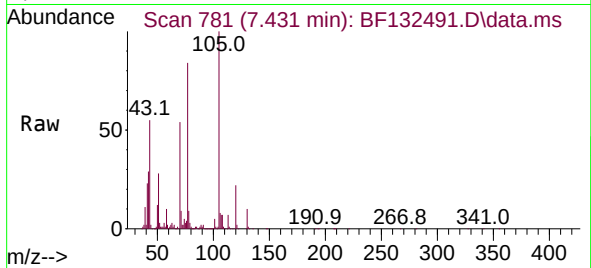
Tgt Ion:117 Resp: 211913
Ion Ratio Lower Upper
117 100
119 97.3 78.8 118.2
201 107.8 83.5 125.3





#19
n-Nitroso-di-n-propylamine
Concen: 39.576 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

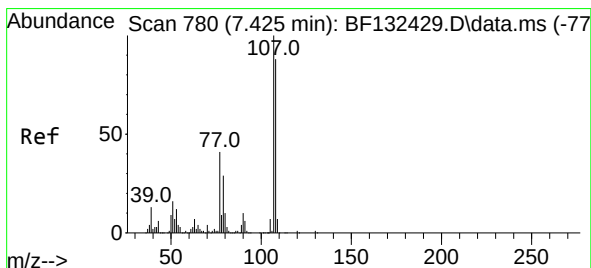
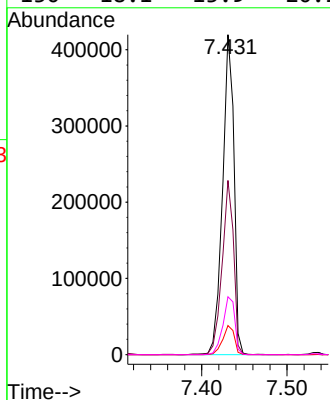
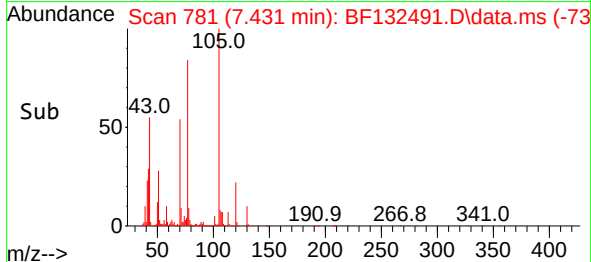
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 389488
Ion Ratio Lower Upper
70 100
42 54.4 43.5 65.3
101 9.1 7.3 10.9
130 18.1 13.9 20.9

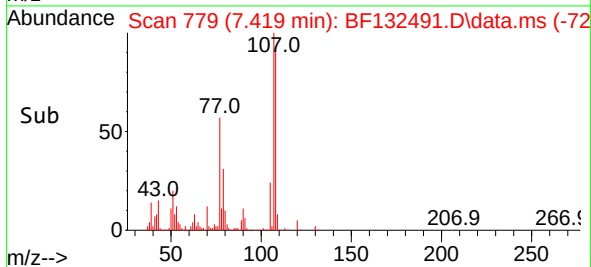
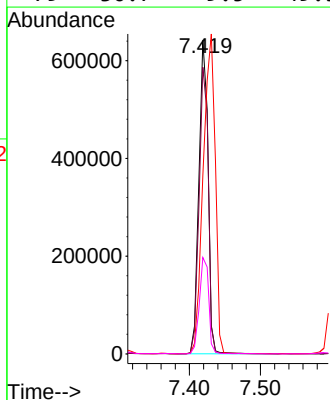
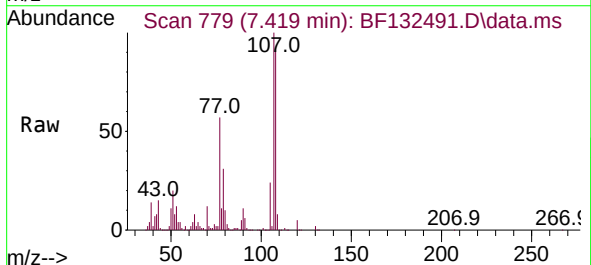
Manual Integrations
APPROVED

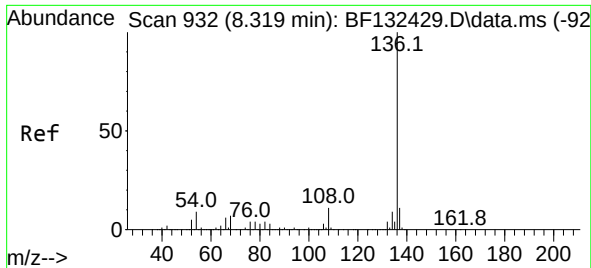
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#20
3+4-Methylphenols
Concen: 38.629 ng
RT: 7.419 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

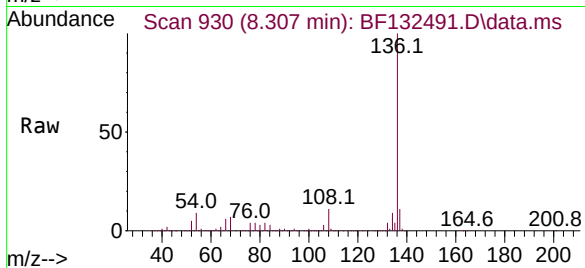
Tgt Ion:107 Resp: 569856
Ion Ratio Lower Upper
107 100
108 91.5 68.1 108.1
77 56.8 21.3 61.3
79 30.7 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

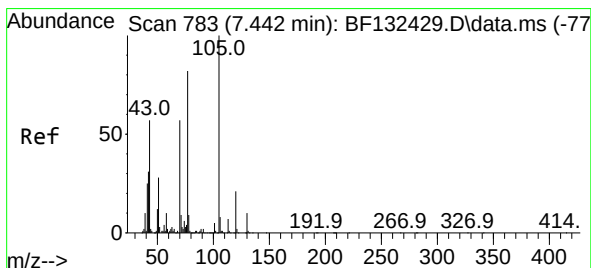
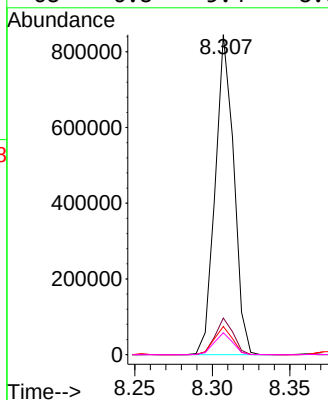
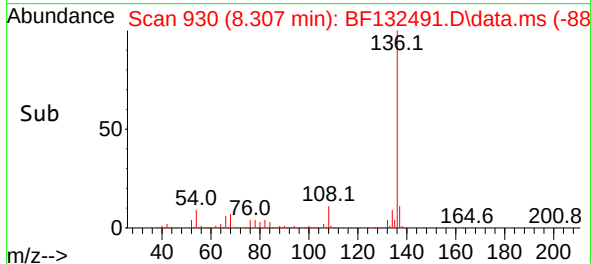
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



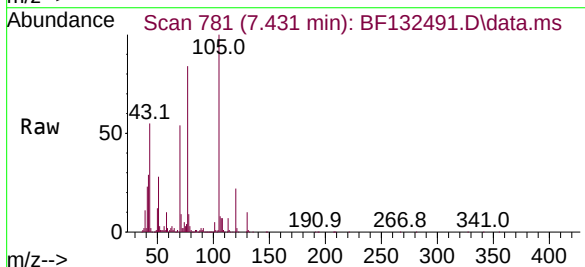
Tgt Ion:136 Resp: 706672
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.8 6.9 10.3
68 6.8 5.4 8.0

Manual Integrations
APPROVED

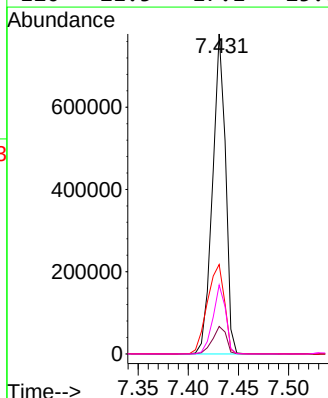
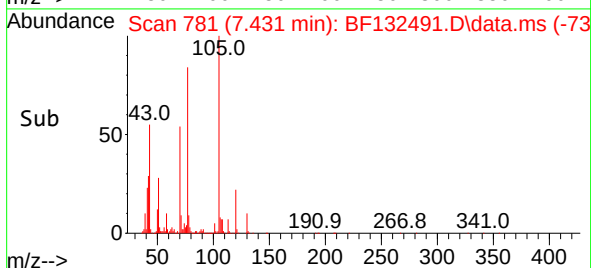
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

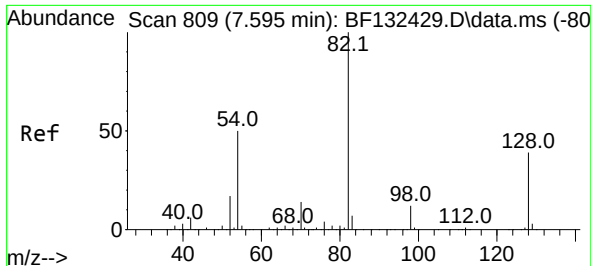


#22
Acetophenone
Concen: 38.307 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:105 Resp: 701593
Ion Ratio Lower Upper
105 100
71 8.6 7.3 10.9
51 27.9 22.2 33.2
120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 80.128 ng

RT: 7.590 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1178476

Ion Ratio Lower Upper

82 100

128 40.1 30.8 46.2

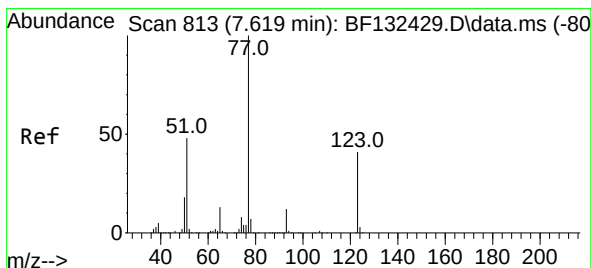
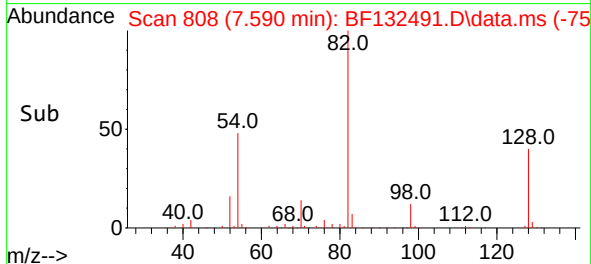
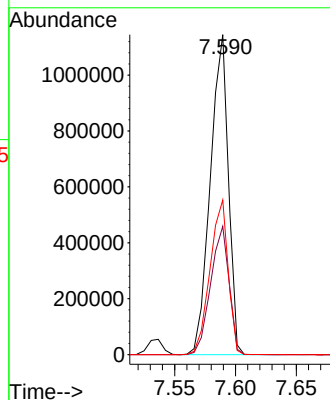
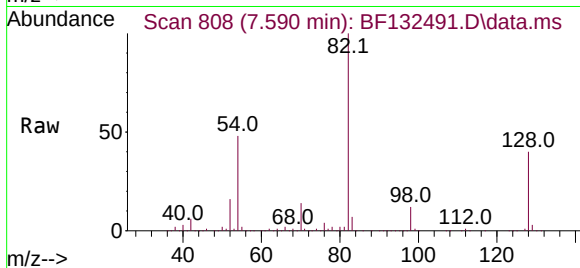
54 48.3 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#24

Nitrobenzene

Concen: 39.698 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

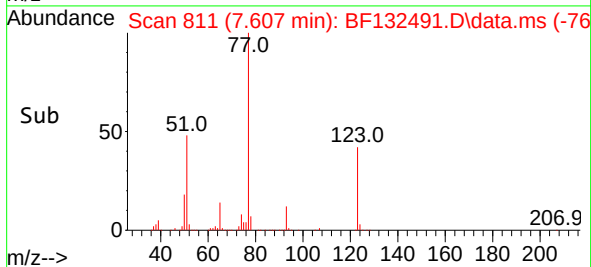
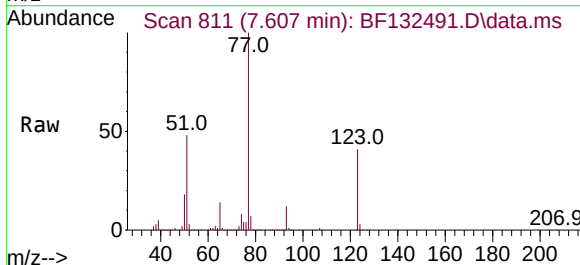
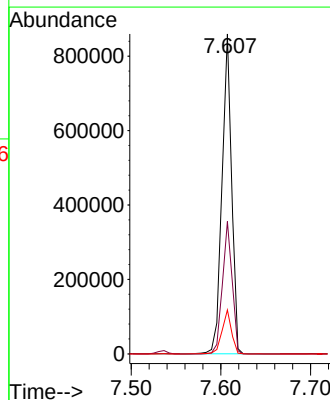
Tgt Ion: 77 Resp: 640130

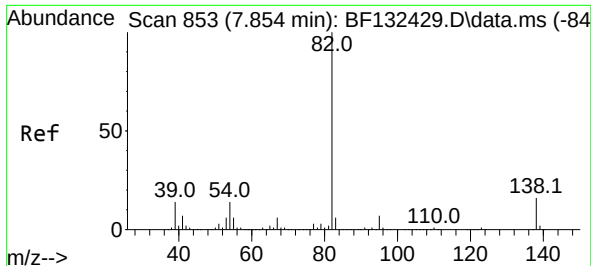
Ion Ratio Lower Upper

77 100

123 41.4 33.2 49.8

65 13.7 10.4 15.6





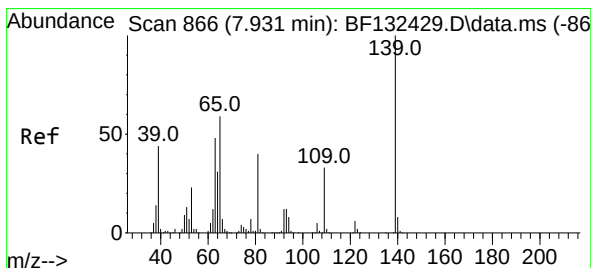
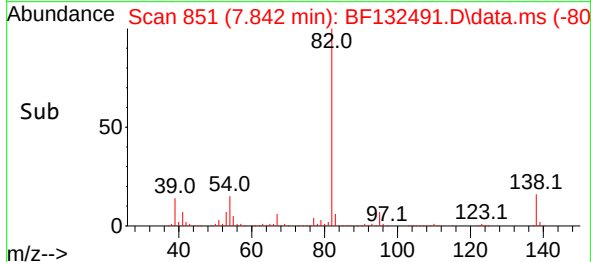
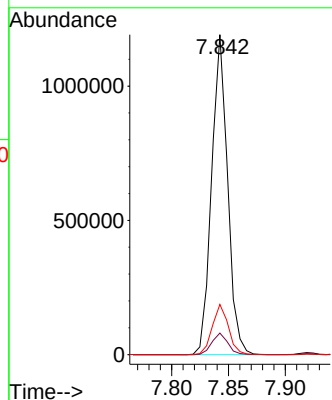
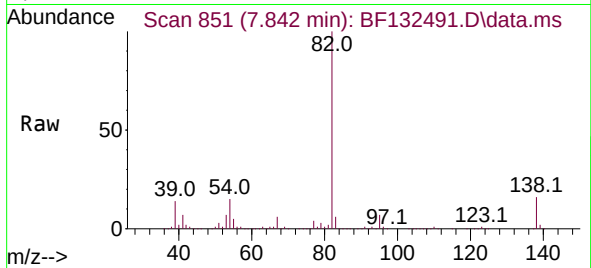
#25
Isophorone
Concen: 40.425 ng
RT: 7.842 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1168272
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 15.7 12.7 19.1

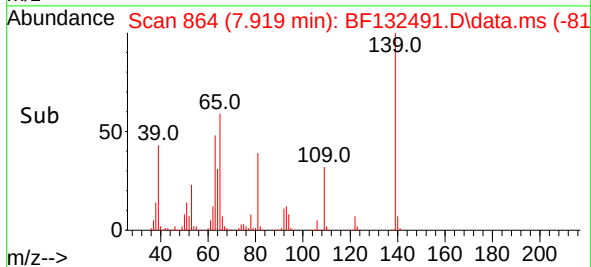
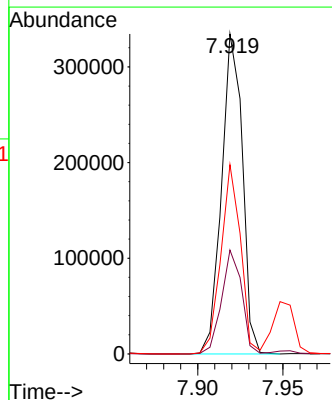
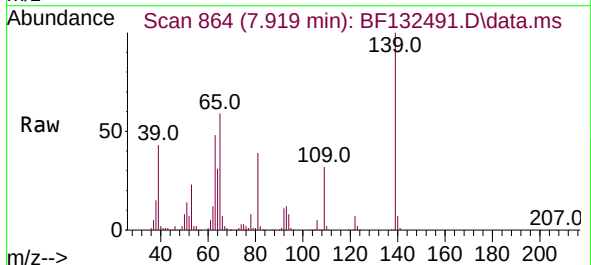
Manual Integrations
APPROVED

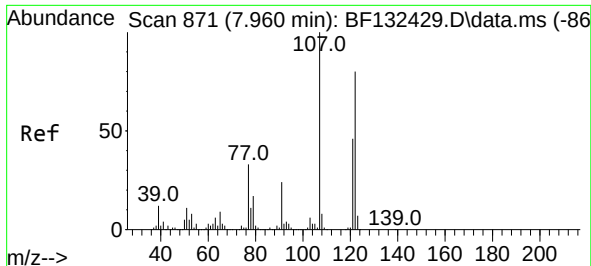
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#26
2-Nitrophenol
Concen: 45.205 ng
RT: 7.919 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

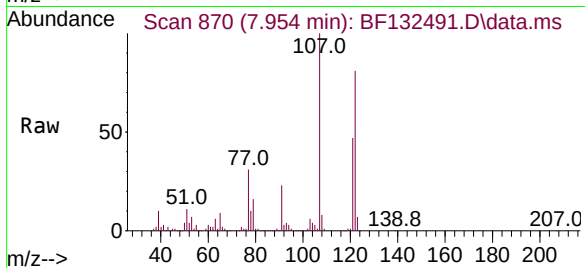
Tgt Ion:139 Resp: 283360
Ion Ratio Lower Upper
139 100
109 32.4 26.3 39.5
65 59.1 47.4 71.0





#27
2,4-Dimethylphenol
Concen: 41.015 ng m
RT: 7.954 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

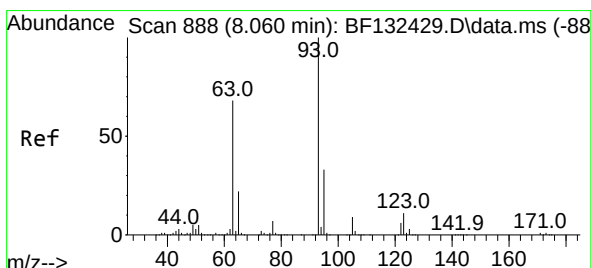
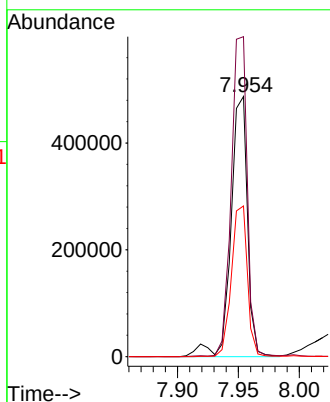
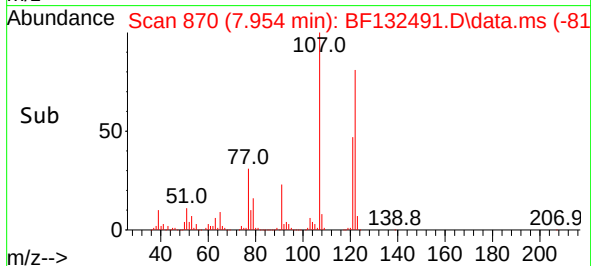
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 464190
Ion Ratio Lower Upper
122 100
107 123.0 99.9 149.9
121 57.9 45.9 68.9

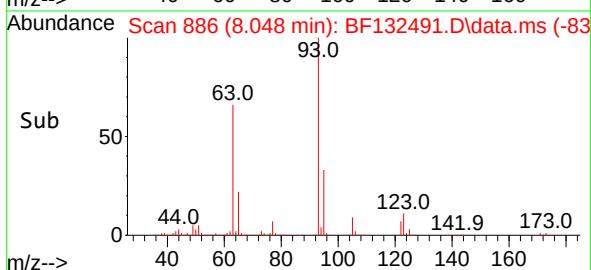
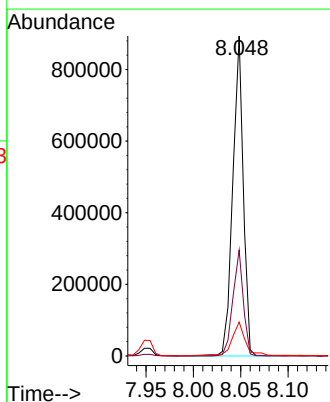
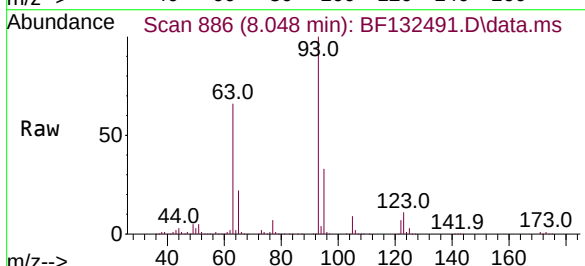
Manual Integrations
APPROVED

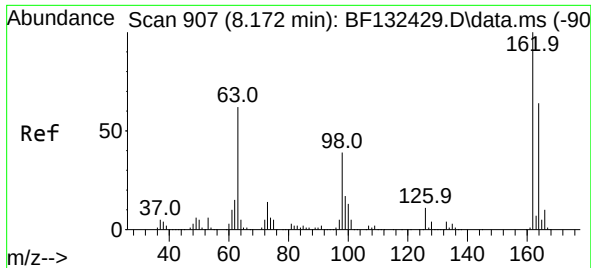
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.824 ng
RT: 8.048 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion: 93 Resp: 689460
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.969 ng

RT: 8.160 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 437434

Ion Ratio Lower Upper

162 100

164 63.9 44.0 84.0

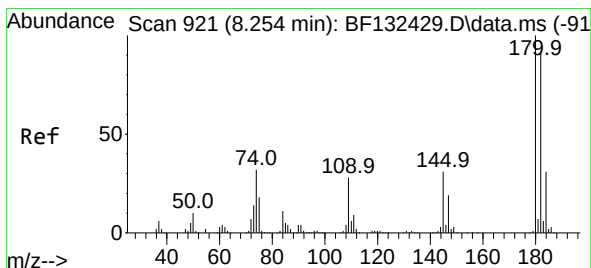
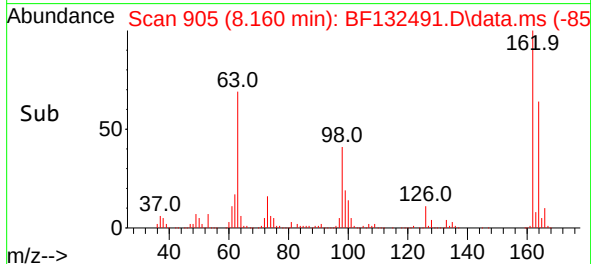
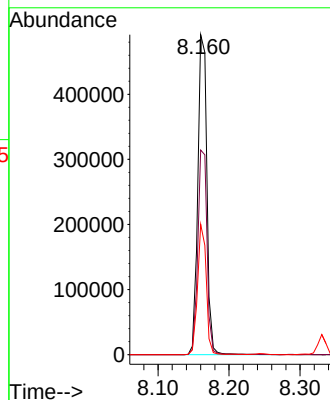
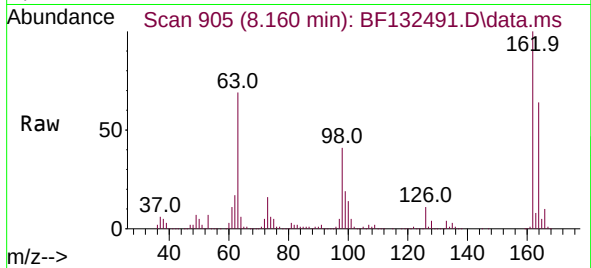
98 40.7 19.3 59.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.030 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

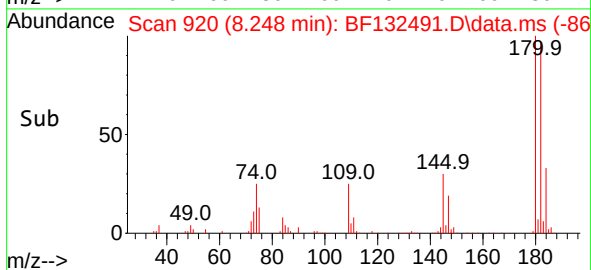
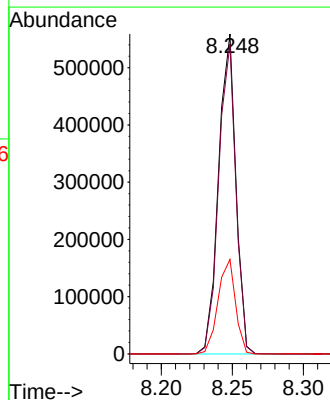
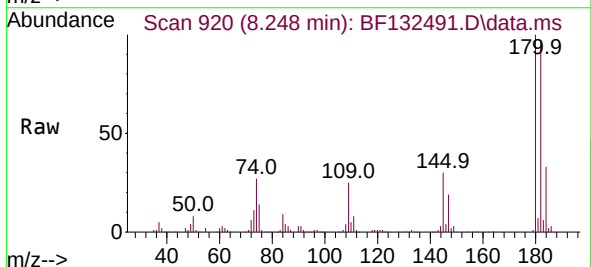
Tgt Ion:180 Resp: 475338

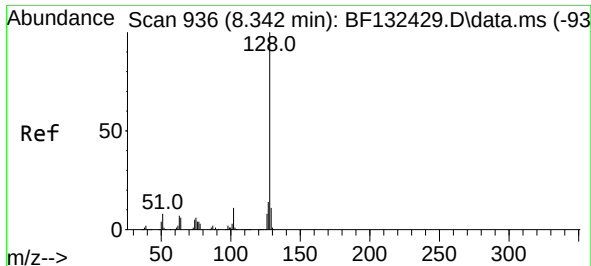
Ion Ratio Lower Upper

180 100

182 96.8 73.8 110.8

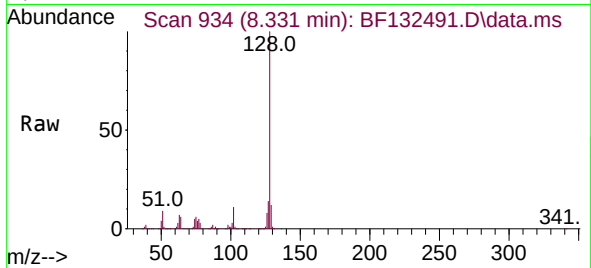
145 29.5 24.4 36.6





#31
Naphthalene
Concen: 38.825 ng
RT: 8.331 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

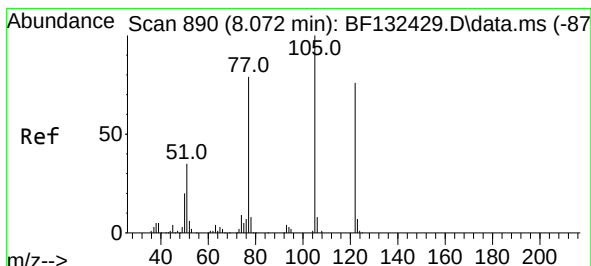
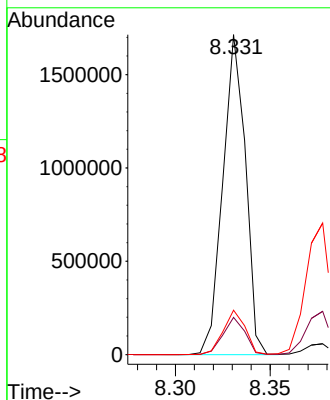
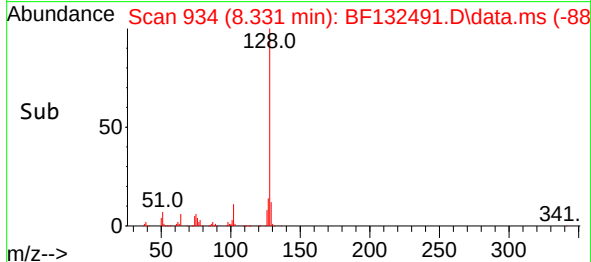
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1423872
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.9 11.0 16.4

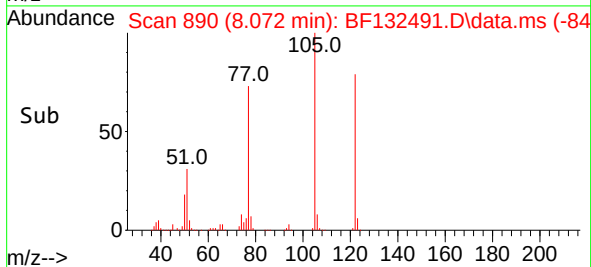
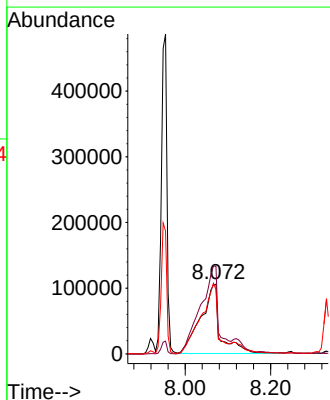
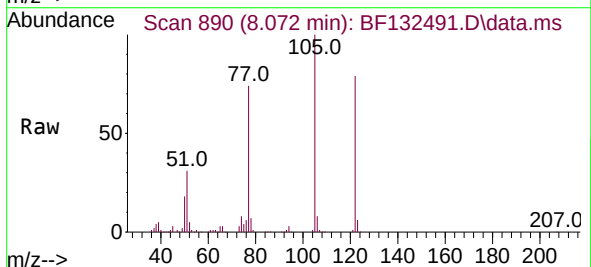
Manual Integrations
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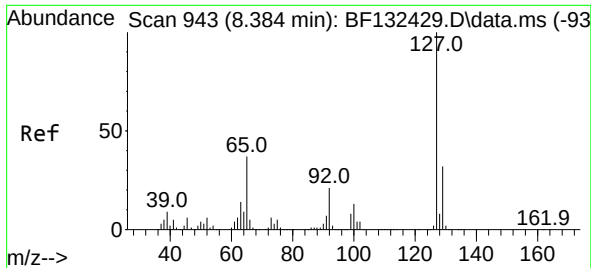
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#32
Benzoic acid
Concen: 42.196 ng m
RT: 8.072 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:122 Resp: 336563
Ion Ratio Lower Upper
122 100
105 125.9 109.7 149.7
77 92.6 83.8 123.8





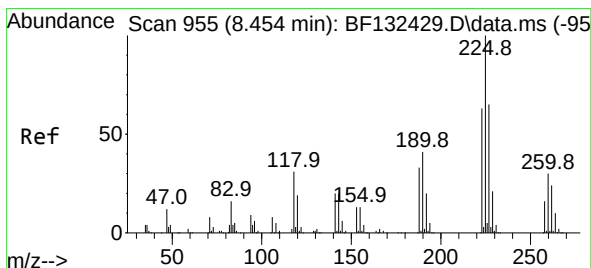
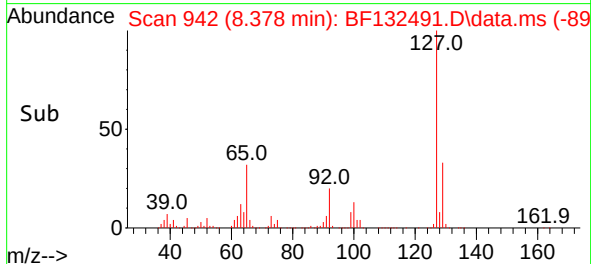
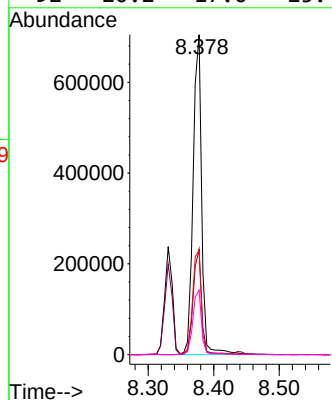
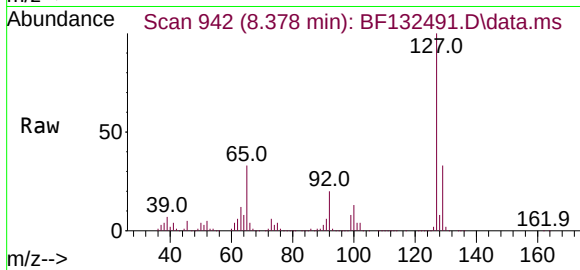
#33
4-Chloroaniline
Concen: 42.194 ng
RT: 8.378 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 642907
Ion Ratio Lower Upper
127 100
129 32.9 25.9 38.9
65 32.6 29.8 44.6
92 20.2 17.0 25.4

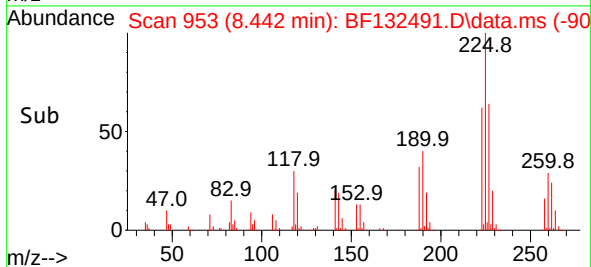
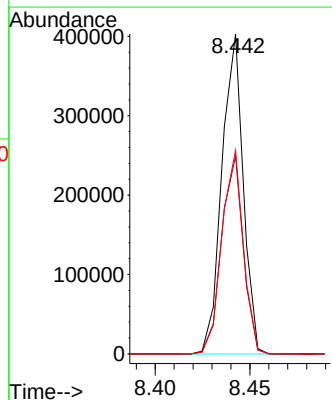
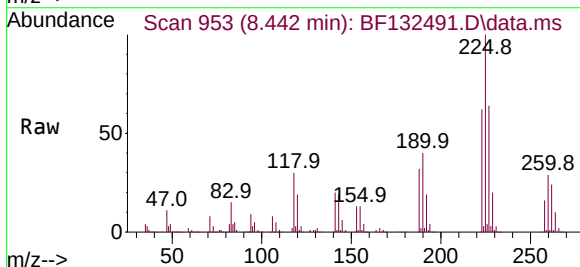
Manual Integrations
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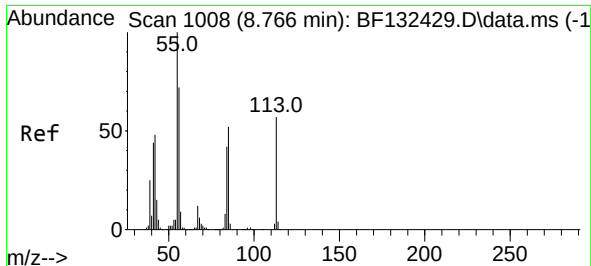
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#34
Hexachlorobutadiene
Concen: 42.126 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

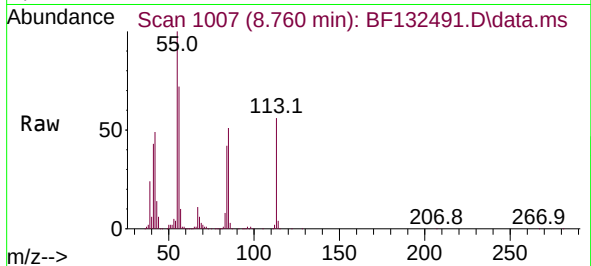
Tgt Ion:225 Resp: 315802
Ion Ratio Lower Upper
225 100
223 61.8 50.6 76.0
227 63.6 52.2 78.4





#35
Caprolactam
Concen: 41.286 ng
RT: 8.760 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

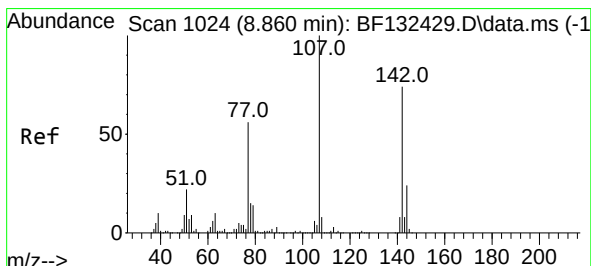
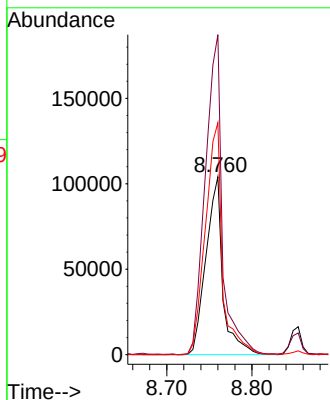
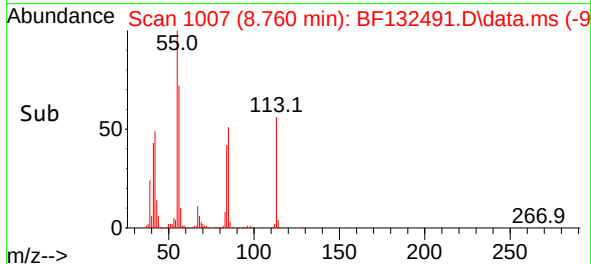
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 143109
Ion Ratio Lower Upper
113 100
55 179.9 155.8 195.8
56 130.3 107.3 147.3

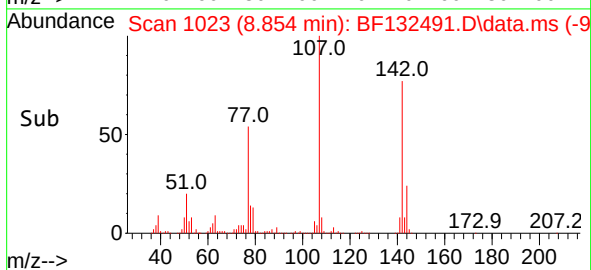
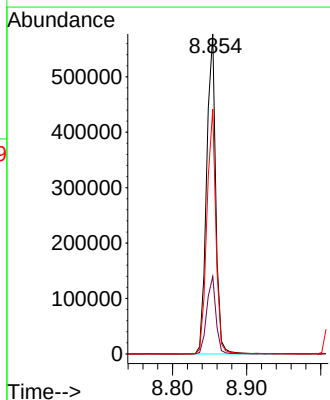
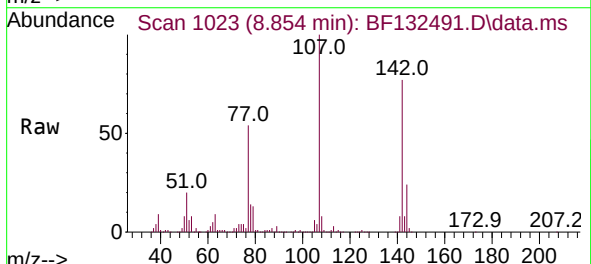
Manual Integrations
APPROVED

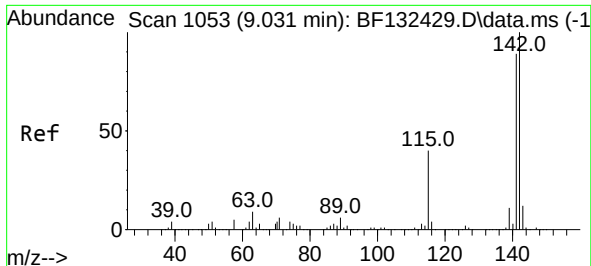
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#36
4-Chloro-3-methylphenol
Concen: 41.023 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:107 Resp: 490090
Ion Ratio Lower Upper
107 100
144 24.2 18.8 28.2
142 76.5 58.8 88.2





#37

2-Methylnaphthalene

Concen: 39.994 ng

RT: 9.025 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 987105

Ion Ratio Lower Upper

142 100

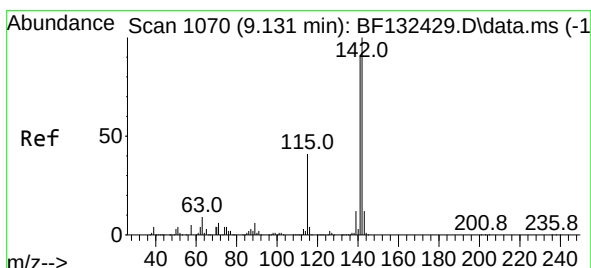
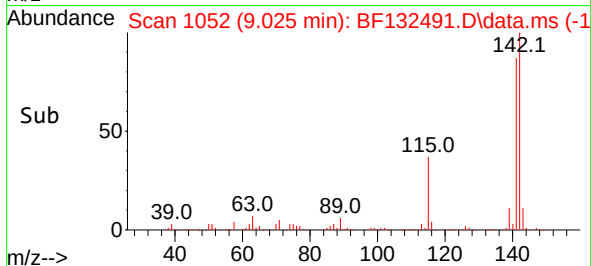
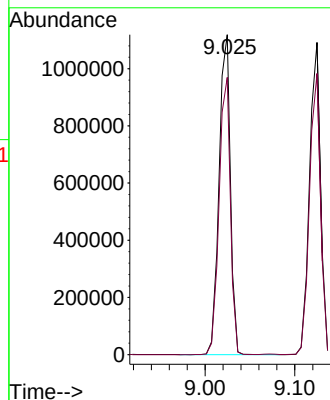
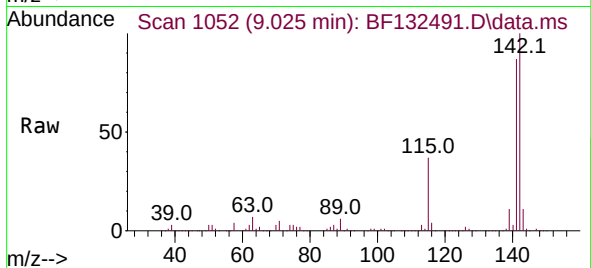
141 86.6 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#38

1-Methylnaphthalene

Concen: 40.018 ng

RT: 9.125 min Scan# 1069

Delta R.T. 0.000 min

Lab File: BF132491.D

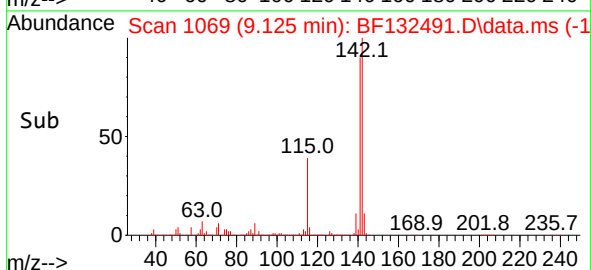
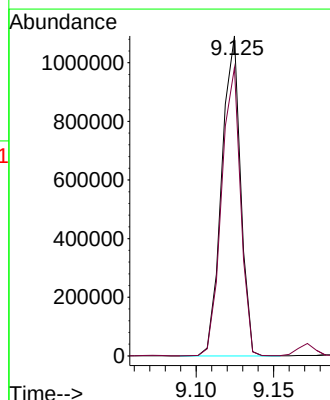
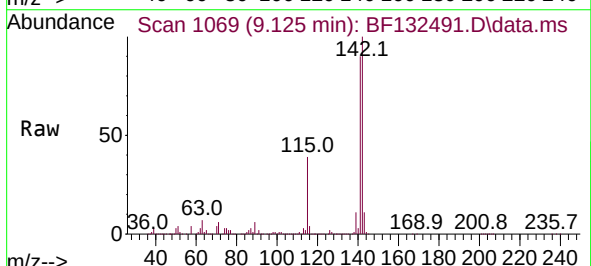
Acq: 21 Feb 2023 12:13

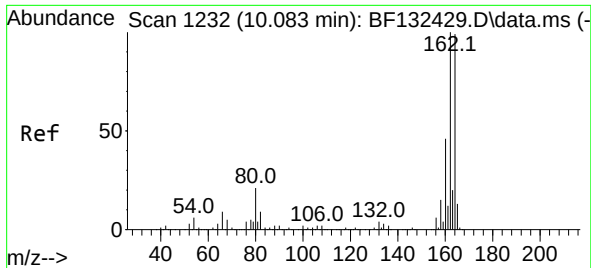
Tgt Ion:142 Resp: 927955

Ion Ratio Lower Upper

142 100

141 90.1 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

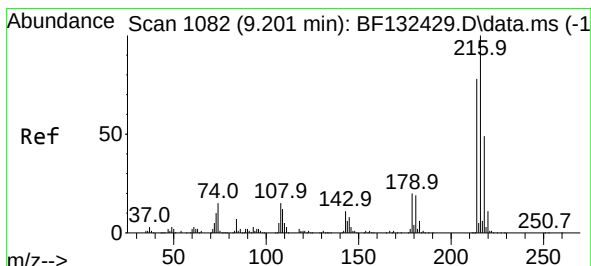
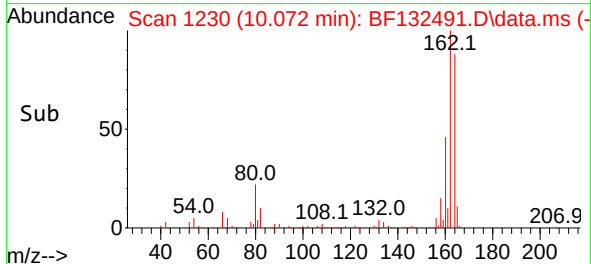
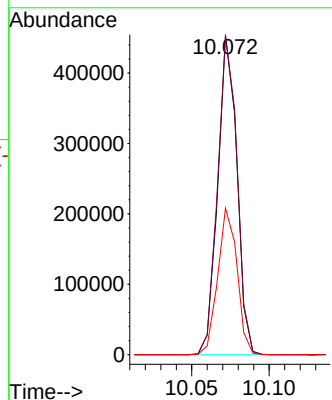
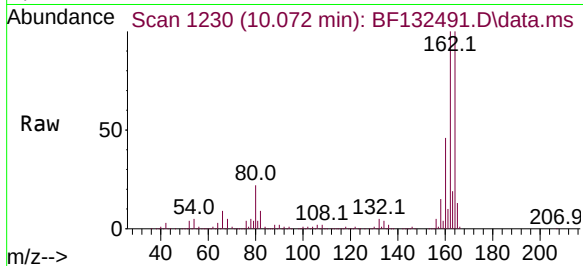
SSTDCCC040

Tgt Ion:164 Resp: 387508
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 46.0 37.2 55.8

Manual Integrations

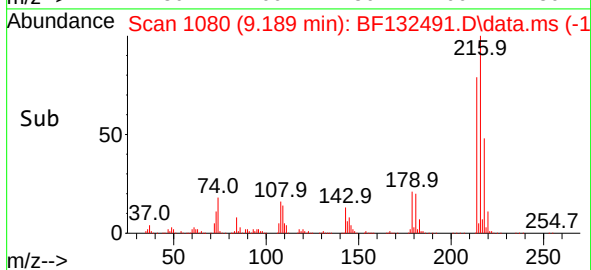
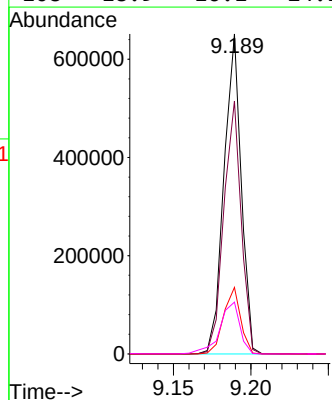
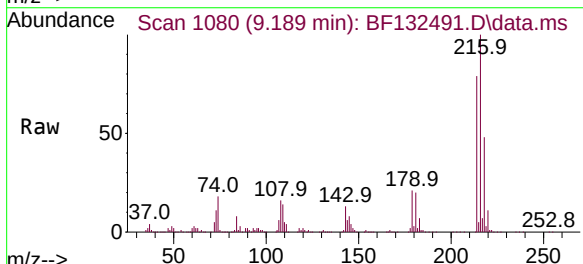
APPROVED

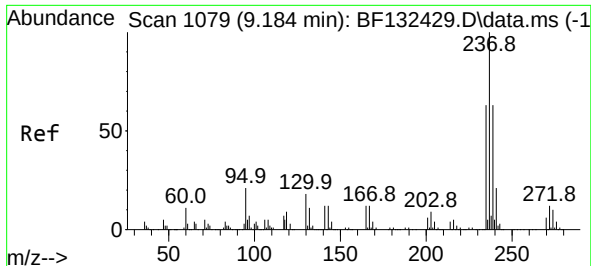
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.170 ng
RT: 9.189 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

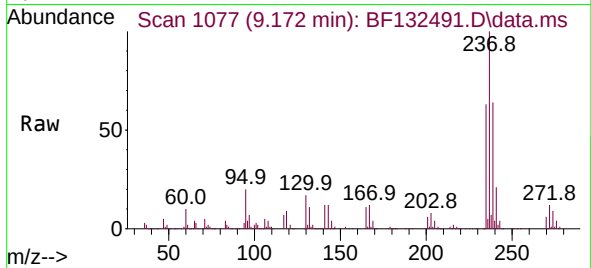
Tgt Ion:216 Resp: 504385
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 20.5 16.4 24.6
108 18.9 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 40.870 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

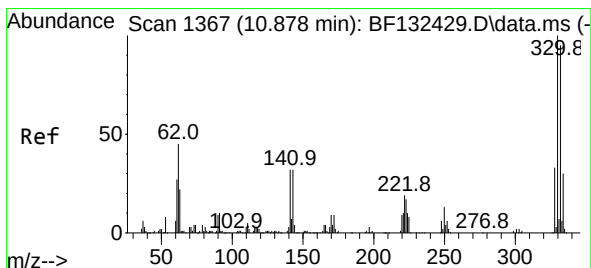
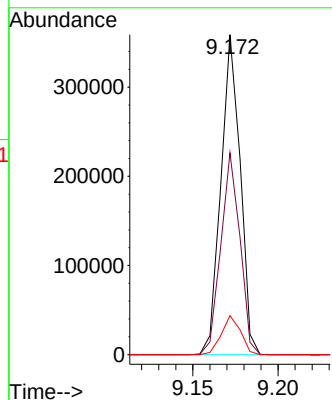
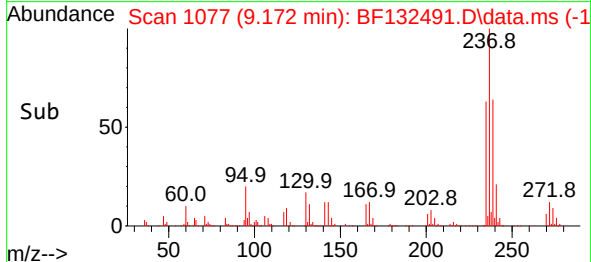
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



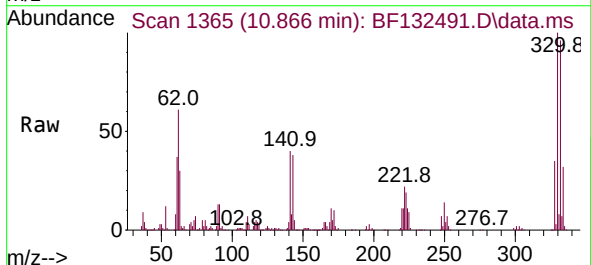
Tgt Ion:237 Resp: 281864
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.2 0.0 32.3

Manual Integrations
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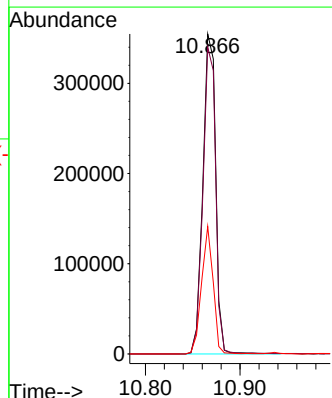
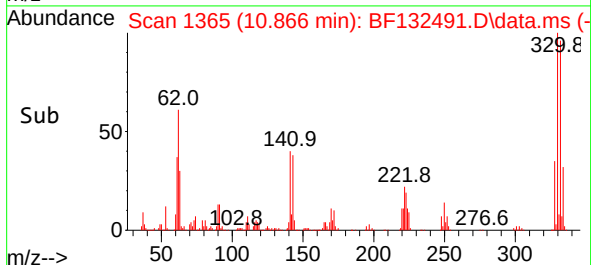
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

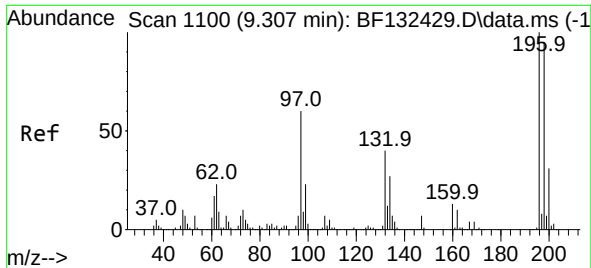


#42
2,4,6-Tribromophenol
Concen: 86.257 ng
RT: 10.866 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:330 Resp: 333498
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 36.0 30.3 45.5





#43
2,4,6-Trichlorophenol
Concen: 41.217 ng
RT: 9.301 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

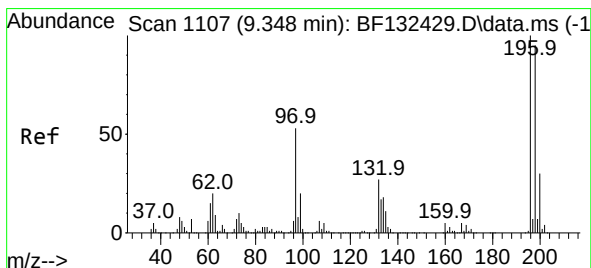
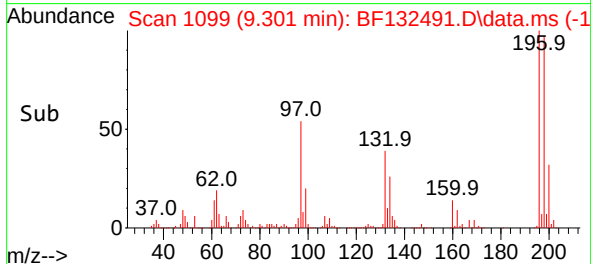
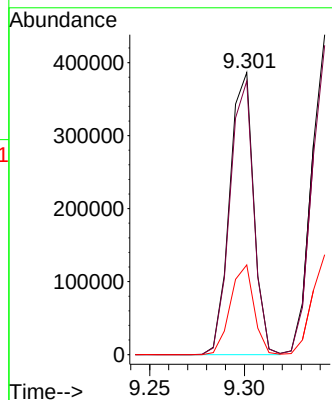
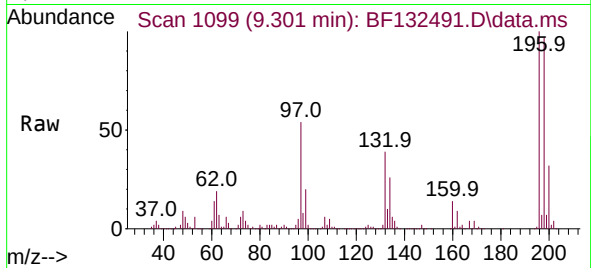
SSTDCCC040

Tgt Ion:196 Resp: 340926
Ion Ratio Lower Upper
196 100
198 97.0 76.3 114.5
200 31.8 24.8 37.2

Manual Integrations

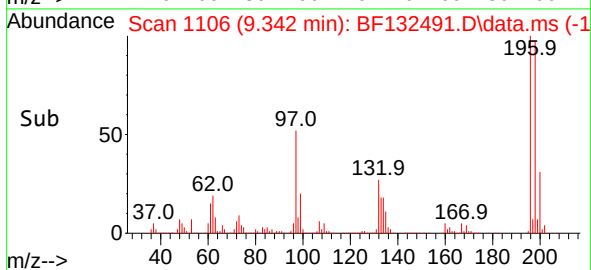
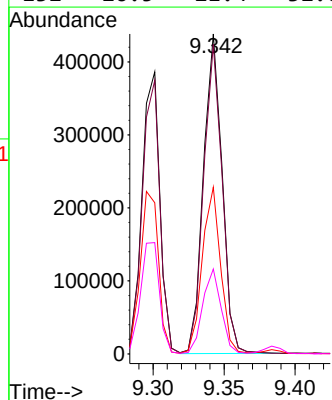
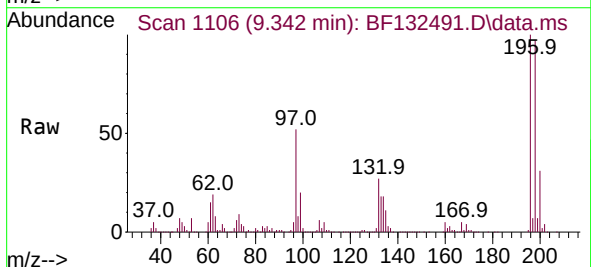
APPROVED

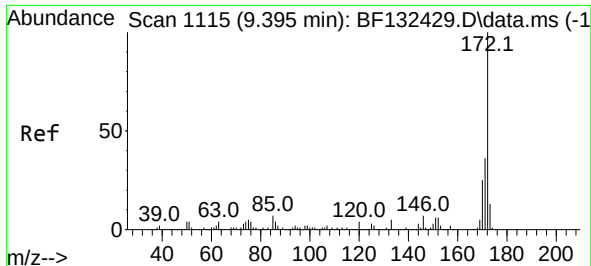
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#44
2,4,5-Trichlorophenol
Concen: 41.507 ng
RT: 9.342 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:196 Resp: 399884
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.4
97 52.1 42.4 63.6
132 26.5 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 74.252 ng

RT: 9.384 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1863194

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

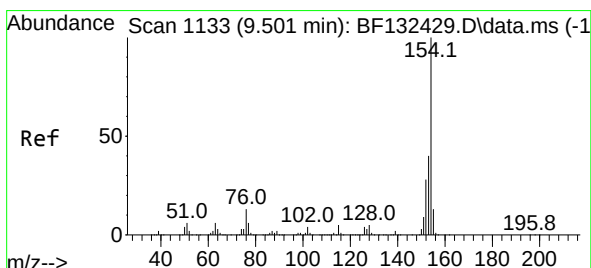
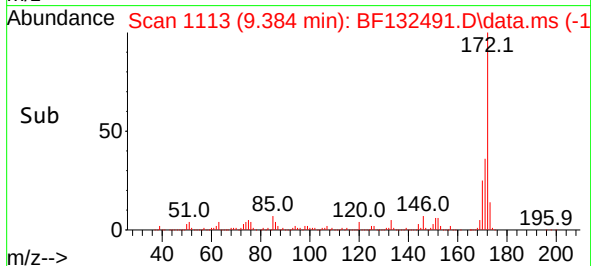
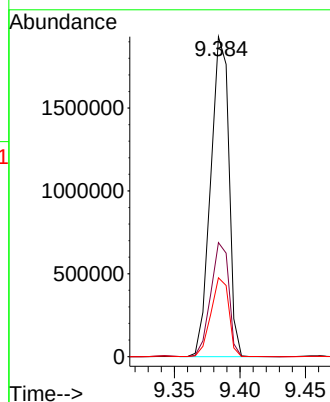
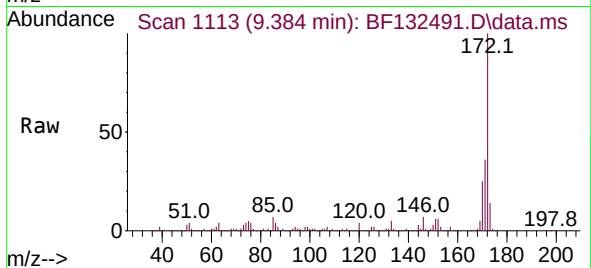
170 24.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#46

1,1'-Biphenyl

Concen: 38.410 ng

RT: 9.489 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

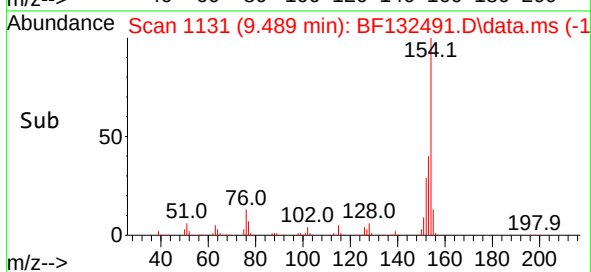
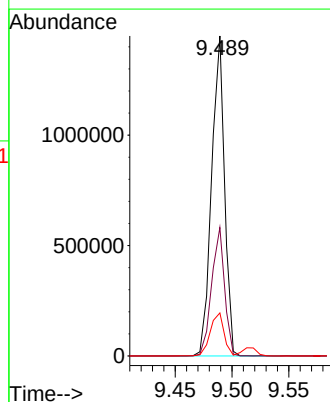
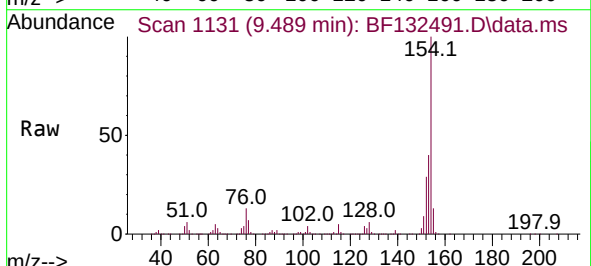
Tgt Ion:154 Resp: 1152007

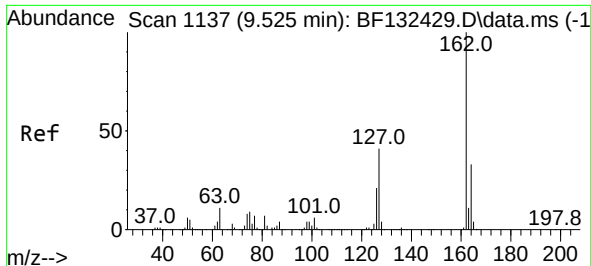
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 13.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.026 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 918708

Ion Ratio Lower Upper

162 100

127 38.6 33.0 49.4

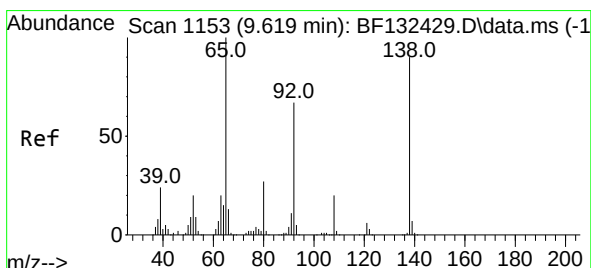
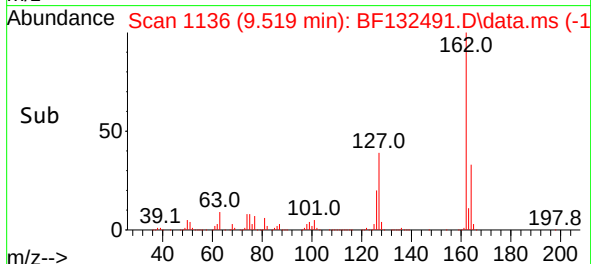
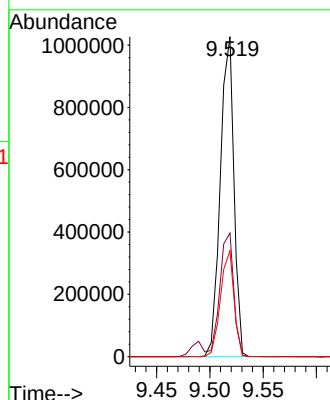
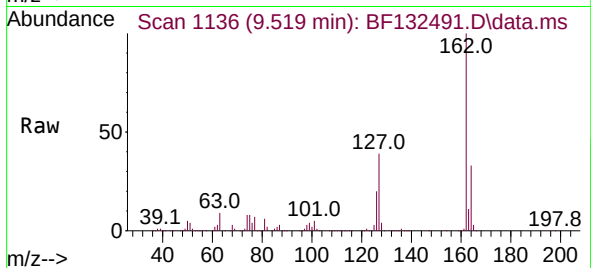
164 33.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#48

2-Nitroaniline

Concen: 40.395 ng

RT: 9.613 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

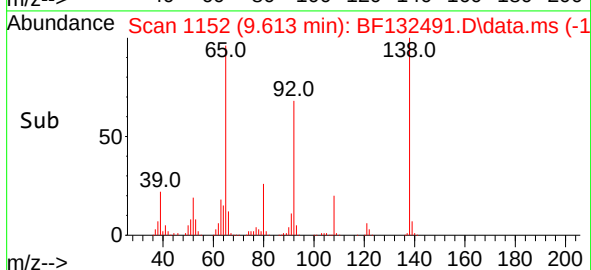
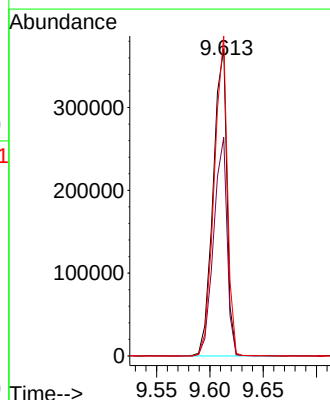
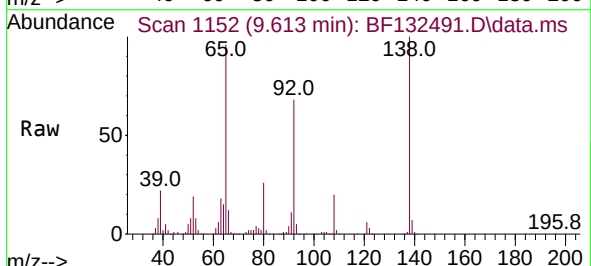
Tgt Ion: 65 Resp: 333648

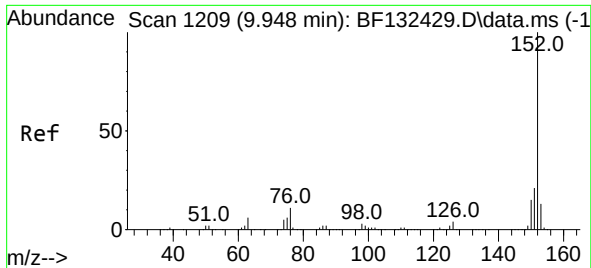
Ion Ratio Lower Upper

65 100

92 71.1 53.5 80.3

138 104.1 72.2 108.4





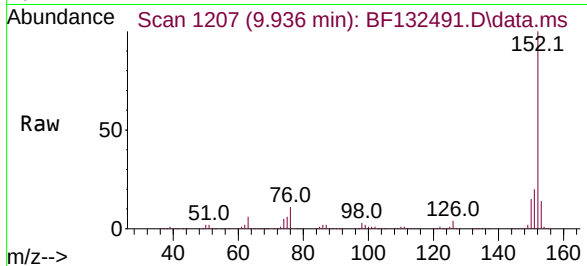
#49
Acenaphthylene
Concen: 38.338 ng
RT: 9.936 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

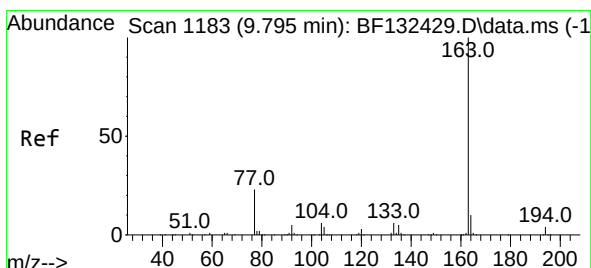
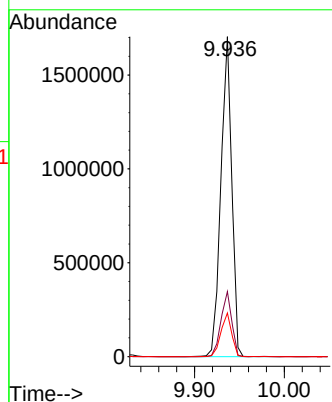
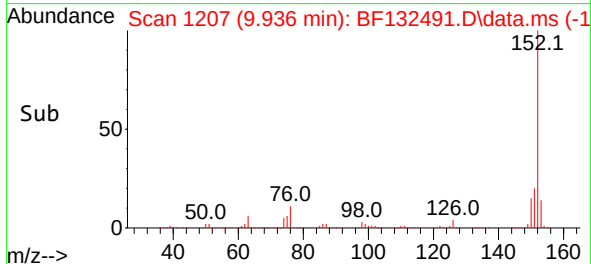


Tgt Ion:152 Resp: 1433923
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.6 10.7 16.1

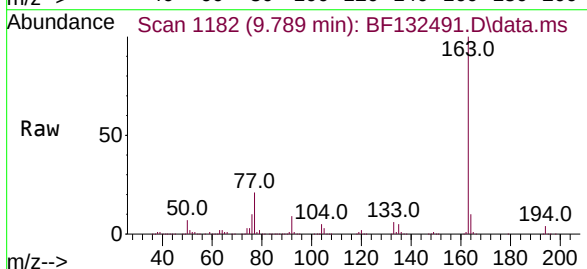
Manual Integrations

APPROVED

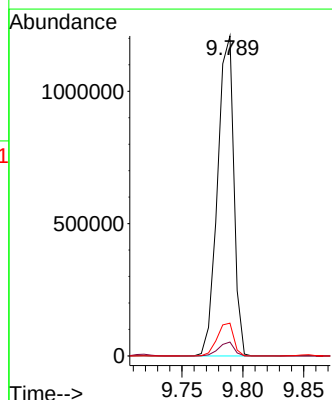
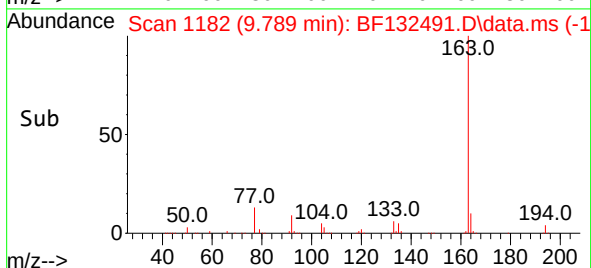
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

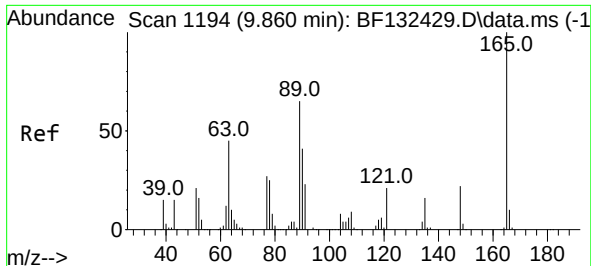


#50
Dimethylphthalate
Concen: 39.438 ng
RT: 9.789 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:163 Resp: 1125436
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.4 12.6





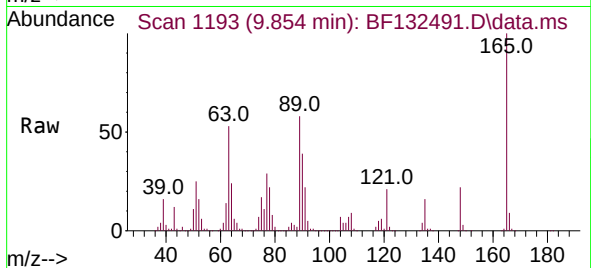
#51
2,6-Dinitrotoluene
Concen: 41.586 ng
RT: 9.854 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

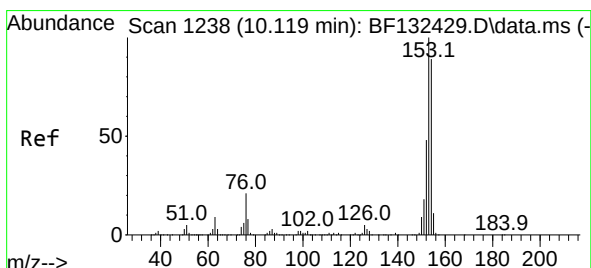
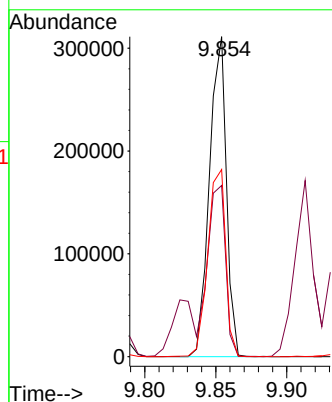
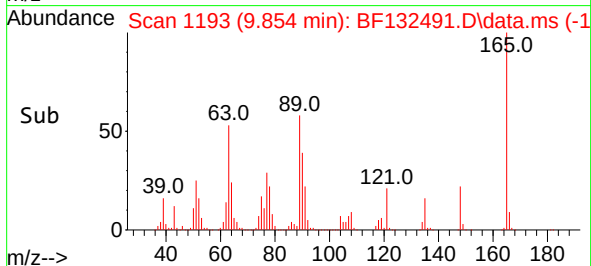


Tgt Ion:165 Resp: 258080
Ion Ratio Lower Upper
165 100
63 53.5 50.4 75.6
89 58.5 52.2 78.2

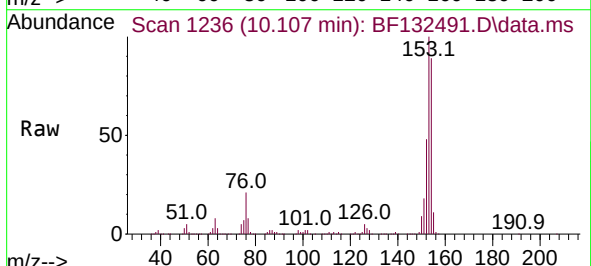
Manual Integrations

APPROVED

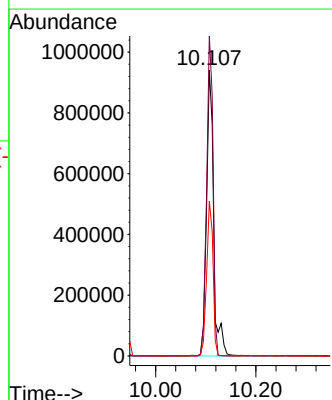
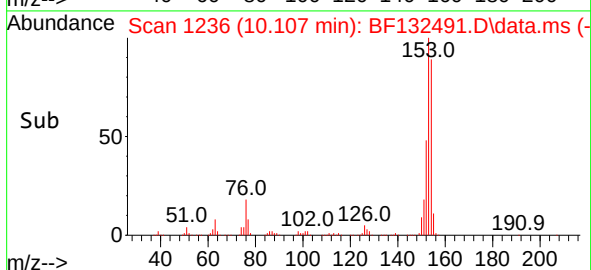
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

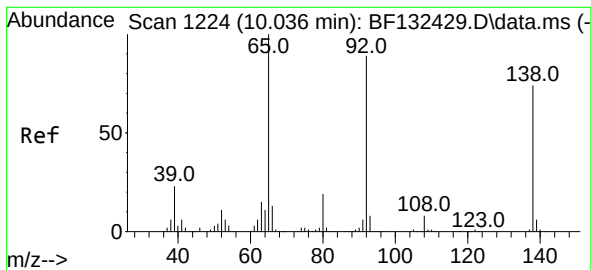


#52
Acenaphthene
Concen: 39.795 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:154 Resp: 926281
Ion Ratio Lower Upper
154 100
153 112.0 89.7 134.5
152 54.2 43.4 65.0





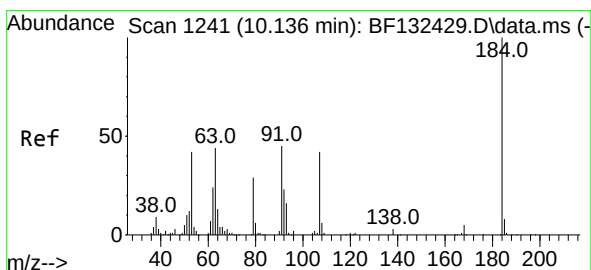
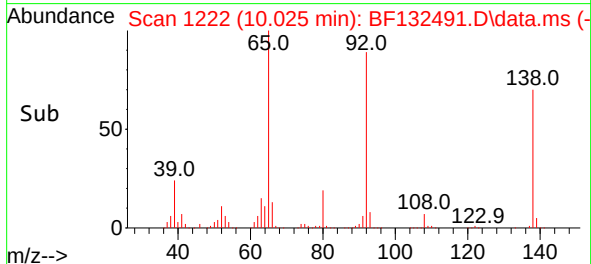
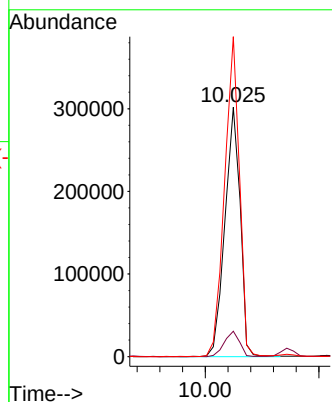
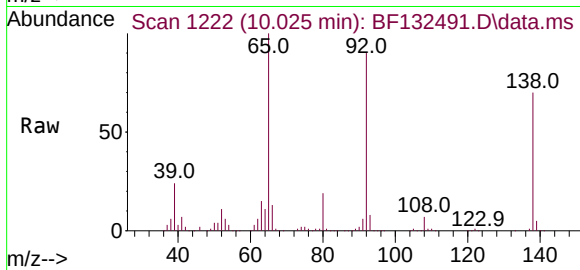
#53
3-Nitroaniline
Concen: 39.369 ng
RT: 10.025 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 280513
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 128.4 96.0 144.0

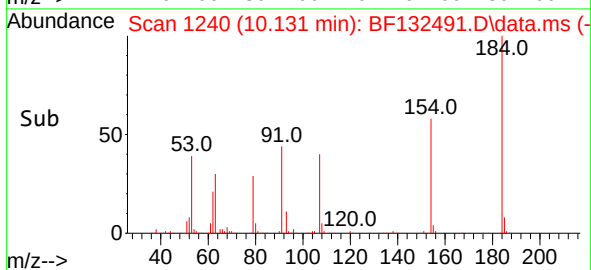
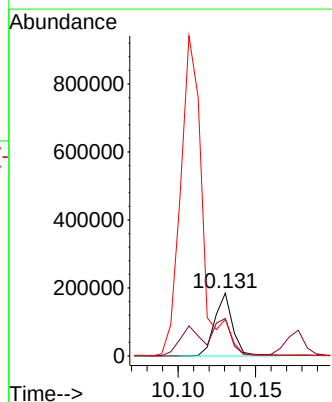
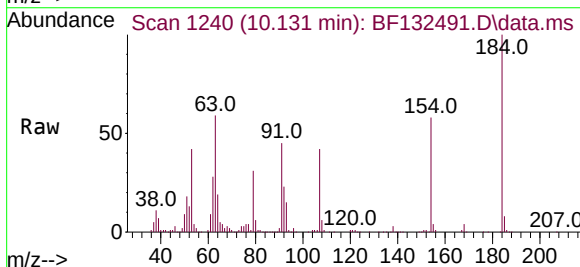
Manual Integrations
APPROVED

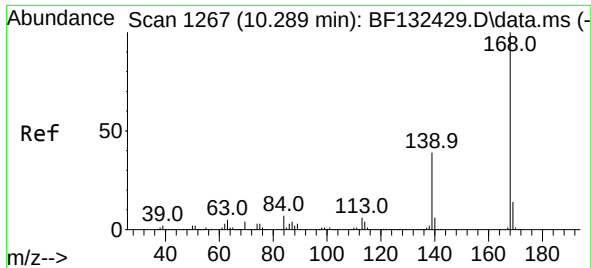
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#54
2,4-Dinitrophenol
Concen: 41.393 ng
RT: 10.131 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

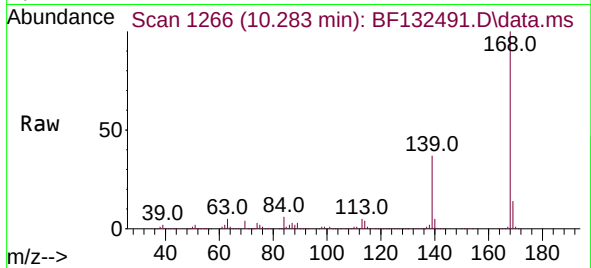
Tgt Ion:184 Resp: 149320
Ion Ratio Lower Upper
184 100
63 59.5 47.0 70.6
154 58.2 49.0 73.6





#55
Dibenzenofuran
Concen: 38.589 ng
RT: 10.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

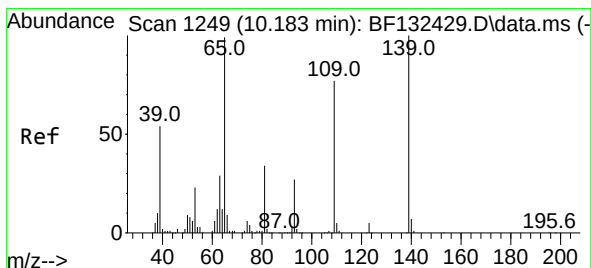
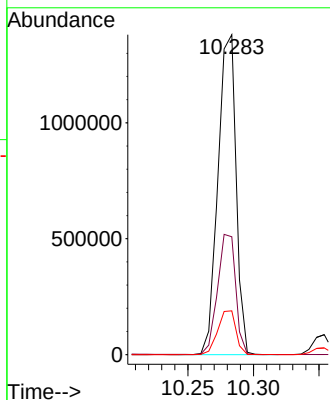
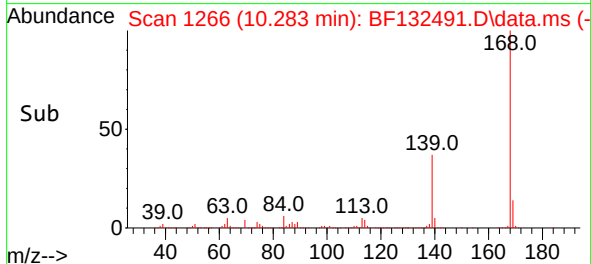
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1332664
Ion Ratio Lower Upper
168 100
139 36.8 31.0 46.4
169 13.7 11.0 16.4

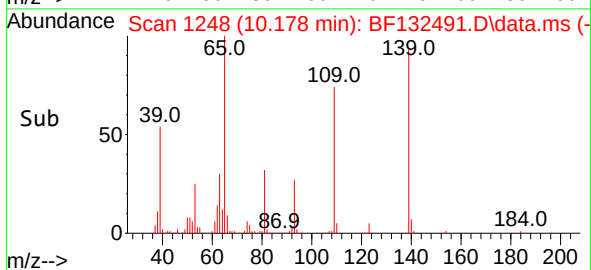
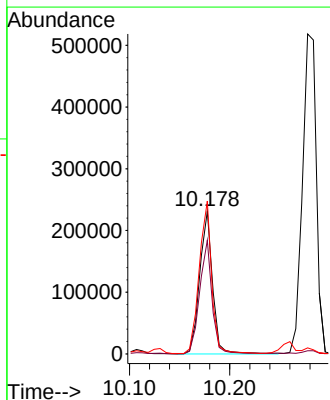
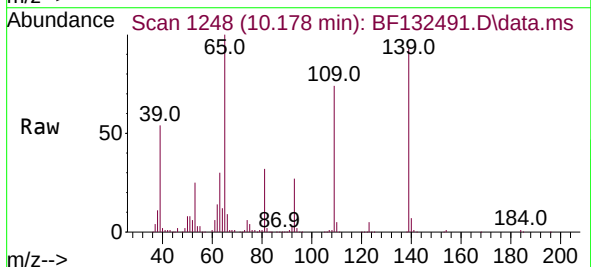
Manual Integrations
APPROVED

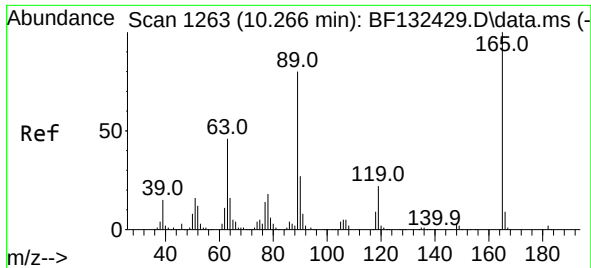
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#56
4-Nitrophenol
Concen: 39.766 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:139 Resp: 205561
Ion Ratio Lower Upper
139 100
109 79.7 57.2 97.2
65 107.1 79.2 119.2





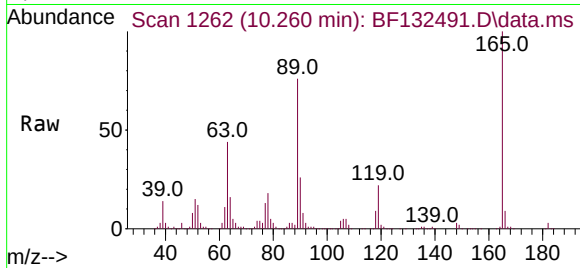
#57
2,4-Dinitrotoluene
Concen: 41.222 ng
RT: 10.260 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

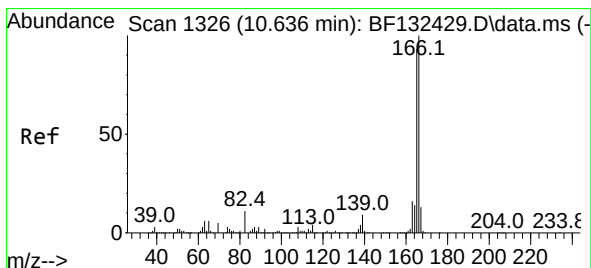
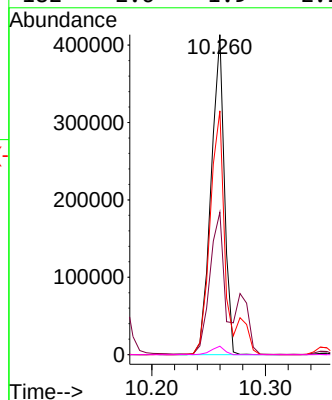
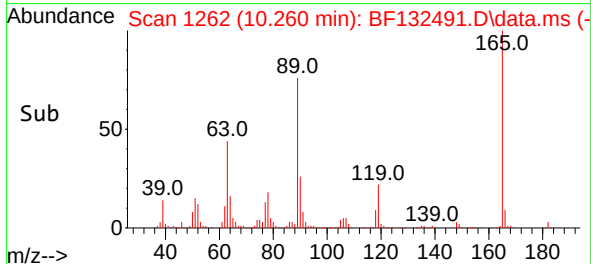


Tgt Ion:165 Resp: 336756
Ion Ratio Lower Upper
165 100
63 44.5 37.1 55.7
89 76.2 63.6 95.4
182 2.6 1.9 2.9

Manual Integrations

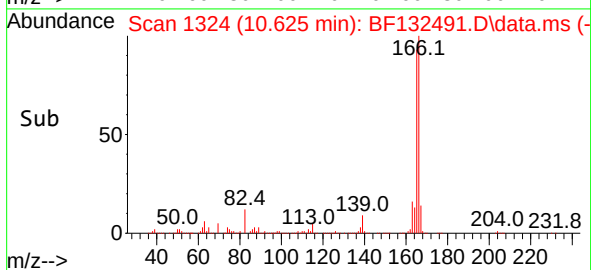
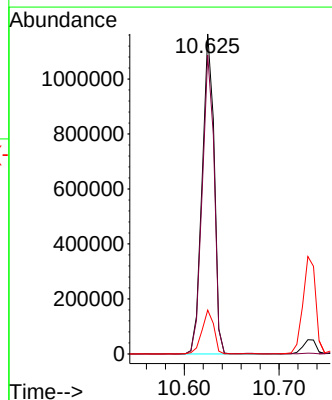
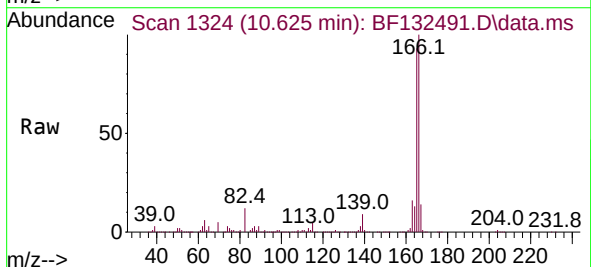
APPROVED

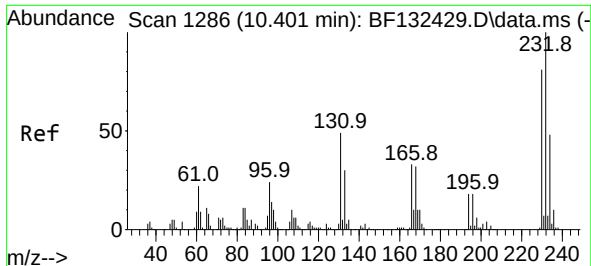
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#58
Fluorene
Concen: 39.161 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:166 Resp: 1022491
Ion Ratio Lower Upper
166 100
165 93.3 74.6 111.8
167 13.7 10.8 16.2





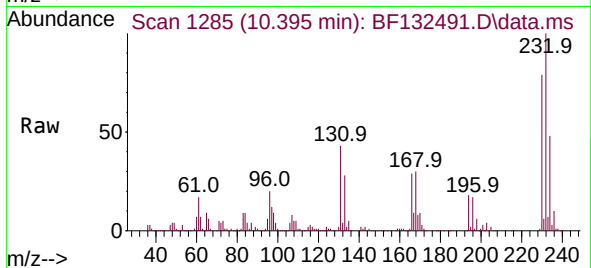
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.461 ng
RT: 10.395 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

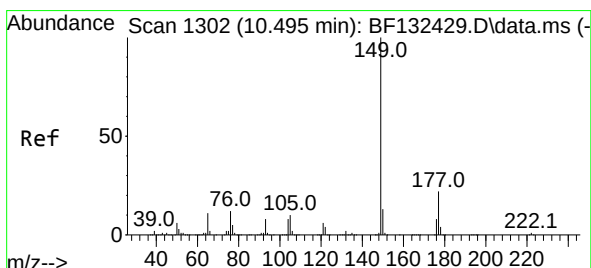
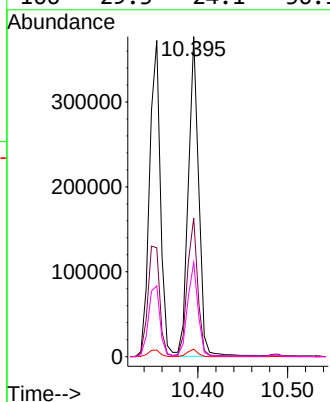
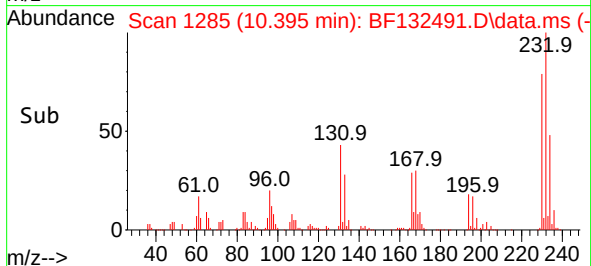


Tgt Ion:232 Resp: 301886
Ion Ratio Lower Upper
232 100
131 43.6 35.8 53.8
130 2.3 1.8 2.8
166 29.3 24.1 36.1

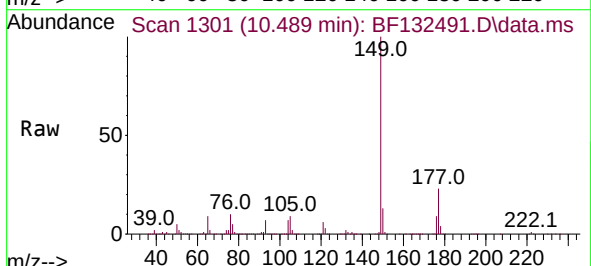
Manual Integrations

APPROVED

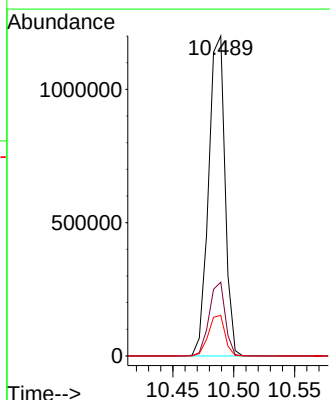
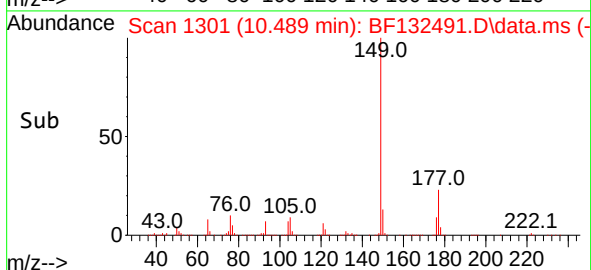
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

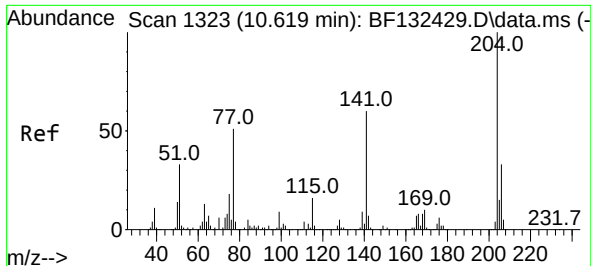


#60
Diethylphthalate
Concen: 40.067 ng
RT: 10.489 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



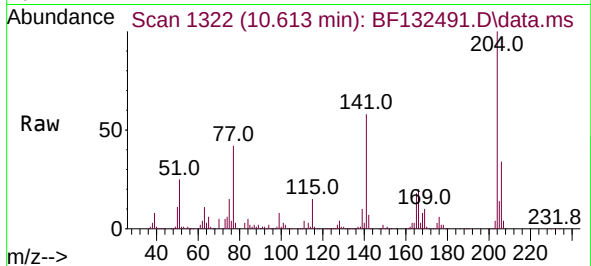
Tgt Ion:149 Resp: 1123955
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.828 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

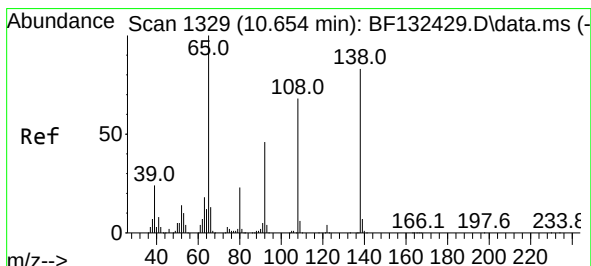
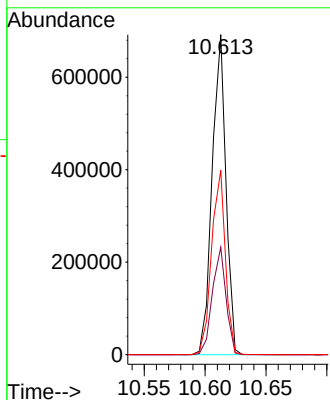
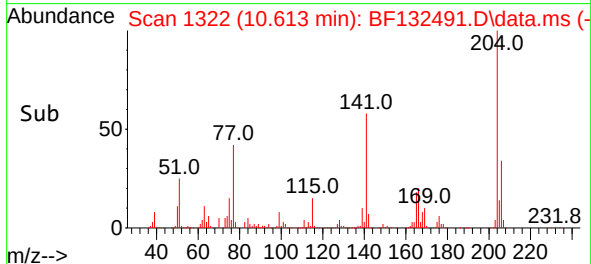
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



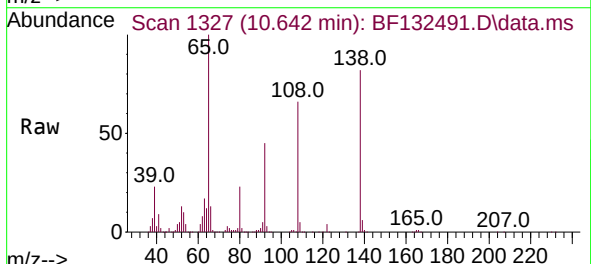
Tgt Ion:204 Resp: 544566
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 57.6 48.2 72.2

Manual Integrations
APPROVED

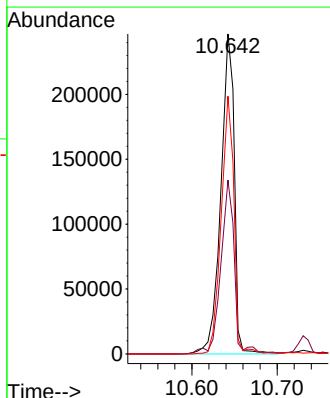
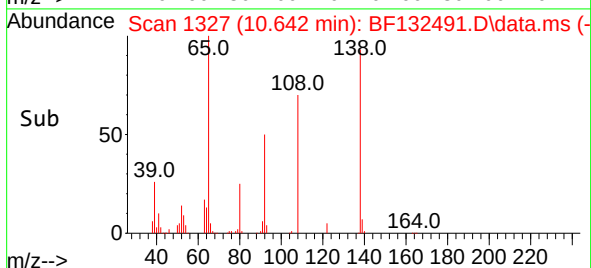
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

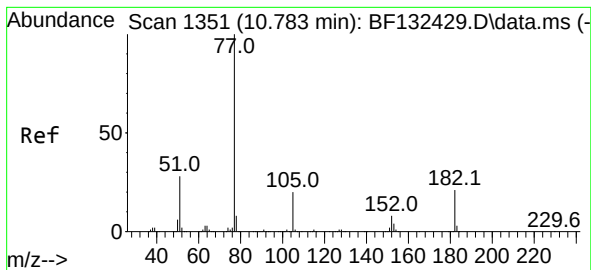


#62
4-Nitroaniline
Concen: 40.696 ng
RT: 10.642 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



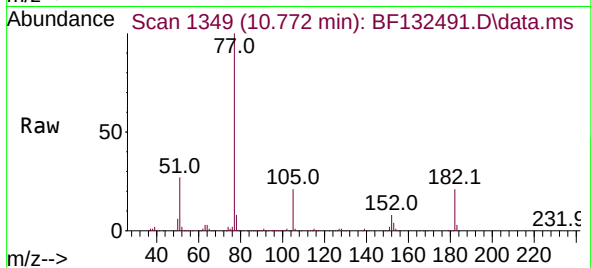
Tgt Ion:138 Resp: 270578
Ion Ratio Lower Upper
138 100
92 54.3 35.9 75.9
108 80.5 62.1 102.1





#63
Azobenzene
Concen: 38.518 ng
RT: 10.772 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

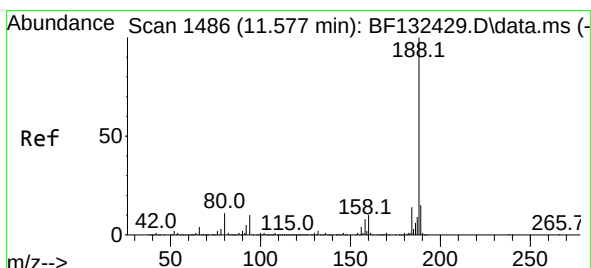
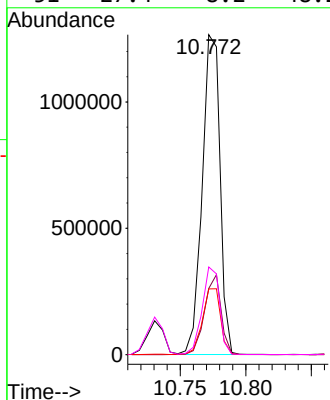
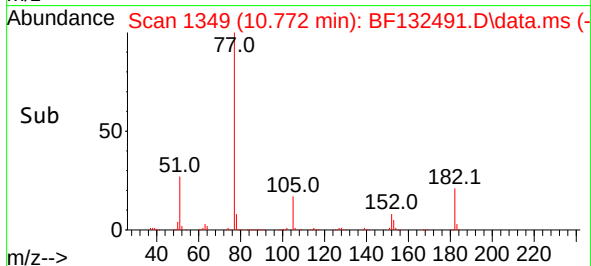
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1195529
Ion Ratio Lower Upper
77 100
182 20.7 1.4 41.4
105 20.5 0.1 40.1
51 27.4 8.2 48.2

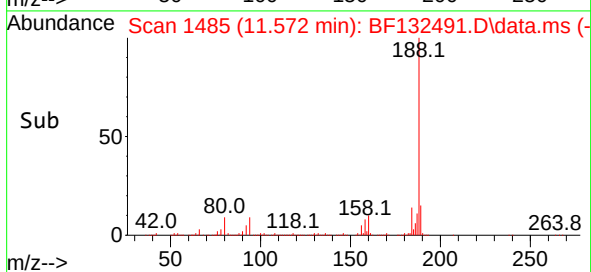
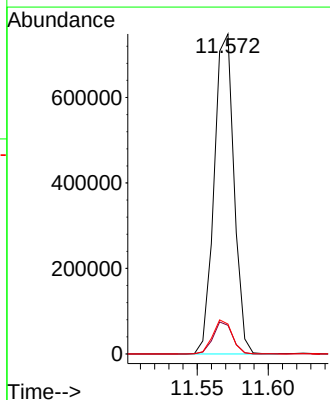
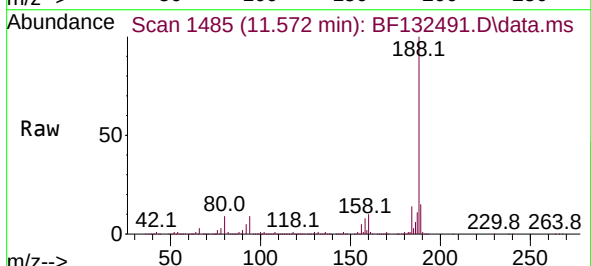
Manual Integrations
APPROVED

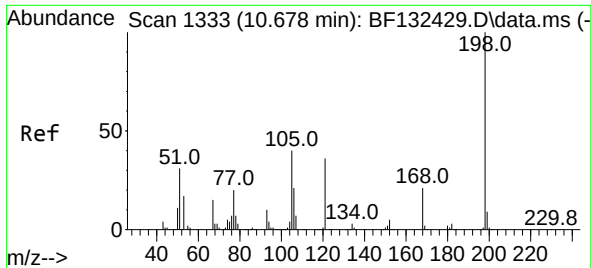
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

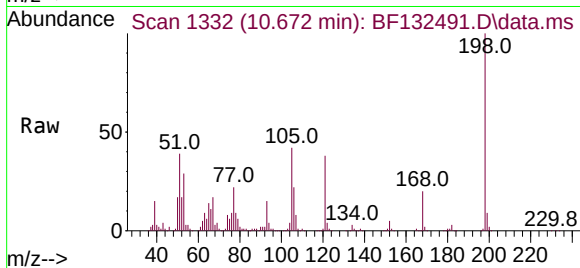
Tgt Ion:188 Resp: 730202
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.3 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.041 ng
RT: 10.672 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

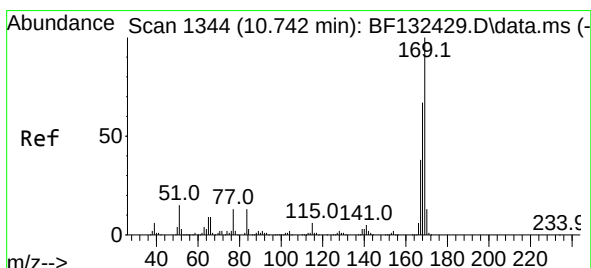
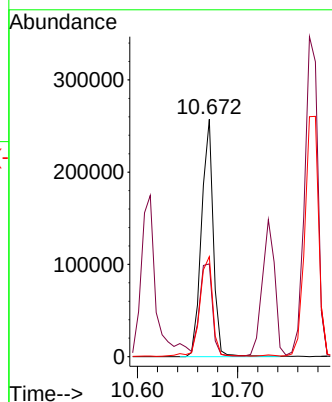
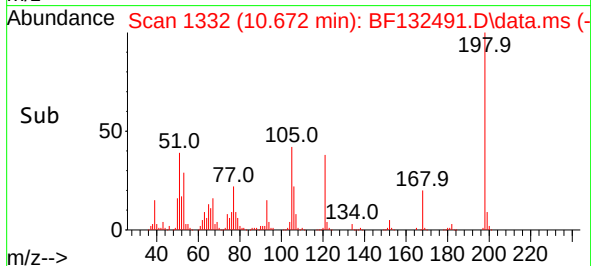
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



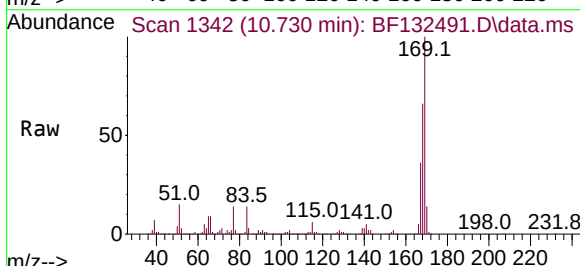
Tgt Ion:198 Resp: 209018
Ion Ratio Lower Upper
198 100
51 39.1 17.4 57.4
105 42.1 21.3 61.3

Manual Integrations
APPROVED

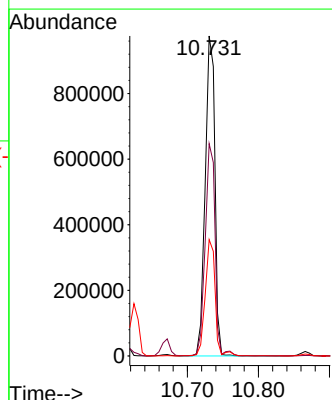
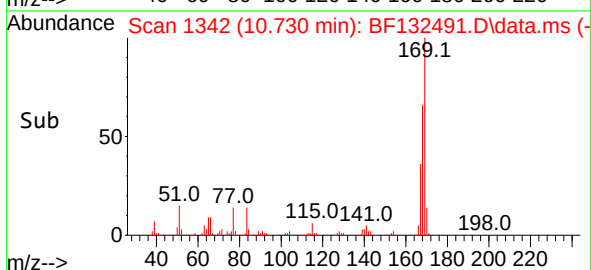
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

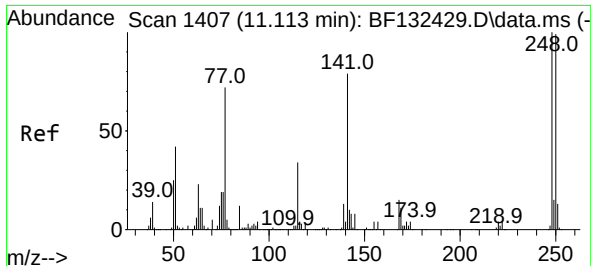


#66
n-Nitrosodiphenylamine
Concen: 40.797 ng
RT: 10.730 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



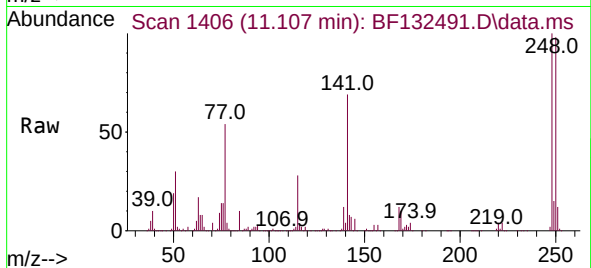
Tgt Ion:169 Resp: 914332
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.3 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 42.822 ng
RT: 11.107 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

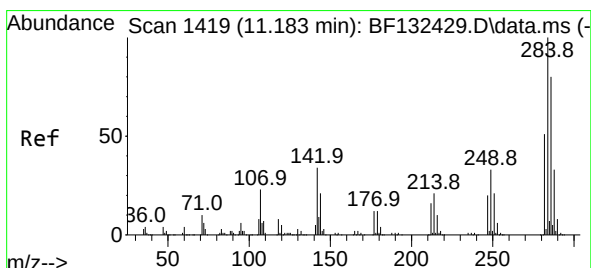
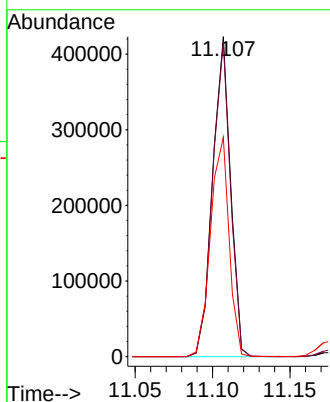
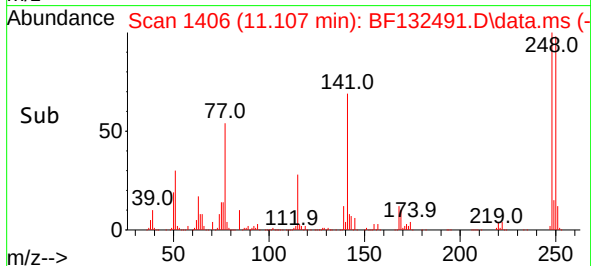
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



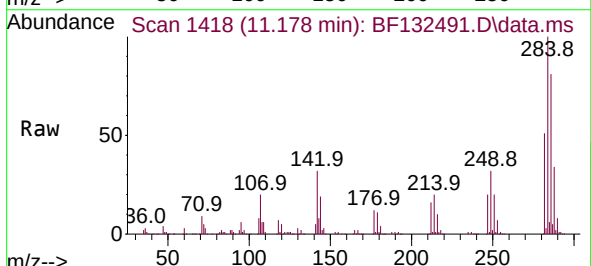
Tgt Ion:248 Resp: 342703
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 68.5 63.3 94.9

Manual Integrations
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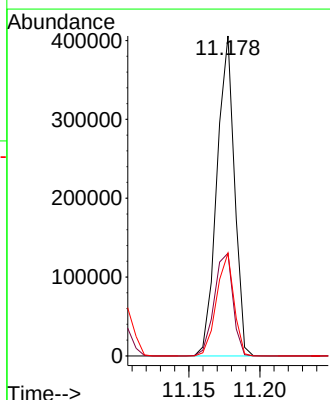
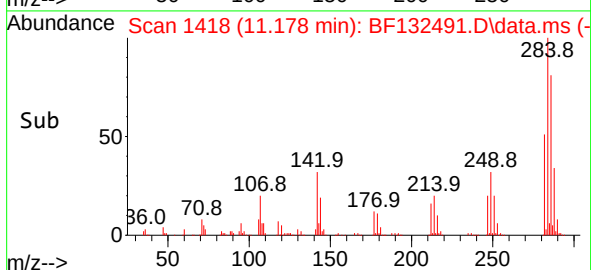
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

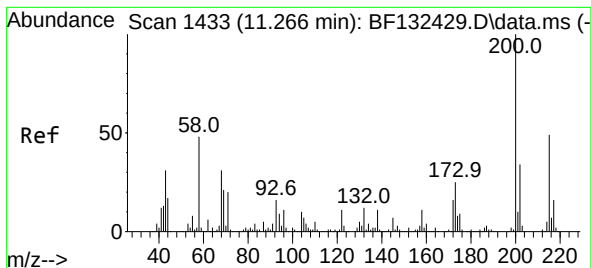


#68
Hexachlorobenzene
Concen: 41.827 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:284 Resp: 349908
Ion Ratio Lower Upper
284 100
142 32.1 27.5 41.3
249 32.1 26.2 39.4





#69

Atrazine

Concen: 42.202 ng

RT: 11.254 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 291125

Ion Ratio Lower Upper

200 100

173 26.2 5.3 45.3

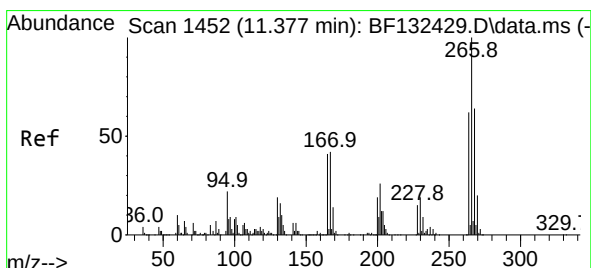
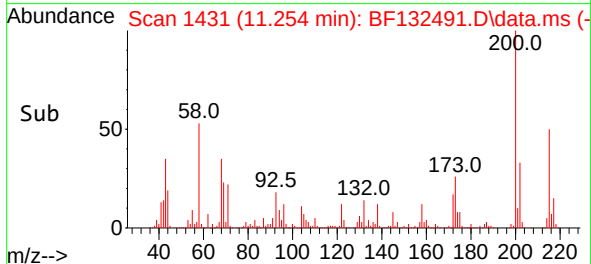
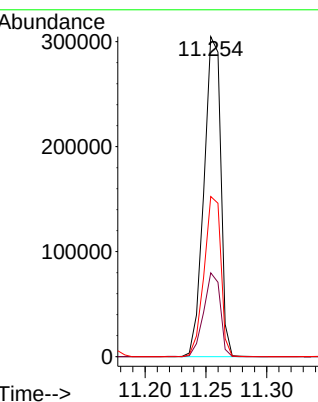
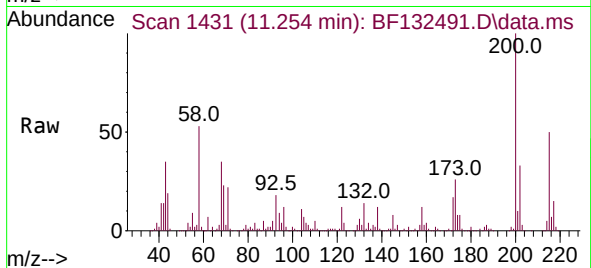
215 50.0 29.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#70

Pentachlorophenol

Concen: 44.720 ng

RT: 11.372 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

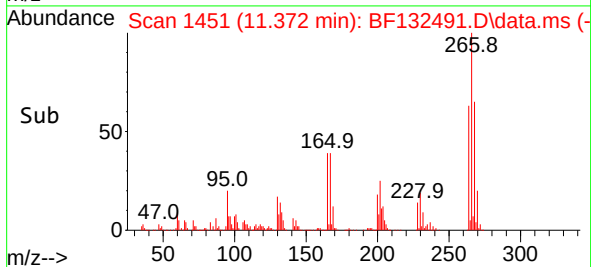
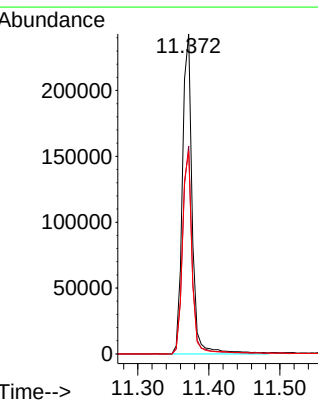
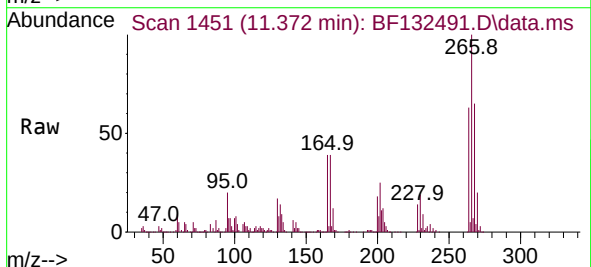
Tgt Ion:266 Resp: 232592

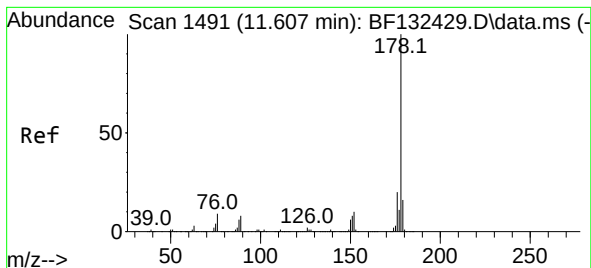
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.4

264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 39.385 ng

RT: 11.595 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1481200

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

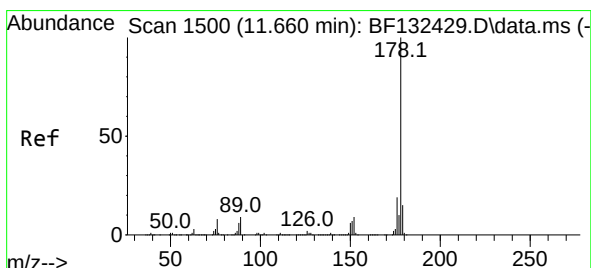
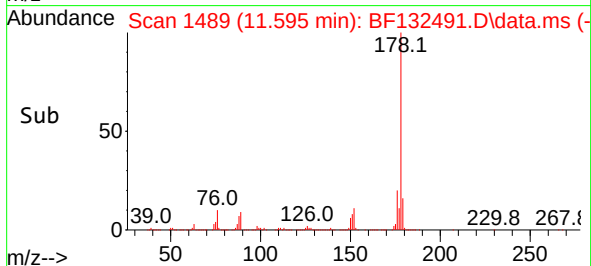
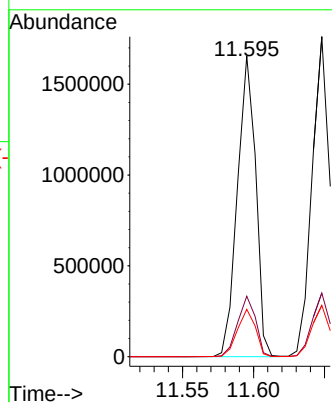
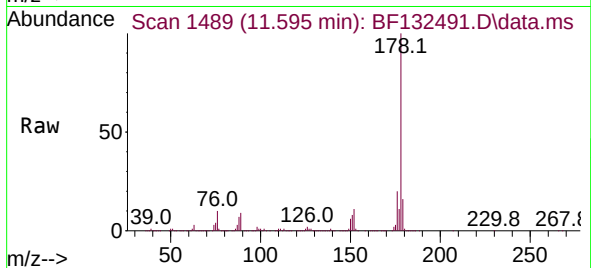
179 15.7 12.6 18.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#72

Anthracene

Concen: 38.943 ng

RT: 11.648 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

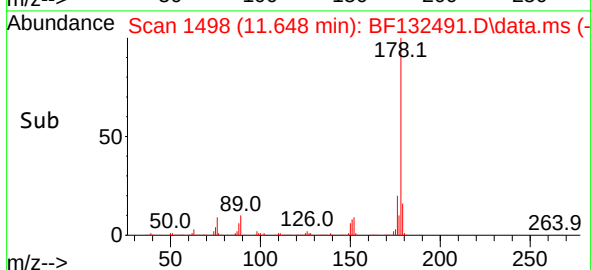
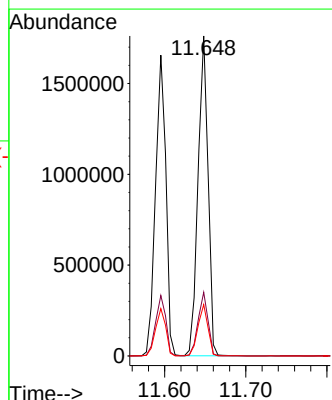
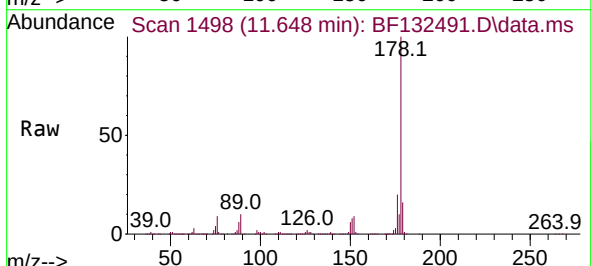
Tgt Ion:178 Resp: 1505608

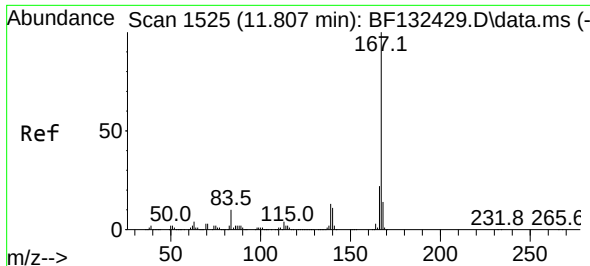
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

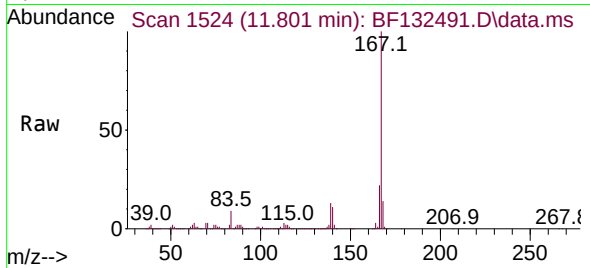
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 38.448 ng
 RT: 11.801 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132491.D
 Acq: 21 Feb 2023 12:13

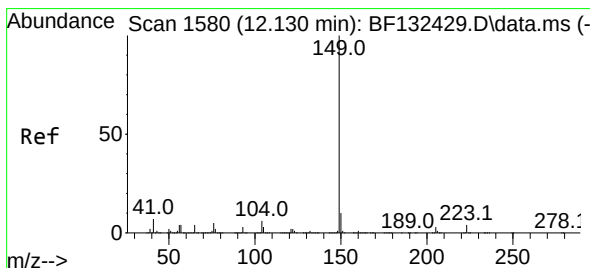
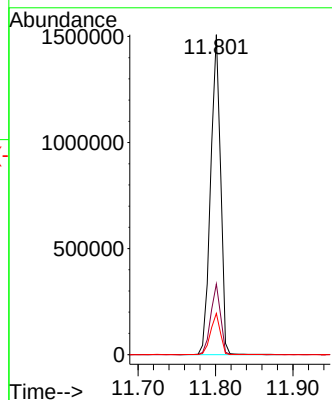
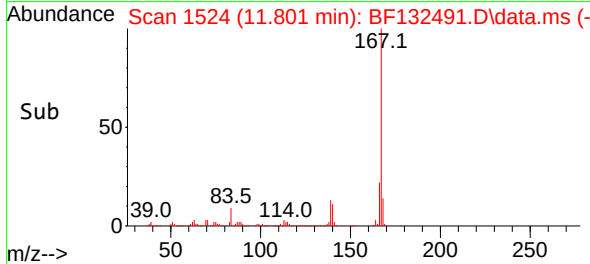
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



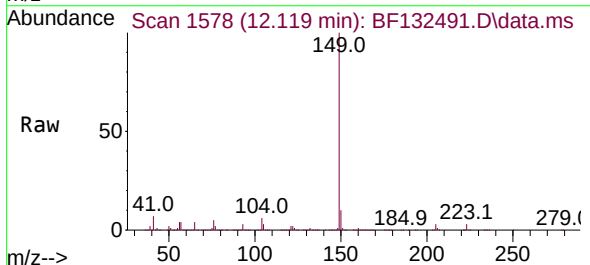
Tgt Ion:167 Resp: 1338062
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.9 10.7 16.1

Manual Integrations
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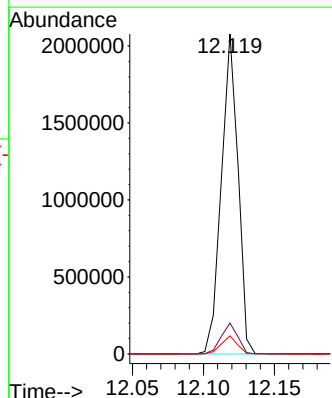
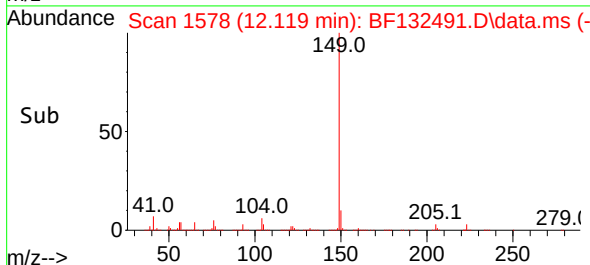
Reviewed By :Christian Giraldo 02/22/2023
 Supervised By :Jagrut Upadhyay 02/22/2023

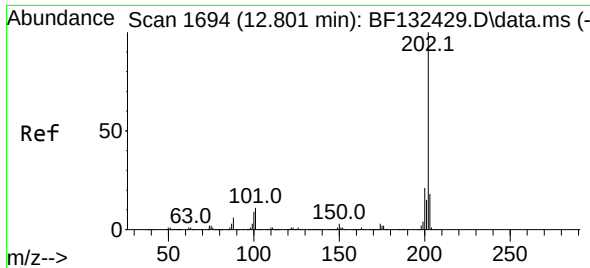


#74
 Di-n-butylphthalate
 Concen: 40.969 ng
 RT: 12.119 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF132491.D
 Acq: 21 Feb 2023 12:13



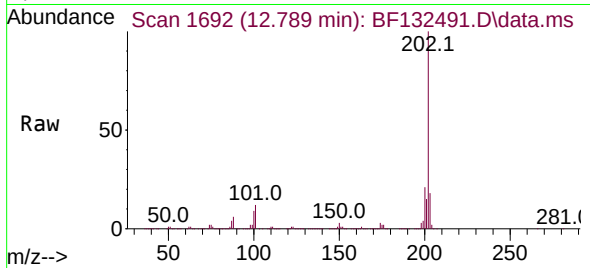
Tgt Ion:149 Resp: 1698266
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.6 4.5 6.7





#75
Fluoranthene
Concen: 38.142 ng
RT: 12.789 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

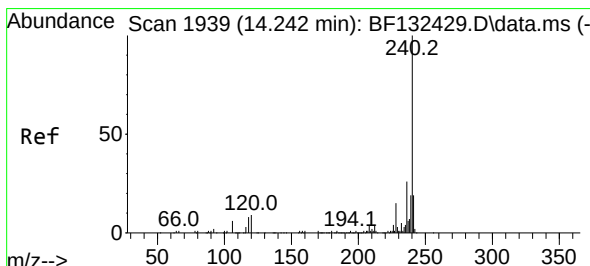
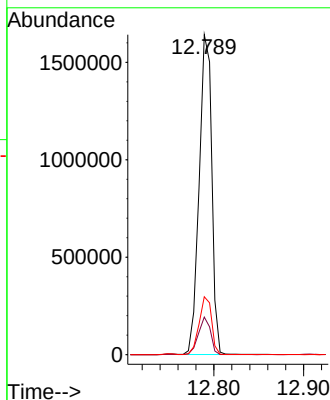
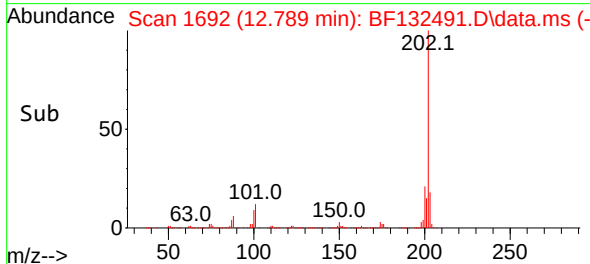
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1599706
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 18.1 0.0 37.8

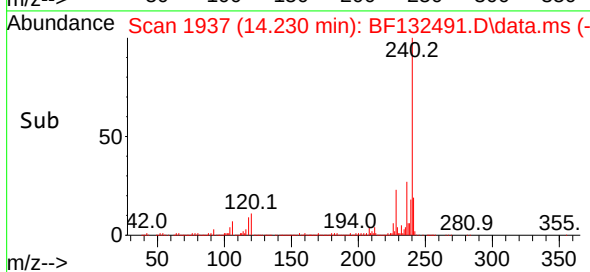
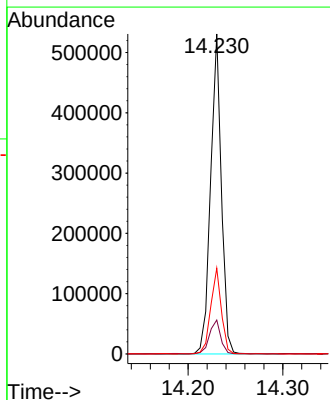
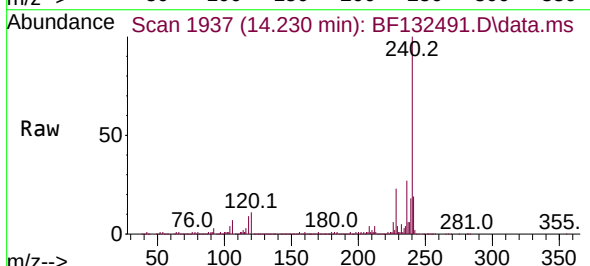
Manual Integrations
APPROVED

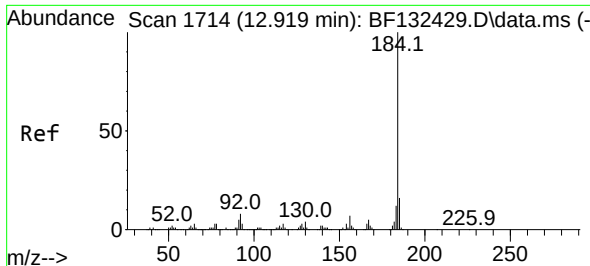
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:240 Resp: 420703
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 26.8 21.0 31.6





#77
Benzidine
Concen: 46.541 ng
RT: 12.907 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

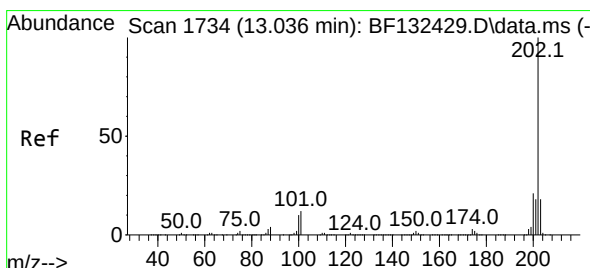
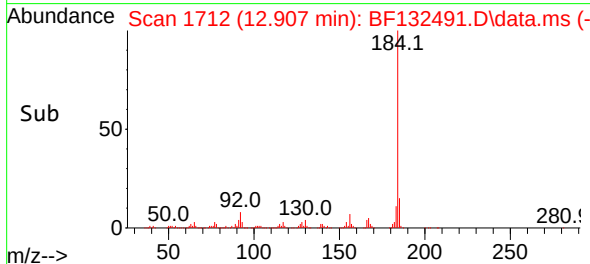
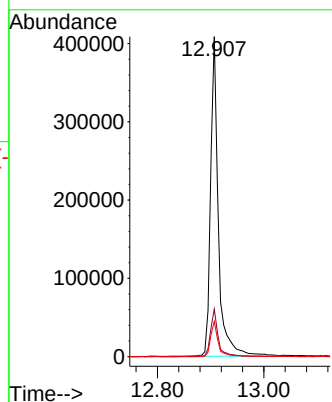
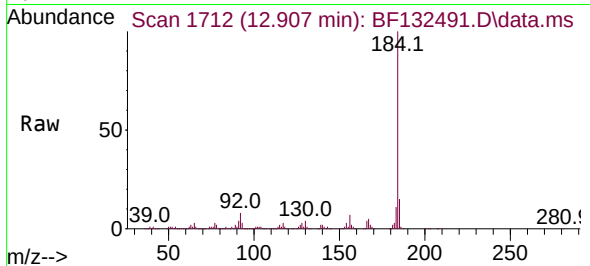
SSTDCCC040

Tgt Ion:184 Resp: 416935
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 11.0 9.2 13.8

Manual Integrations

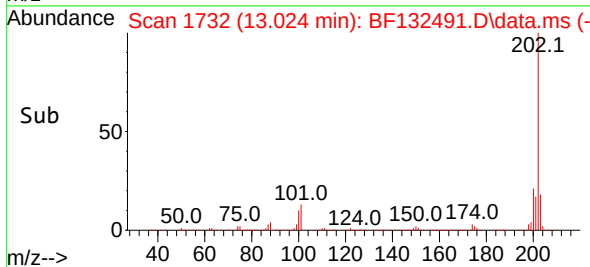
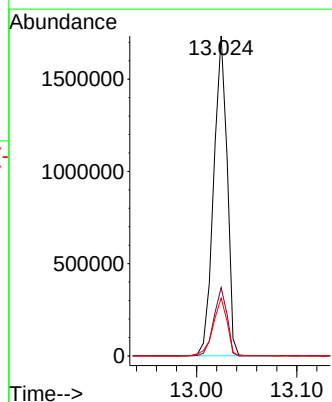
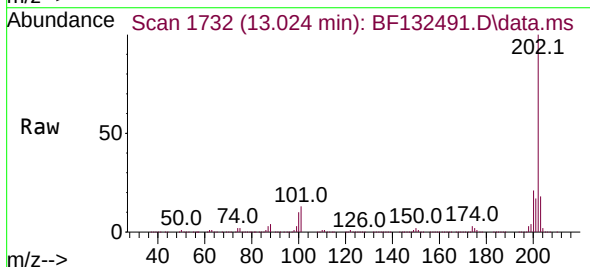
APPROVED

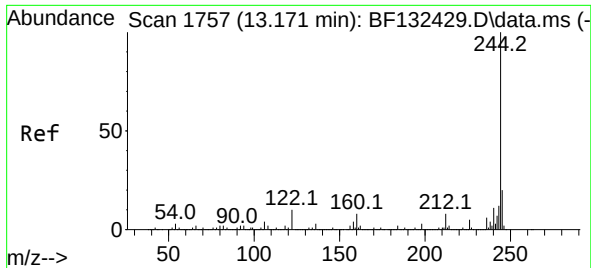
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#78
Pyrene
Concen: 45.052 ng
RT: 13.024 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

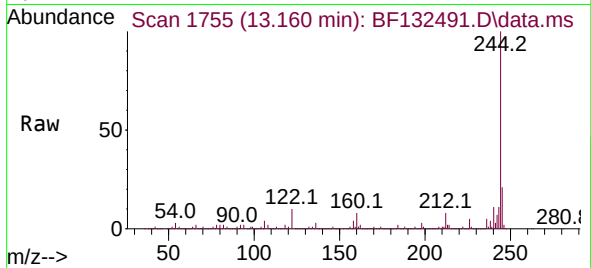
Tgt Ion:202 Resp: 1610101
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 18.1 14.3 21.5





#79
Terphenyl-d14
Concen: 91.570 ng
RT: 13.160 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

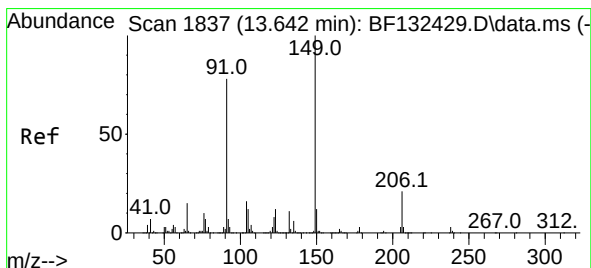
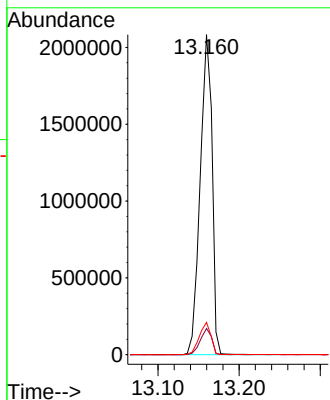
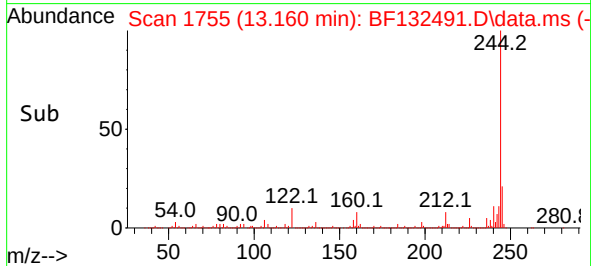
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:244 Resp: 2115292
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 10.1 7.7 11.5

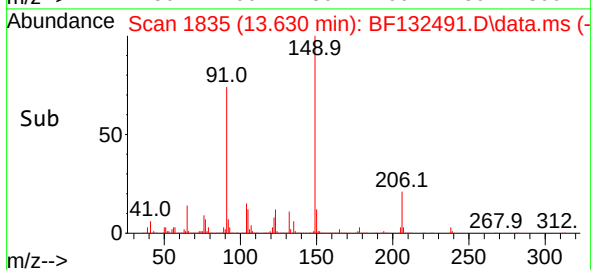
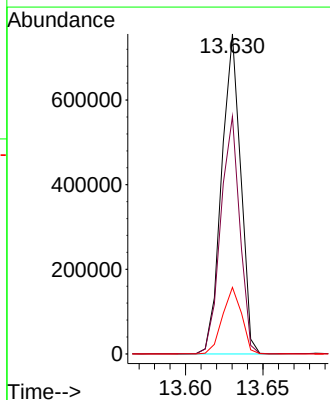
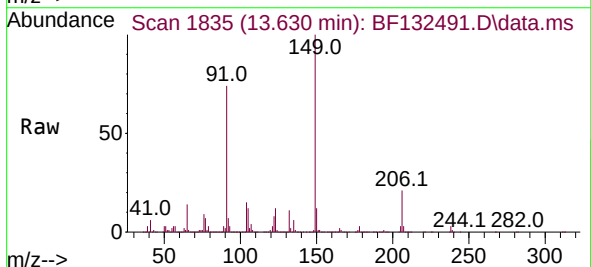
Manual Integrations
APPROVED

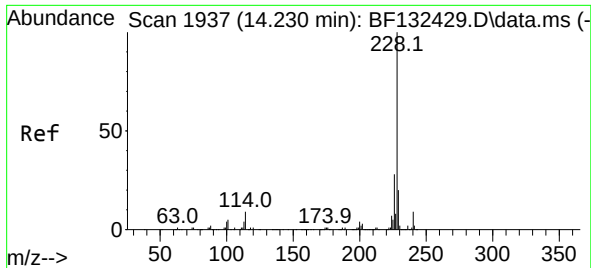
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#80
Butylbenzylphthalate
Concen: 48.699 ng
RT: 13.630 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

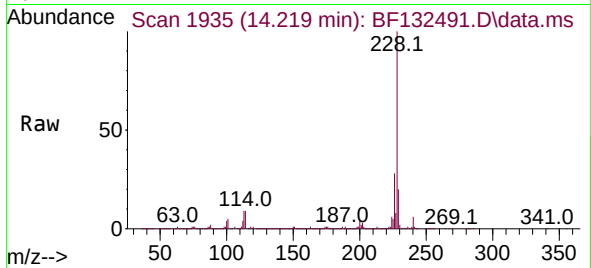
Tgt Ion:149 Resp: 649437
Ion Ratio Lower Upper
149 100
91 74.2 62.8 94.2
206 20.8 16.9 25.3





#81
Benzo(a)anthracene
Concen: 40.623 ng
RT: 14.219 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

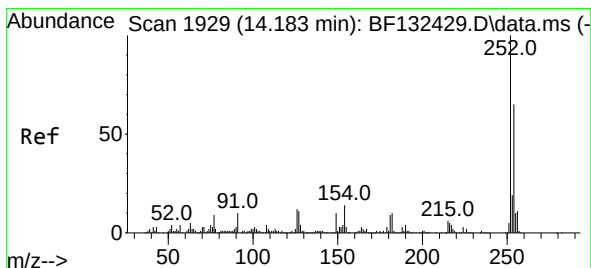
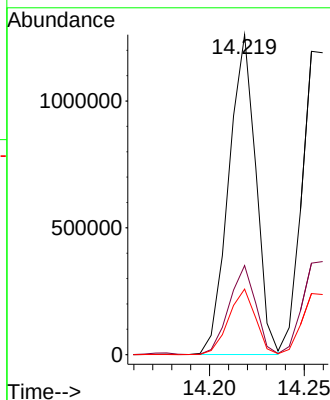
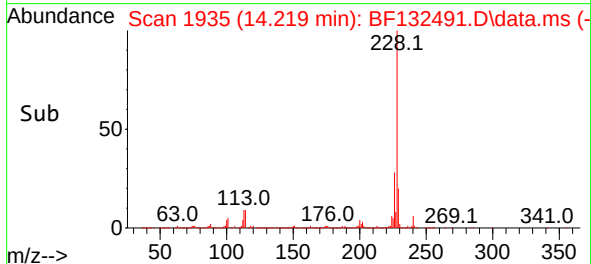
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



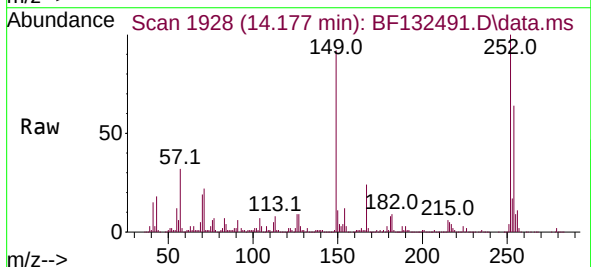
Tgt Ion:228 Resp: 1251688
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.5 16.2 24.4

Manual Integrations
APPROVED

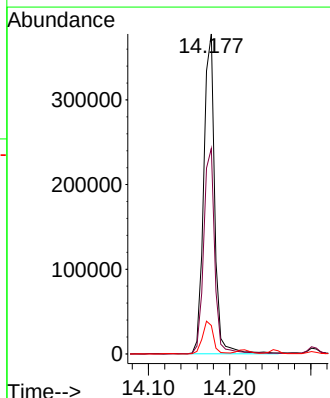
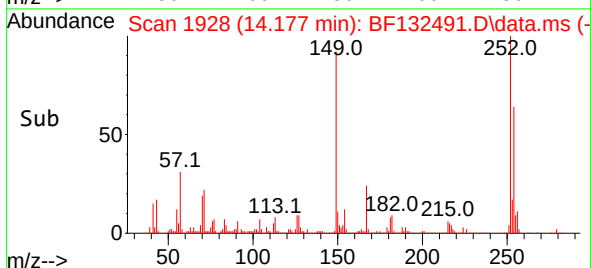
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

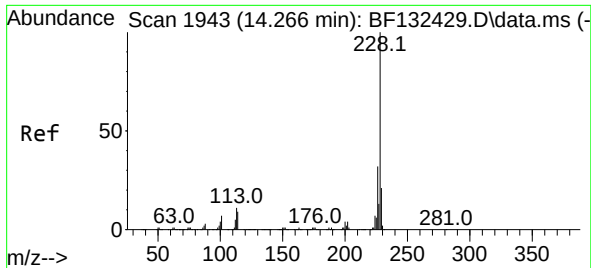


#82
3,3'-Dichlorobenzidine
Concen: 43.254 ng
RT: 14.177 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



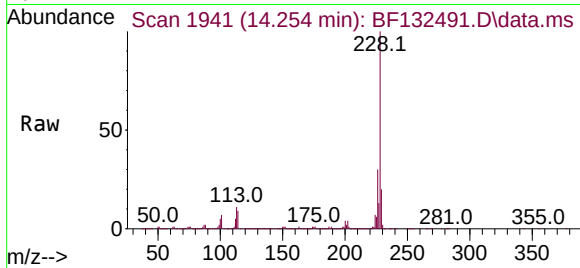
Tgt Ion:252 Resp: 355988
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.2
126 8.9 9.6 14.4





#83
Chrysene
Concen: 39.759 ng
RT: 14.254 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

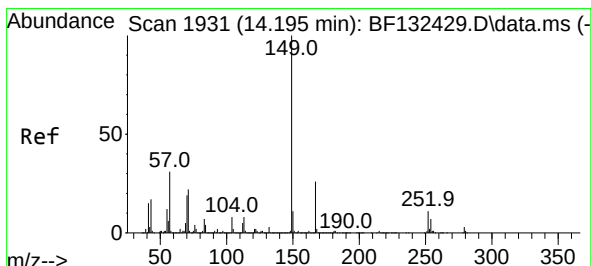
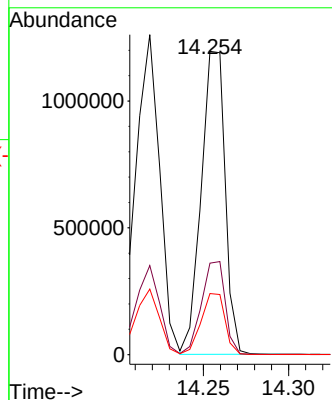
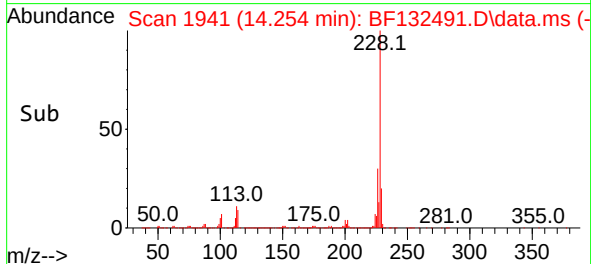
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1170485
Ion Ratio Lower Upper
228 100
226 30.2 25.4 38.2
229 20.2 16.6 25.0

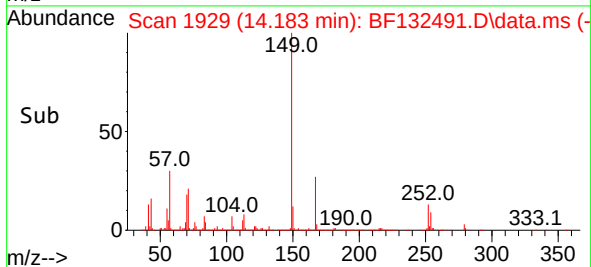
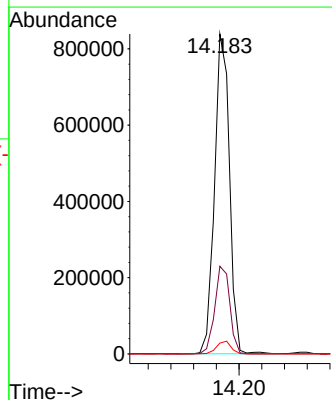
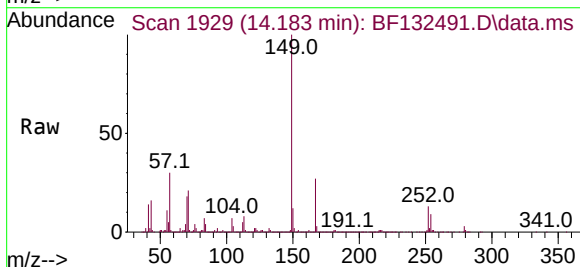
Manual Integrations
APPROVED

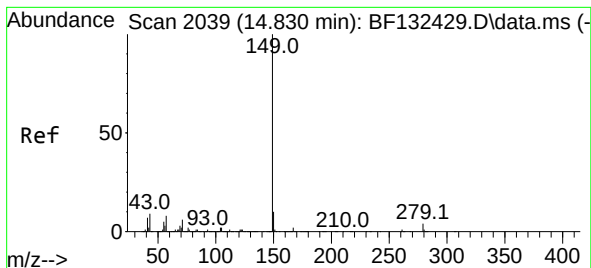
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.297 ng
RT: 14.183 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:149 Resp: 764712
Ion Ratio Lower Upper
149 100
167 27.4 21.0 31.6
279 3.4 2.5 3.7





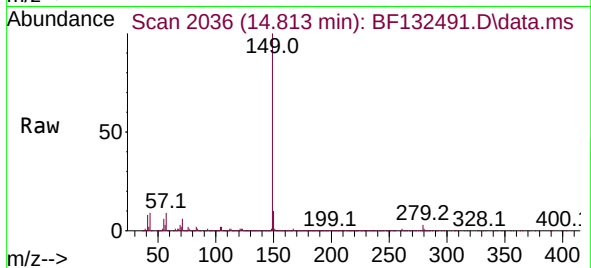
#85
Di-n-octyl phthalate
Concen: 45.757 ng
RT: 14.813 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

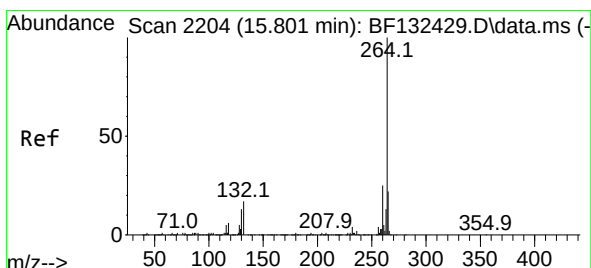
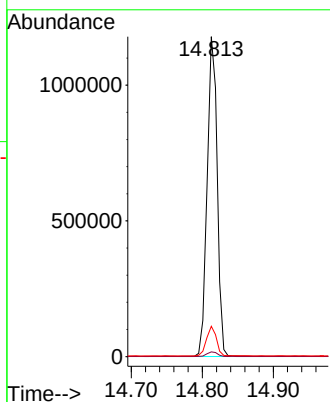
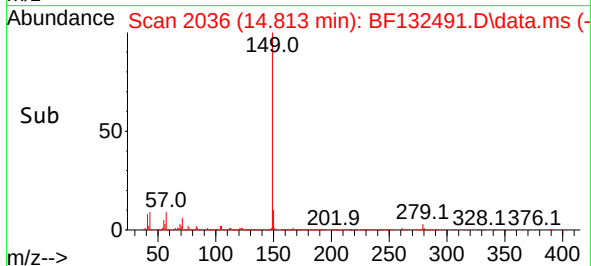


Tgt Ion:149 Resp: 1147019
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 8.0 12.0

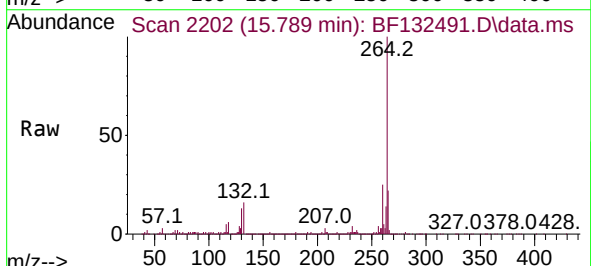
Manual Integrations

APPROVED

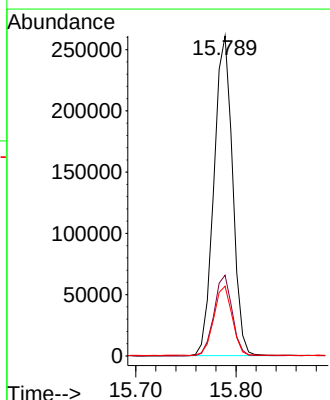
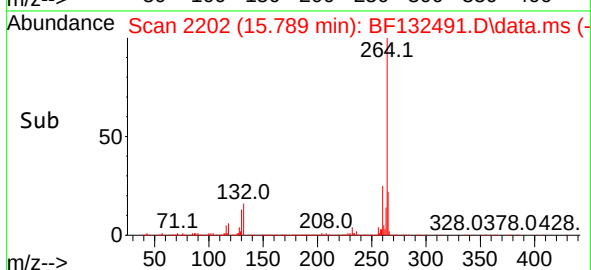
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

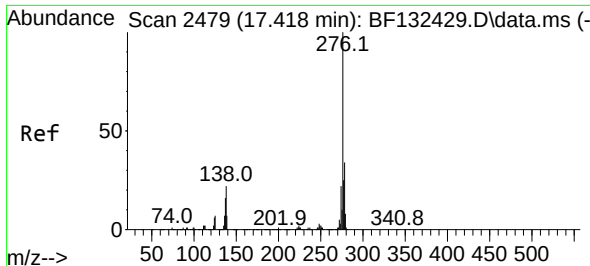


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.789 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13



Tgt Ion:264 Resp: 337150
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 21.8 17.2 25.8





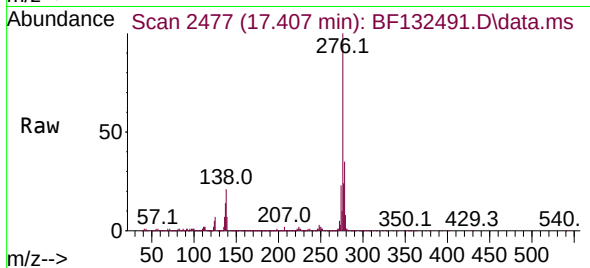
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.790 ng
RT: 17.407 min Scan# 2479
Delta R.T. 0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

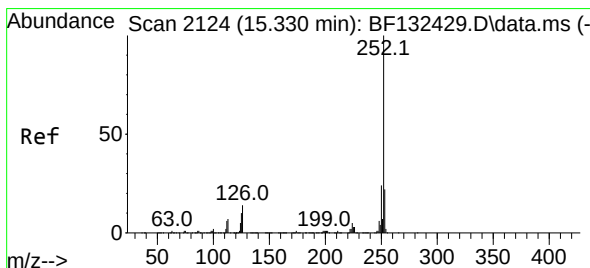
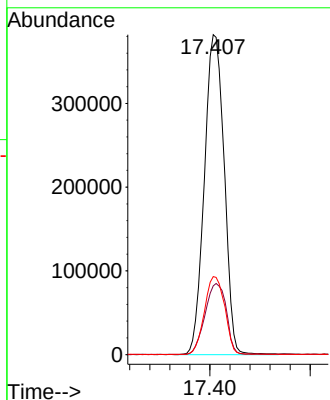
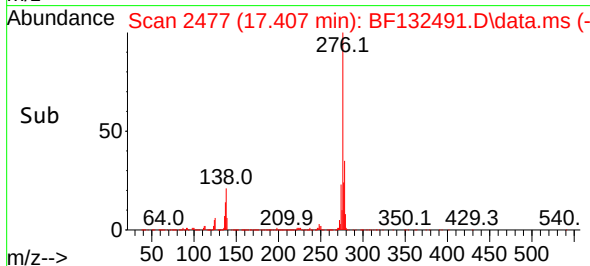


Tgt Ion:276 Resp: 1051509
Ion Ratio Lower Upper
276 100
138 23.6 20.2 30.4
277 24.8 20.0 30.0

Manual Integrations

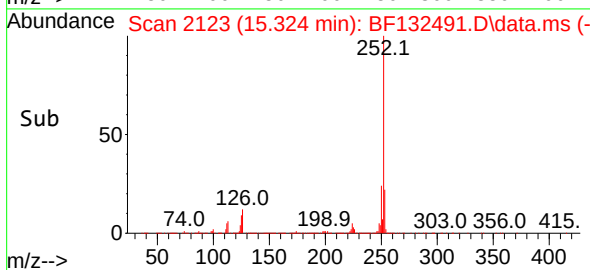
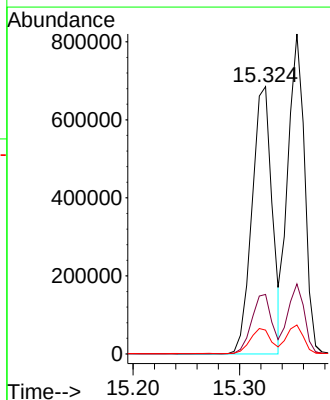
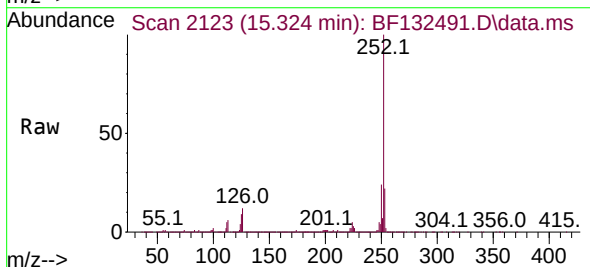
APPROVED

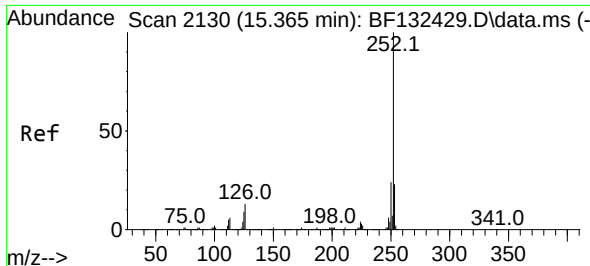
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#88
Benzo(b)fluoranthene
Concen: 40.696 ng
RT: 15.324 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:252 Resp: 902289
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.9 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 40.201 ng

RT: 15.354 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 891953

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

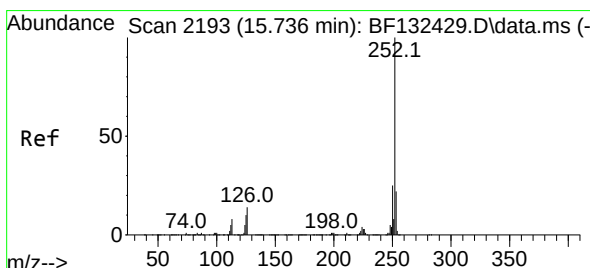
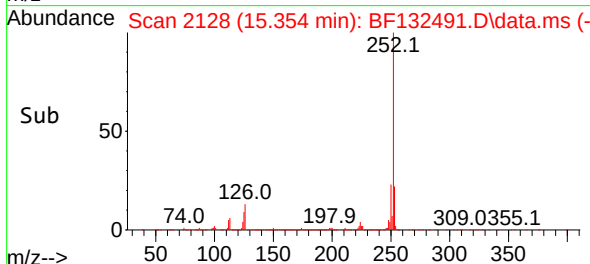
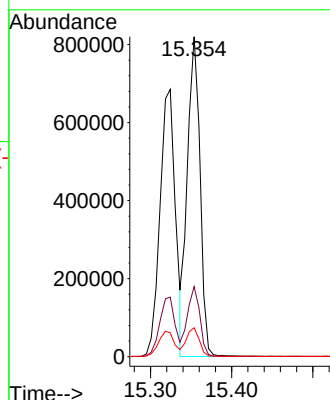
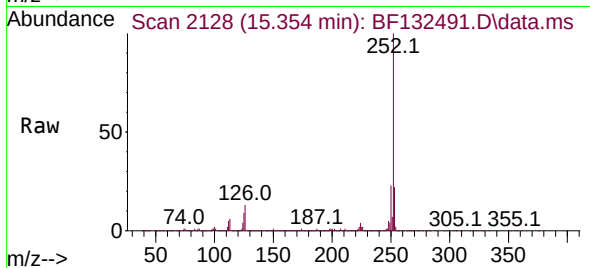
125 9.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023



#90

Benzo(a)pyrene

Concen: 41.155 ng

RT: 15.724 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BF132491.D

Acq: 21 Feb 2023 12:13

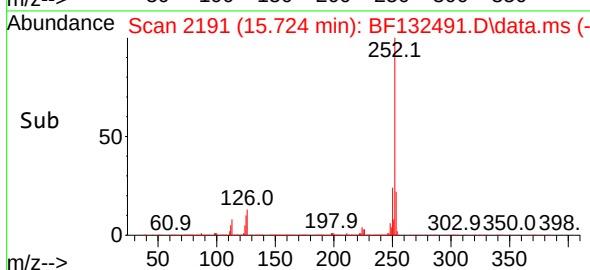
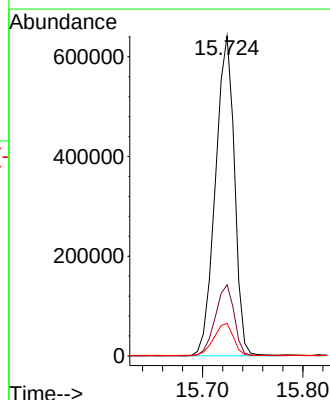
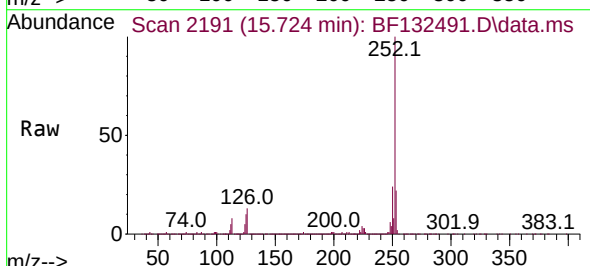
Tgt Ion:252 Resp: 847975

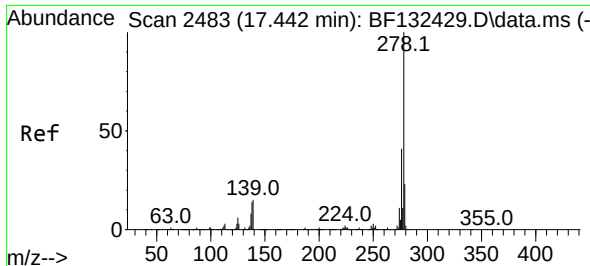
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.1 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 48.385 ng
RT: 17.430 min Scan# 2483
Delta R.T. 0.012 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Instrument :

BNA_F

ClientSampleId :

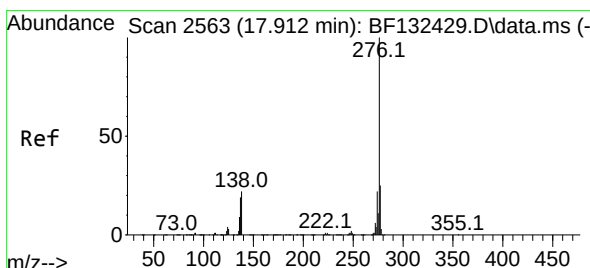
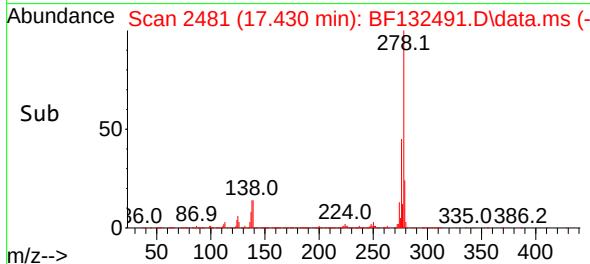
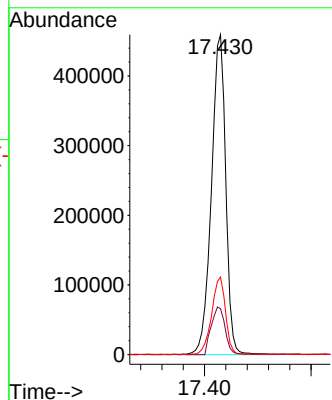
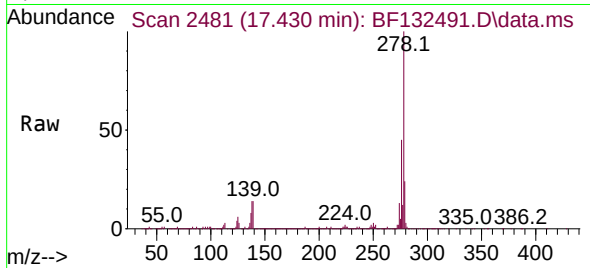
SSTDCCC040

Tgt Ion:278 Resp: 858880
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.2
279 24.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023



#92
Benzo(g,h,i)perylene
Concen: 48.889 ng
RT: 17.907 min Scan# 2562
Delta R.T. 0.012 min
Lab File: BF132491.D
Acq: 21 Feb 2023 12:13

Tgt Ion:276 Resp: 891233
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 20.9 17.7 26.5

