

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132323.D
 Acq On : 03 Feb 2023 15:42
 Operator : CG\JU
 Sample : PB150669BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150669BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 01:38:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	202389	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	781212	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	391368	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	709578	20.000	ng	0.00
76) Chrysene-d12	14.271	240	366238	20.000	ng	0.00
86) Perylene-d12	15.848	264	348529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1462769	116.175	ng	0.02
7) Phenol-d6	6.684	99	1769598	113.998	ng	0.00
23) Nitrobenzene-d5	7.625	82	1080779	76.986	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	569489	141.499	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1927488	76.054	ng	0.00
79) Terphenyl-d14	13.207	244	2036773	107.579	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.084	88	205301	34.653	ng	96
3) Pyridine	3.813	79	524872	32.656	ng	96
4) n-Nitrosodimethylamine	3.778	42	189423	36.832	ng	96
6) Aniline	6.719	93	654409m	31.067	ng	
8) 2-Chlorophenol	6.843	128	597915	45.850	ng	96
9) Benzaldehyde	6.607	77	228967	23.003	ng	98
10) Phenol	6.695	94	641901	39.952	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	562181	42.515	ng	96
12) 1,3-Dichlorobenzene	7.001	146	621836	45.085	ng	99
13) 1,4-Dichlorobenzene	7.078	146	621411	45.136	ng	99
14) 1,2-Dichlorobenzene	7.231	146	601436	46.842	ng	98
15) Benzyl Alcohol	7.195	79	448445	39.592	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.331	45	523209	37.555	ng	93
17) 2-Methylphenol	7.301	107	461930	40.466	ng	100
18) Hexachloroethane	7.572	117	235845	45.664	ng	95
19) n-Nitroso-di-n-propyla...	7.472	70	317199	35.974	ng	97
20) 3+4-Methylphenols	7.454	107	570507	39.157	ng	96
22) Acetophenone	7.472	105	733690	39.936	ng	97
24) Nitrobenzene	7.648	77	540308	37.673	ng	89
25) Isophorone	7.884	82	1035854	38.875	ng	95
26) 2-Nitrophenol	7.960	139	318986	45.661	ng	92
27) 2,4-Dimethylphenol	7.989	122	520400	42.559	ng	97
28) bis(2-Chloroethoxy)met...	8.089	93	646352	39.473	ng	98
29) 2,4-Dichlorophenol	8.201	162	474149	43.675	ng	96
30) 1,2,4-Trichlorobenzene	8.284	180	517252	44.493	ng	97
31) Naphthalene	8.372	128	1557919	40.514	ng	99
32) Benzoic acid	8.101	122	392549	43.370	ng	94
33) 4-Chloroaniline	8.413	127	266707	15.641	ng	97
34) Hexachlorobutadiene	8.484	225	301100	46.072	ng	99
35) Caprolactam	8.789	113	162834m	43.997	ng	
36) 4-Chloro-3-methylphenol	8.889	107	495640	42.378	ng	96
37) 2-Methylnaphthalene	9.060	142	1038048	39.853	ng	100
38) 1-Methylnaphthalene	9.166	142	965800	39.900	ng	100
40) 1,2,4,5-Tetrachloroben...	9.231	216	474134	43.050	ng	99
41) Hexachlorocyclopentadiene	9.213	237	578149	89.975	ng	98
43) 2,4,6-Trichlorophenol	9.336	196	346215	43.976	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	370798	40.920	ng	99
46) 1,1'-Biphenyl	9.531	154	1247421	41.343	ng	97
47) 2-Chloronaphthalene	9.554	162	973507	42.362	ng	99
48) 2-Nitroaniline	9.648	65	249122	36.450	ng	83
49) Acenaphthylene	9.978	152	1523690	40.625	ng	99
50) Dimethylphthalate	9.825	163	1148767	41.962	ng	98
51) 2,6-Dinitrotoluene	9.889	165	270014	44.162	ng	88
52) Acenaphthene	10.148	154	1068354	45.499	ng	99
53) 3-Nitroaniline	10.060	138	199676	26.930	ng	96
54) 2,4-Dinitrophenol	10.166	184	304290	85.539	ng	95
55) Dibenzofuran	10.319	168	1323404	40.113	ng	99
56) 4-Nitrophenol	10.213	139	446883	80.092	ng	94
57) 2,4-Dinitrotoluene	10.295	165	352180	44.342	ng	94
58) Fluorene	10.666	166	1030403	40.582	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	300594	45.503	ng	98
60) Diethylphthalate	10.531	149	1152519	42.319	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	502263	41.682	ng	99
62) 4-Nitroaniline	10.683	138	268368	37.744	ng	98
63) Azobenzene	10.813	77	977402	36.844	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	191512	47.554	ng	93
66) n-Nitrosodiphenylamine	10.772	169	911798	41.036	ng	100
67) 4-Bromophenyl-phenylether	11.148	248	326082	44.878	ng	99
68) Hexachlorobenzene	11.213	284	367233	47.286	ng	100
69) Atrazine	11.295	200	317091	49.615	ng	97
70) Pentachlorophenol	11.407	266	412348	77.275	ng	99
71) Phenanthrene	11.636	178	1512874	40.801	ng	100
72) Anthracene	11.689	178	1528720	40.512	ng	99
73) Carbazole	11.842	167	1352428	39.971	ng	100
74) Di-n-butylphthalate	12.160	149	1736016	43.399	ng	100
75) Fluoranthene	12.836	202	1457588	38.521	ng	98
77) Benzidine	12.948	184	414134	32.344	ng	99
78) Pyrene	13.066	202	1464932	49.732	ng	99
80) Butylbenzylphthalate	13.677	149	643341	49.433	ng	93
81) Benzo(a)anthracene	14.260	228	1092595	42.654	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	226387	27.748	ng	99
83) Chrysene	14.301	228	1010962	42.149	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	836870	47.573	ng	100
85) Di-n-octyl phthalate	14.866	149	1233001	42.973	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.501	276	1090733	47.099	ng	98
88) Benzo(b)fluoranthene	15.377	252	1022041	46.133	ng	99
89) Benzo(k)fluoranthene	15.413	252	916084	43.320	ng	98
90) Benzo(a)pyrene	15.783	252	860568	41.715	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	897752	48.217	ng	99
92) Benzo(g,h,i)perylene	18.001	276	886985	46.112	ng	98

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

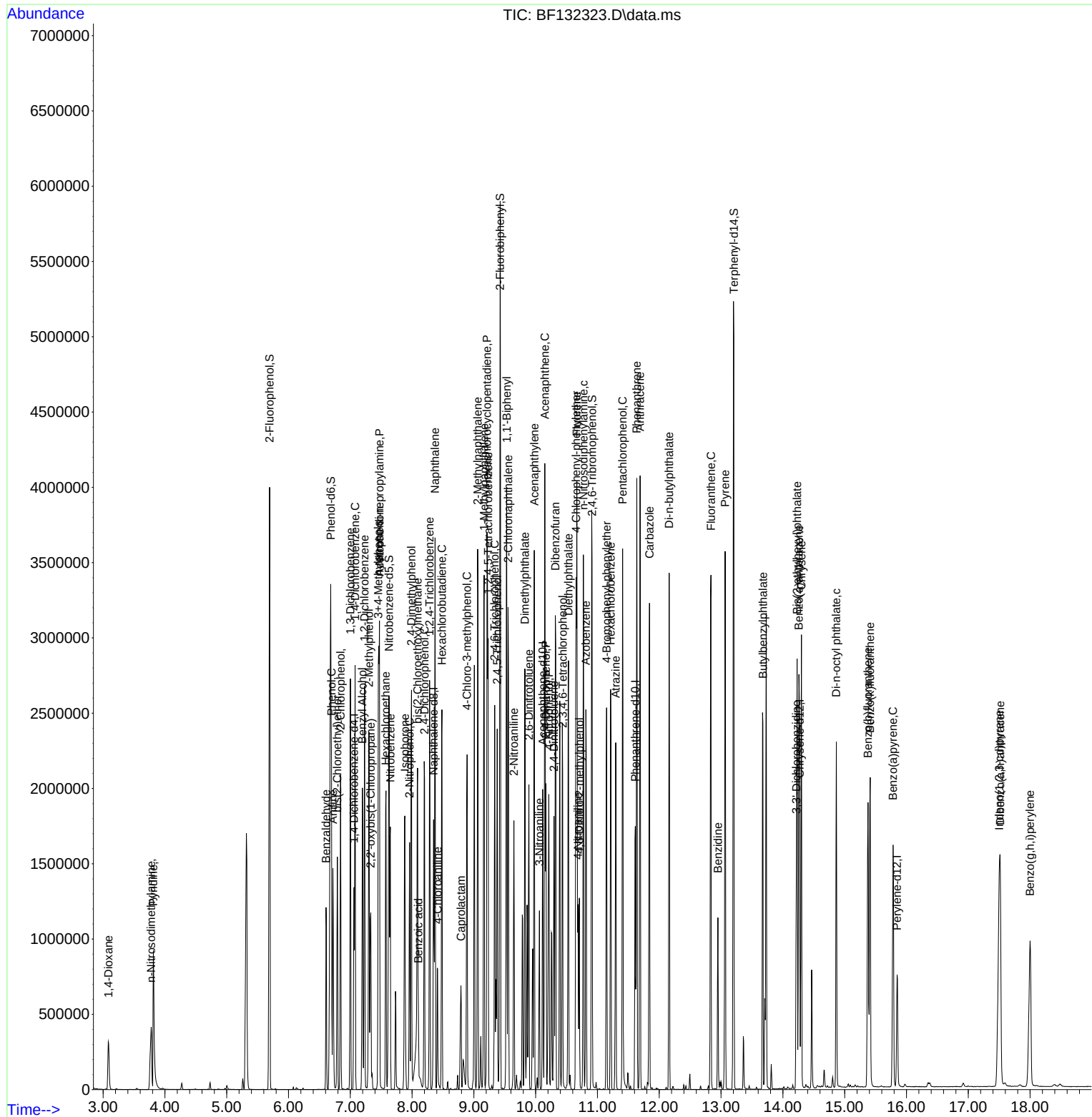
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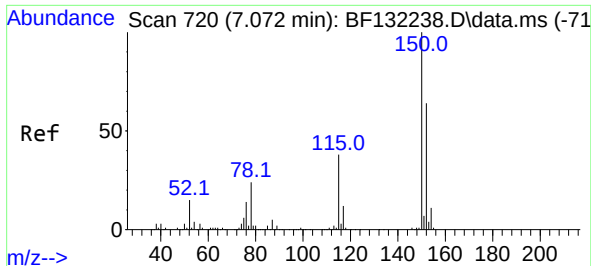
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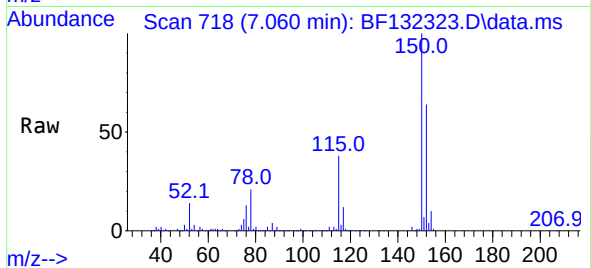
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

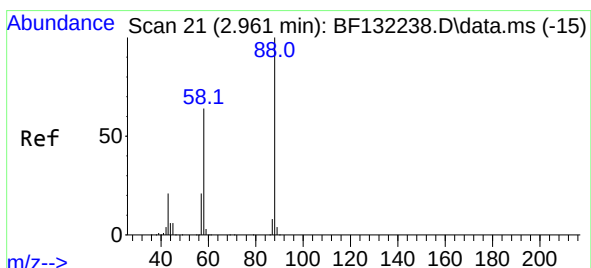
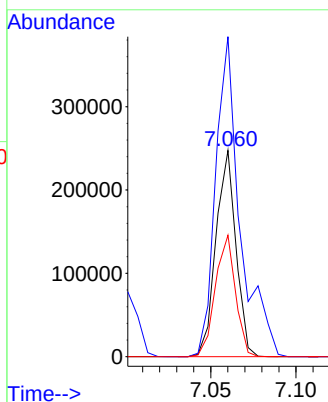
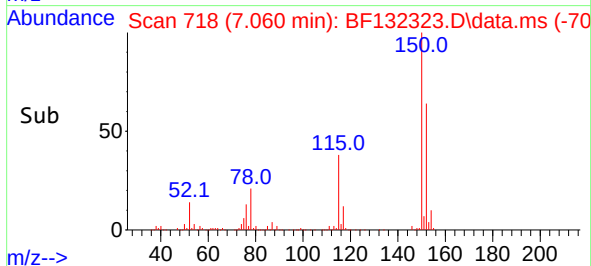
Instrument :
BNA_F
ClientSampleId :
PB150669BS



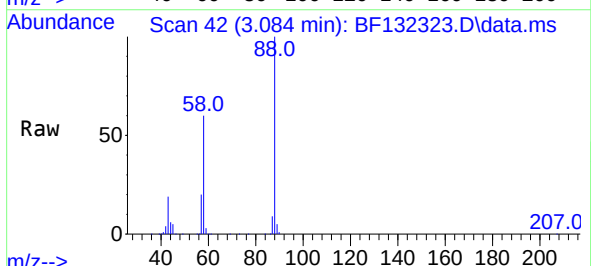
Tgt Ion:152 Resp: 202389
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 58.9 47.3 70.9

Manual Integrations
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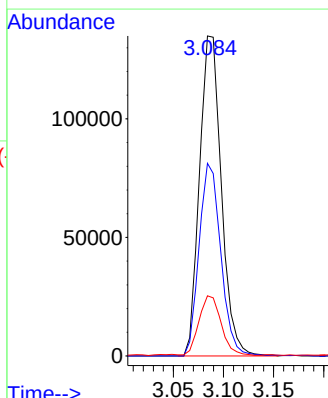
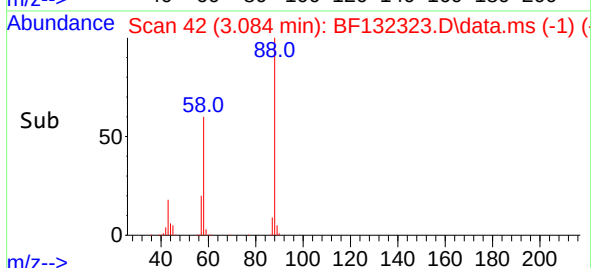
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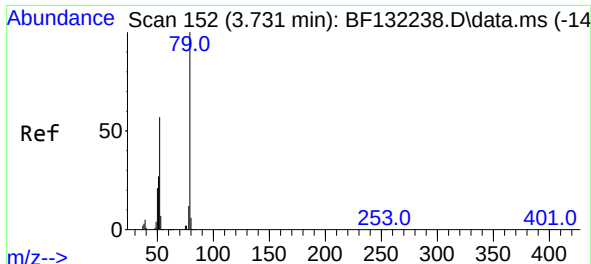


#2
1,4-Dioxane
Concen: 34.653 ng
RT: 3.084 min Scan# 42
Delta R.T. 0.094 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



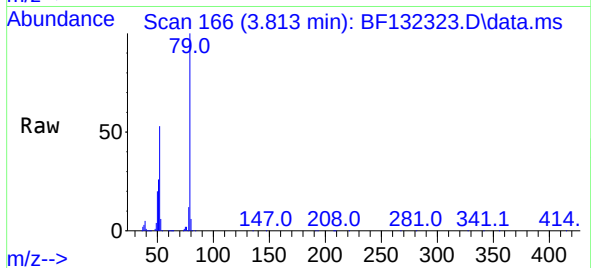
Tgt Ion: 88 Resp: 205301
Ion Ratio Lower Upper
88 100
58 59.9 50.2 75.2
43 18.8 16.9 25.3





#3
Pyridine
Concen: 32.656 ng
RT: 3.813 min Scan# 10
Delta R.T. 0.065 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

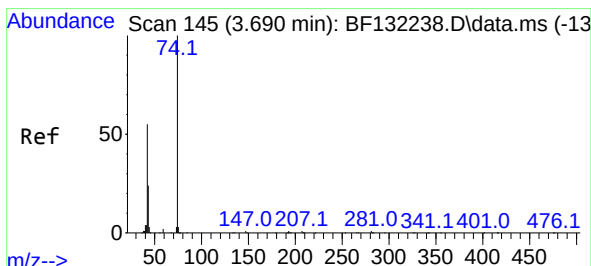
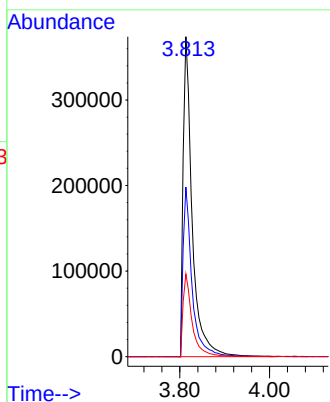
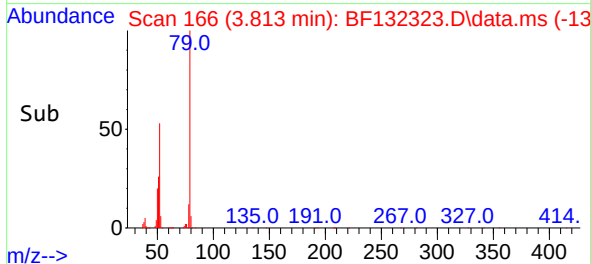
Instrument :
BNA_F
ClientSampleId :
PB150669BS



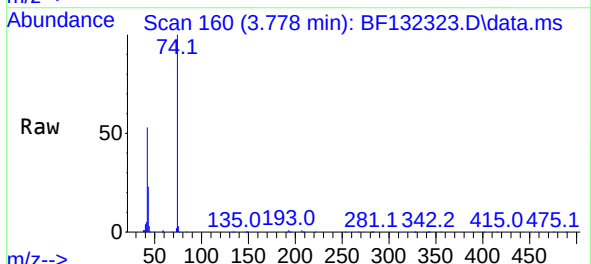
Tgt Ion: 79 Resp: 524872
Ion Ratio Lower Upper
79 100
52 53.0 45.6 68.4
51 25.8 21.5 32.3

Manual Integrations
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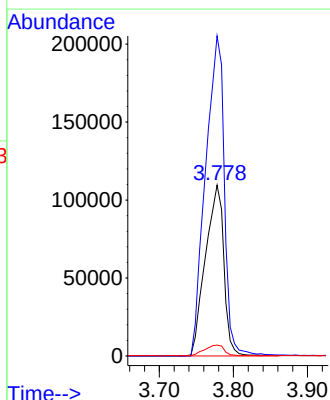
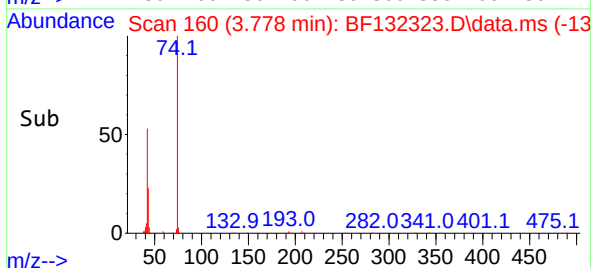
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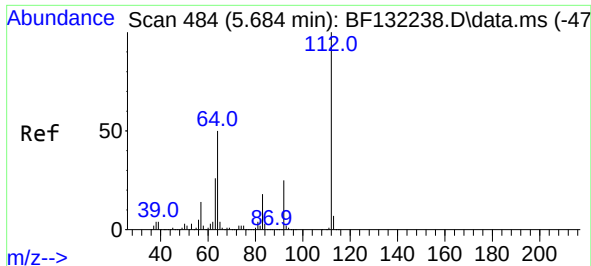


#4
n-Nitrosodimethylamine
Concen: 36.832 ng
RT: 3.778 min Scan# 160
Delta R.T. 0.059 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



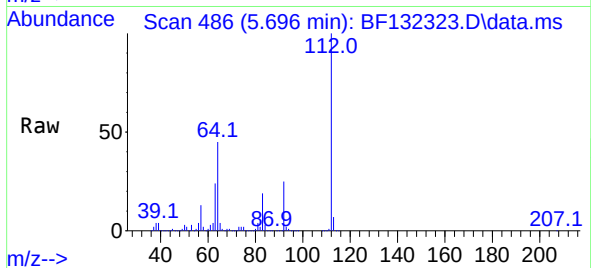
Tgt Ion: 42 Resp: 189423
Ion Ratio Lower Upper
42 100
74 187.3 144.6 217.0
44 6.4 5.1 7.7





#5
2-Fluorophenol
Concen: 116.175 ng
RT: 5.696 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

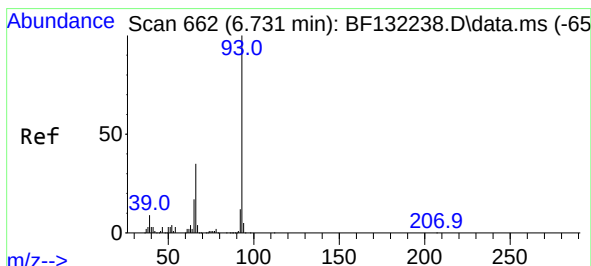
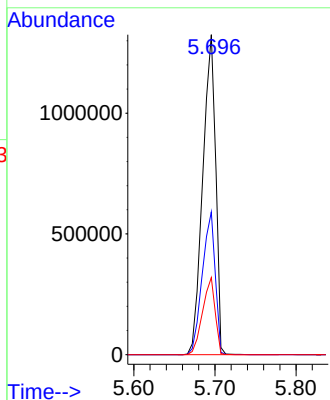
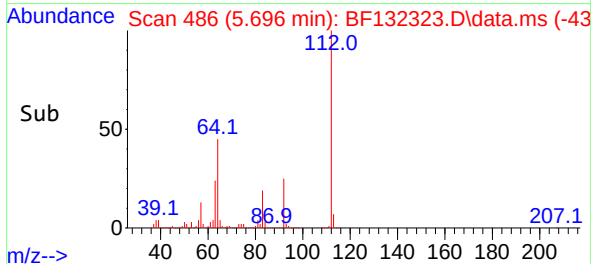
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1462769
Ion Ratio Lower Upper
112 100
64 44.6 40.0 60.0
63 24.1 20.5 30.7

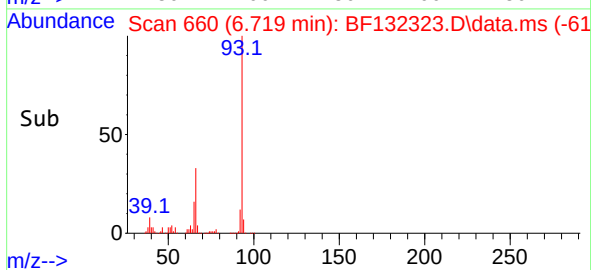
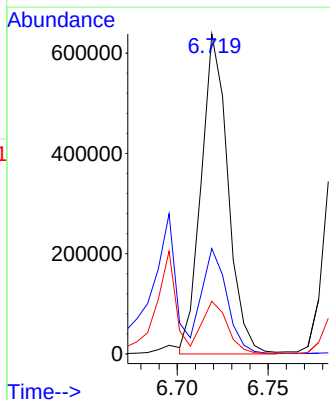
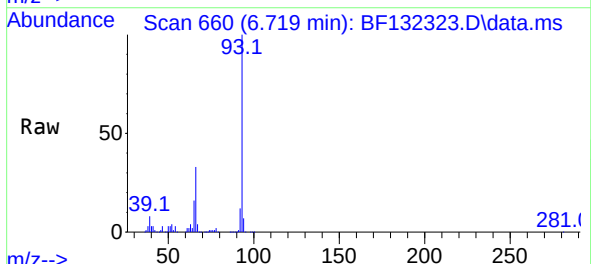
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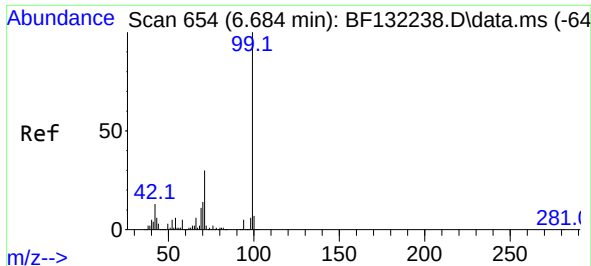
Reviewed By :Christian Giraldo 02/06/2023
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#6
Aniline
Concen: 31.067 ng m
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

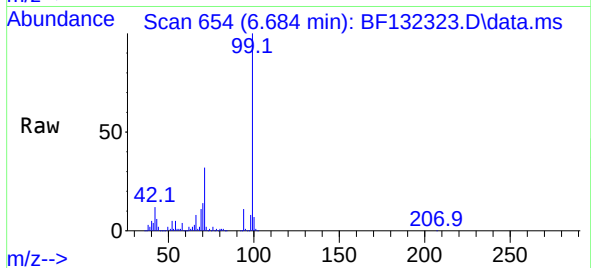
Tgt Ion: 93 Resp: 654409
Ion Ratio Lower Upper
93 100
66 33.0 28.8 43.2
65 16.5 14.2 21.4





#7
Phenol-d6
Concen: 113.998 ng
RT: 6.684 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

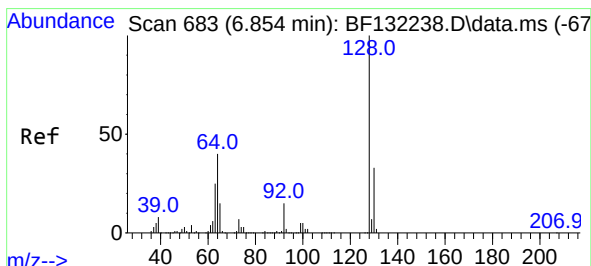
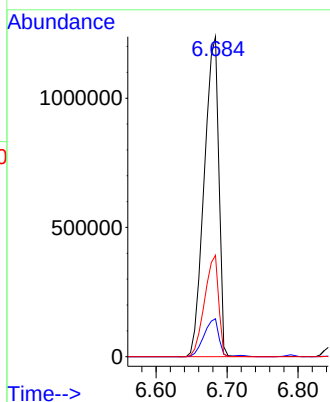
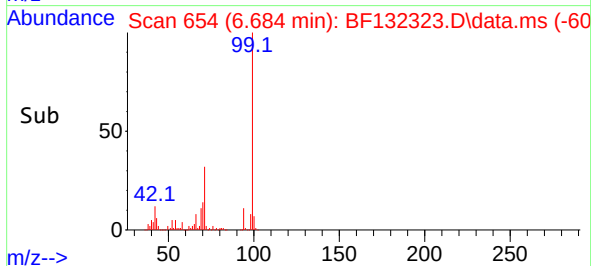
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Tgt Ion: 99 Resp: 1769598
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.7 24.2 36.4

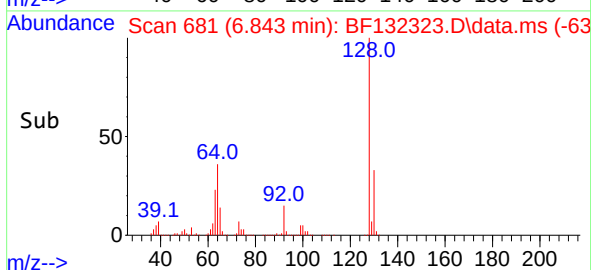
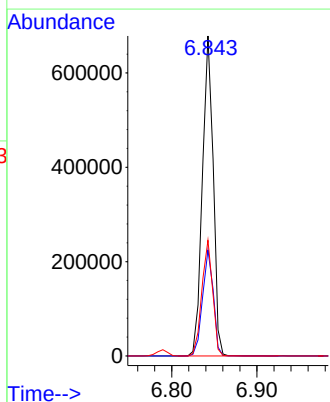
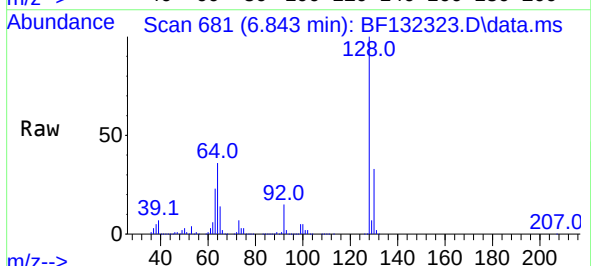
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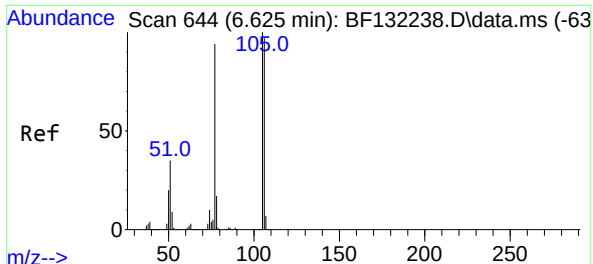
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#8
2-Chlorophenol
Concen: 45.850 ng
RT: 6.843 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

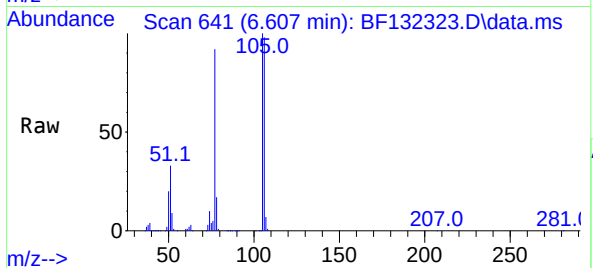
Tgt Ion:128 Resp: 597915
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 36.2 20.1 60.1





#9
Benzaldehyde
Concen: 23.003 ng
RT: 6.607 min Scan# 641
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

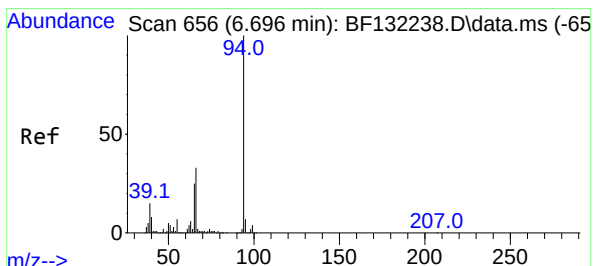
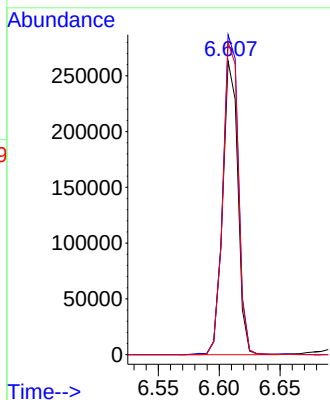
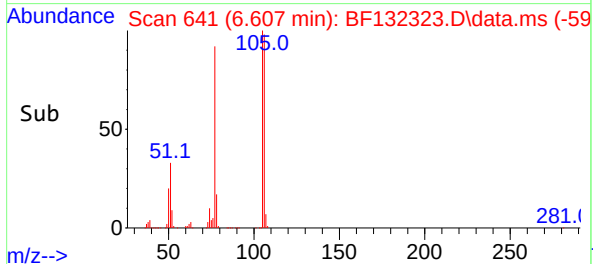
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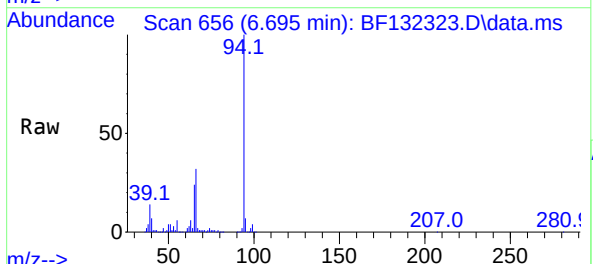
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Ion Ratio Lower Upper
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106 106.4 83.8 123.8

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APPROVED

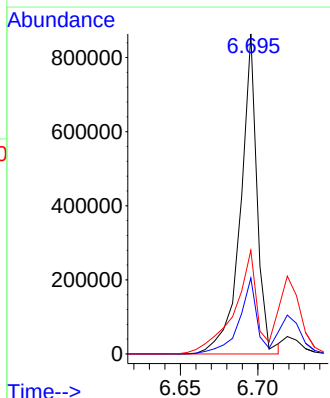
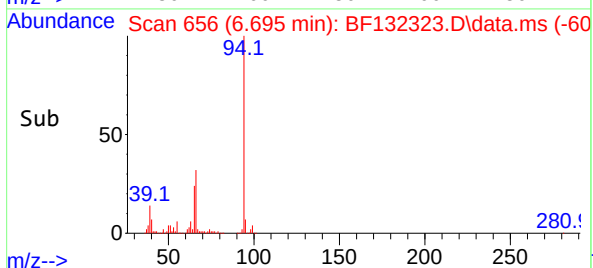
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

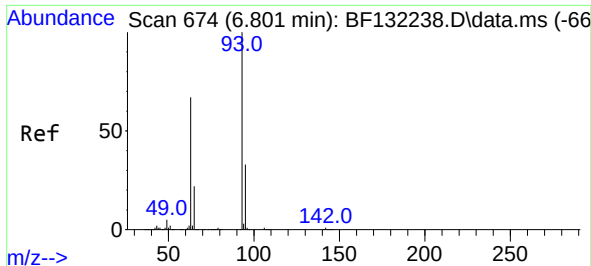


#10
Phenol
Concen: 39.952 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion: 94 Resp: 641901
Ion Ratio Lower Upper
94 100
65 23.7 5.1 45.1
66 32.4 13.0 53.0





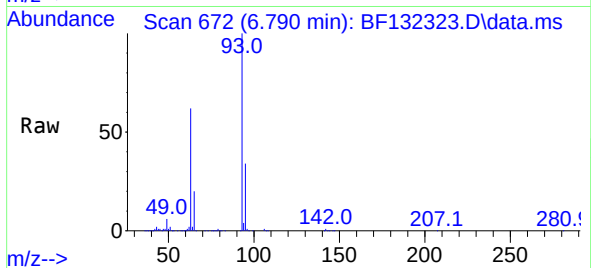
#11
bis(2-Chloroethyl)ether
Concen: 42.515 ng
RT: 6.790 min Scan# 611
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

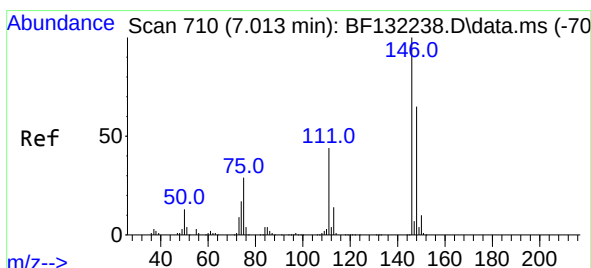
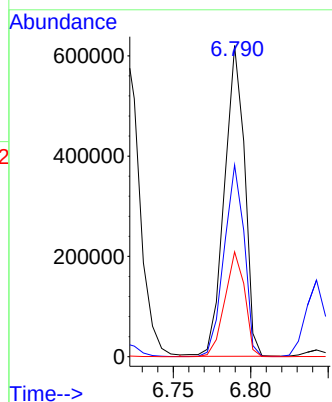
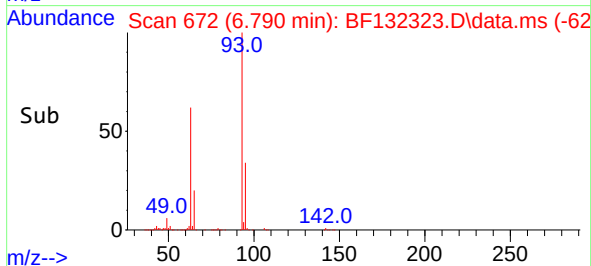


Tgt Ion: 93 Resp: 56218
Ion Ratio Lower Upper
93 100
63 61.6 46.7 86.7
95 33.7 13.4 53.4

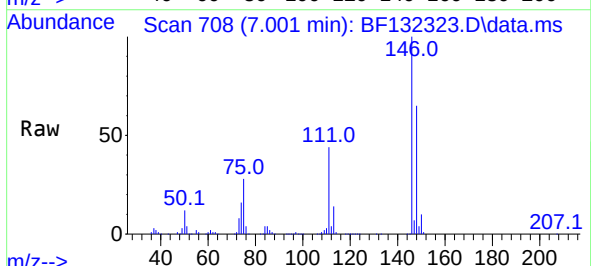
Manual Integrations

APPROVED

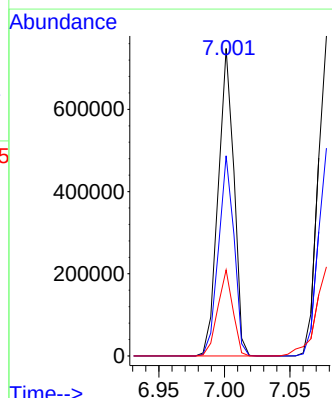
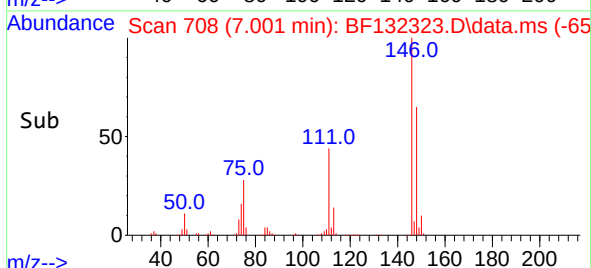
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

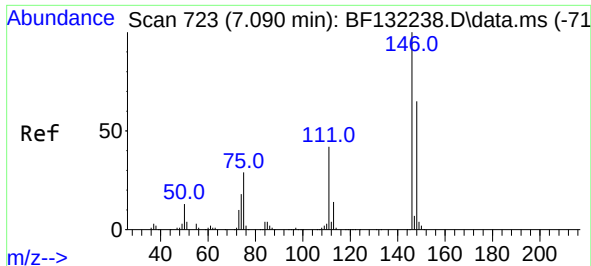


#12
1,3-Dichlorobenzene
Concen: 45.085 ng
RT: 7.001 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:146 Resp: 621836
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 28.0 23.5 35.3





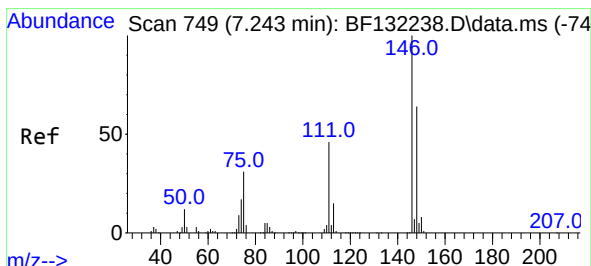
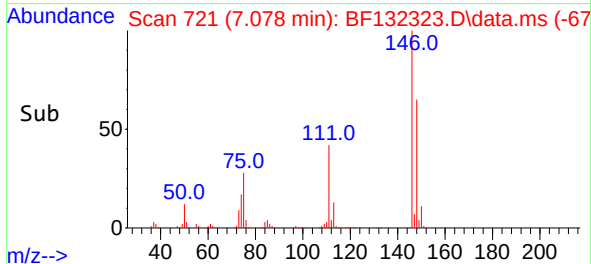
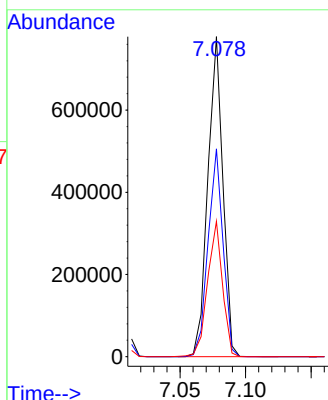
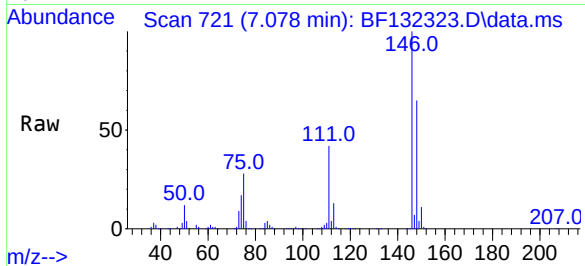
#13
1,4-Dichlorobenzene
Concen: 45.136 ng
RT: 7.078 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :
BNA_F
ClientSampleId :
PB150669BS

Tgt Ion:146 Resp: 62141
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
111 42.3 34.0 51.0

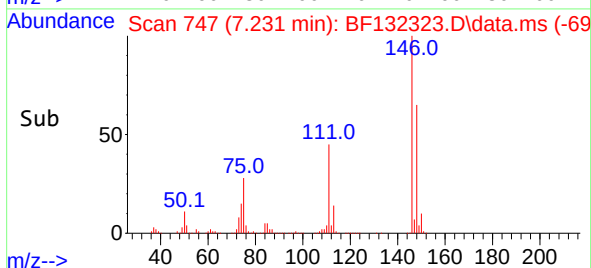
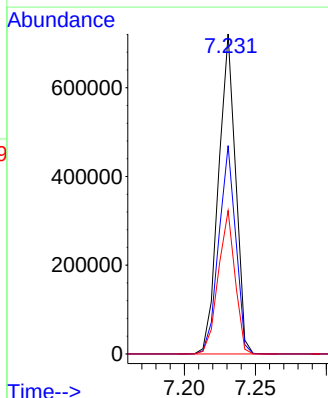
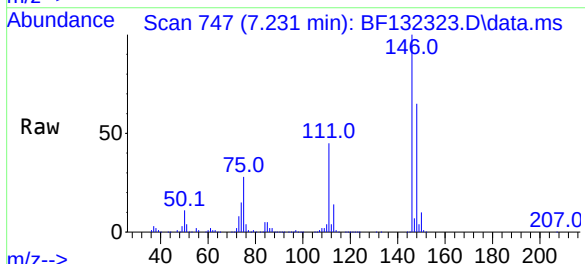
Manual Integrations
APPROVED

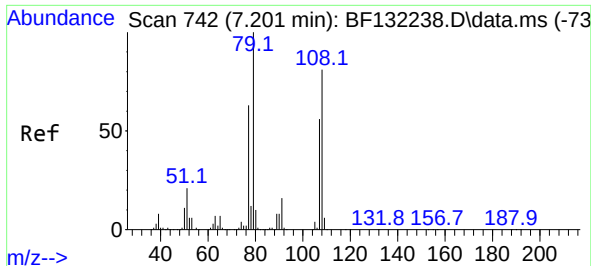
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#14
1,2-Dichlorobenzene
Concen: 46.842 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

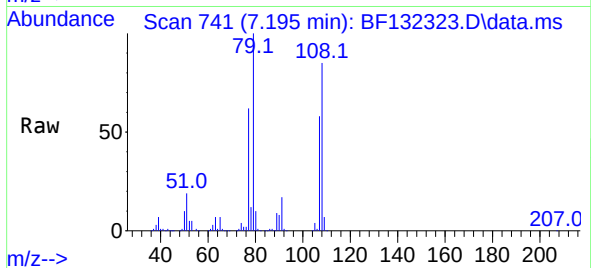
Tgt Ion:146 Resp: 601436
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 44.8 37.1 55.7





#15
Benzyl Alcohol
Concen: 39.592 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

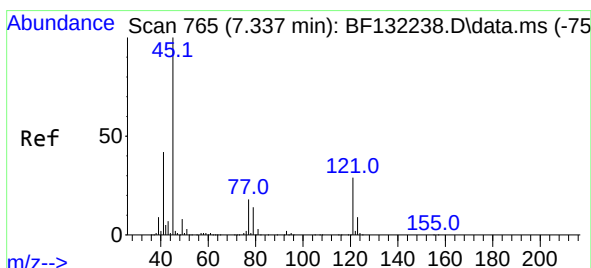
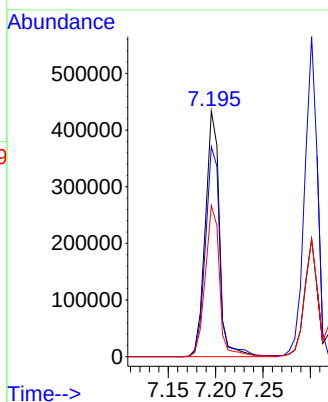
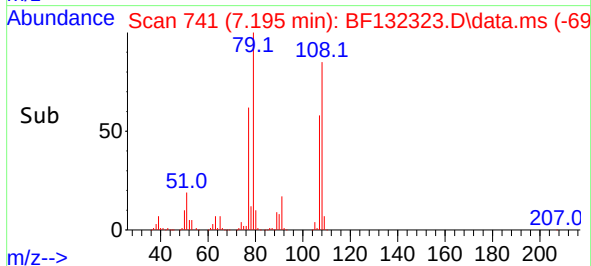
Instrument :
BNA_F
ClientSampleId :
PB150669BS



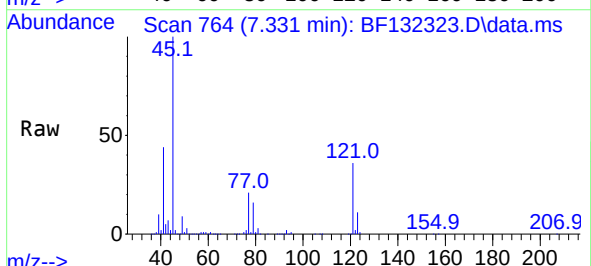
Tgt Ion: 79 Resp: 448445
Ion Ratio Lower Upper
79 100
108 85.5 64.6 97.0
77 61.6 50.1 75.1

Manual Integrations
APPROVED

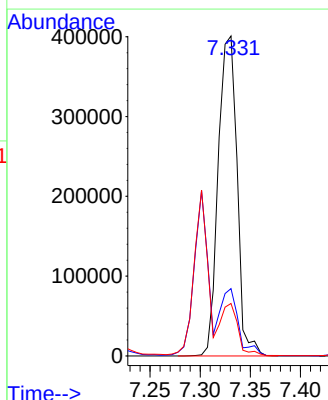
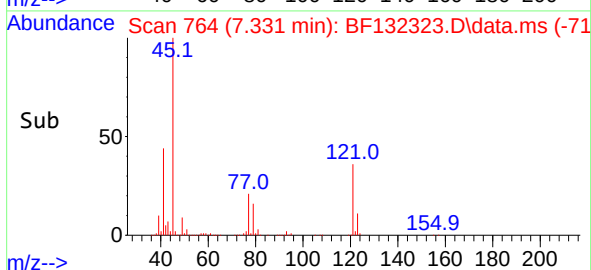
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

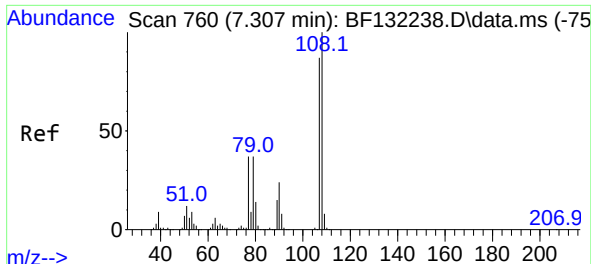


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.555 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion: 45 Resp: 523209
Ion Ratio Lower Upper
45 100
77 21.0 0.0 38.0
79 16.4 0.0 33.8





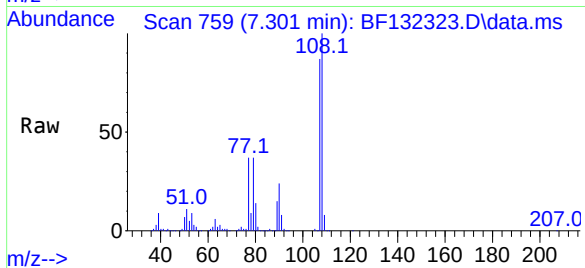
#17
2-Methylphenol
Concen: 40.466 ng
RT: 7.301 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

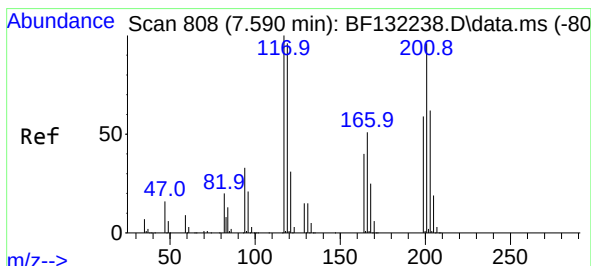
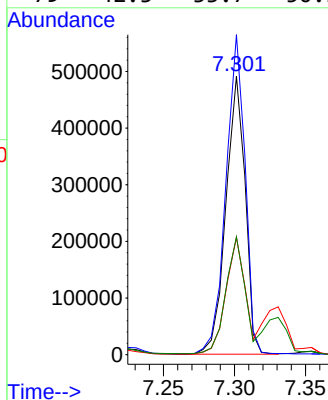
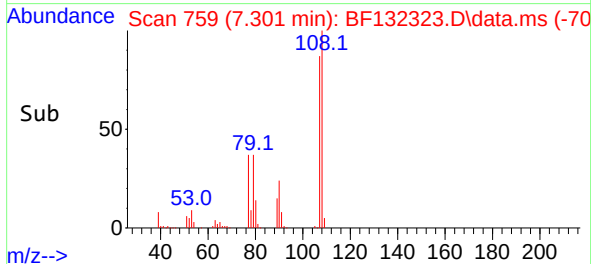


Tgt Ion:107 Resp: 461930
Ion Ratio Lower Upper
107 100
108 114.9 91.8 137.6
77 42.1 34.2 51.2
79 42.3 33.7 50.5

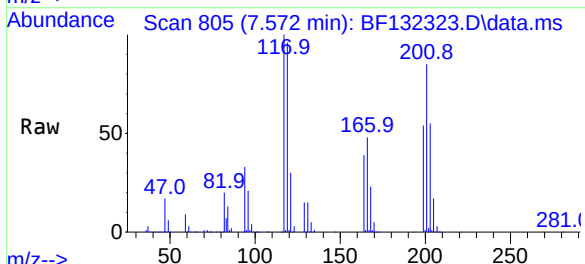
Manual Integrations

APPROVED

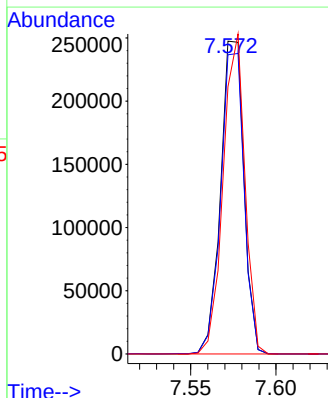
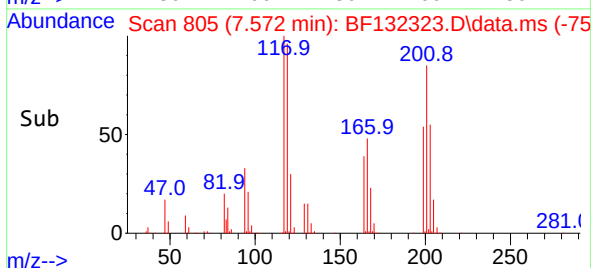
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

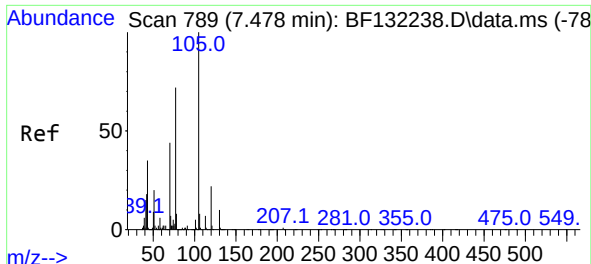


#18
Hexachloroethane
Concen: 45.664 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:117 Resp: 235845
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
201 85.4 76.6 114.8





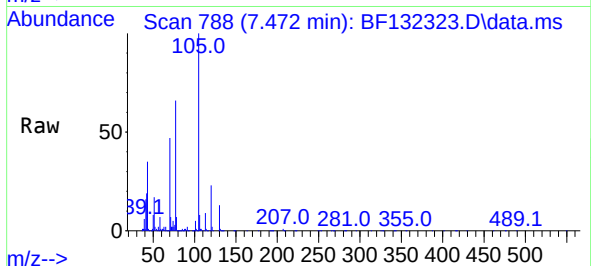
#19
n-Nitroso-di-n-propylamine
Concen: 35.974 ng
RT: 7.472 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

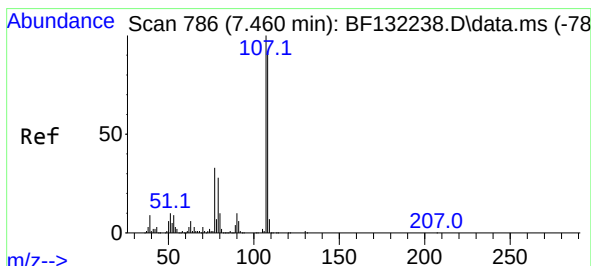
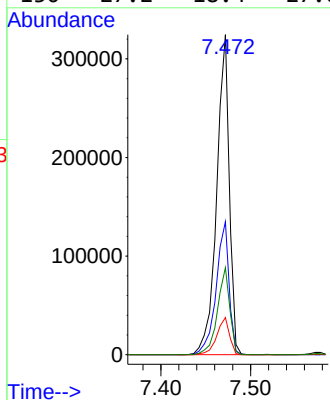
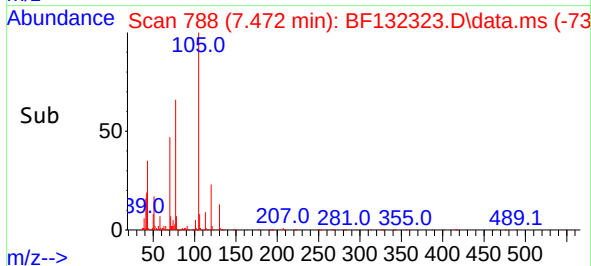


Tgt Ion: 70 Resp: 317199
Ion Ratio Lower Upper
70 100
42 41.5 33.4 50.0
101 11.6 8.2 12.4
130 27.2 18.4 27.6

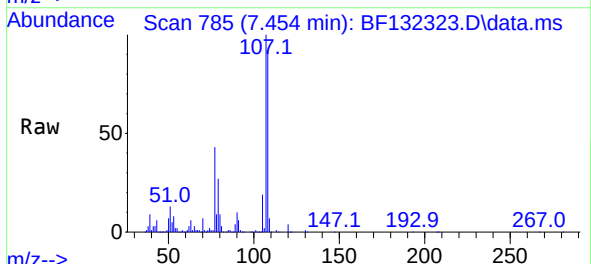
Manual Integrations

APPROVED

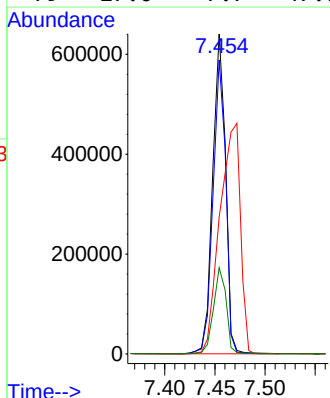
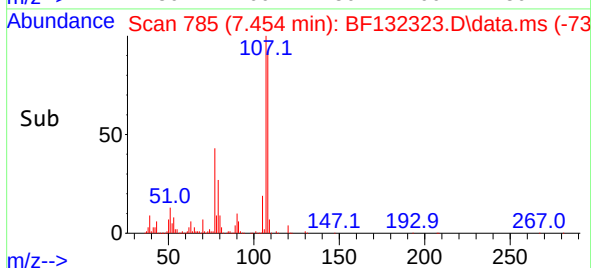
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

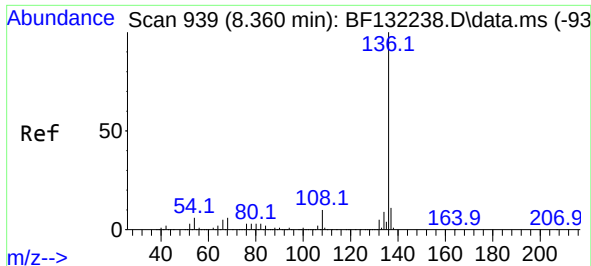


#20
3+4-Methylphenols
Concen: 39.157 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:107 Resp: 570507
Ion Ratio Lower Upper
107 100
108 91.9 71.6 111.6
77 42.7 13.4 53.4
79 27.0 7.7 47.7





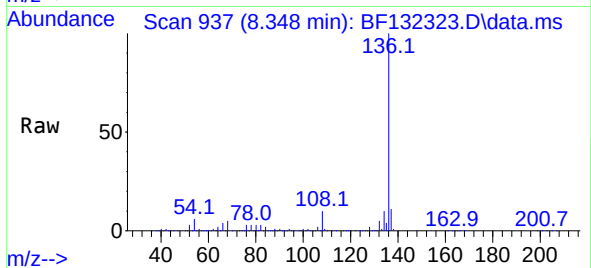
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

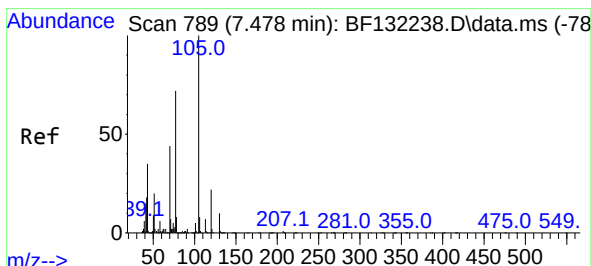
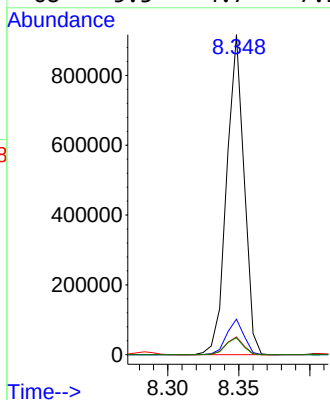
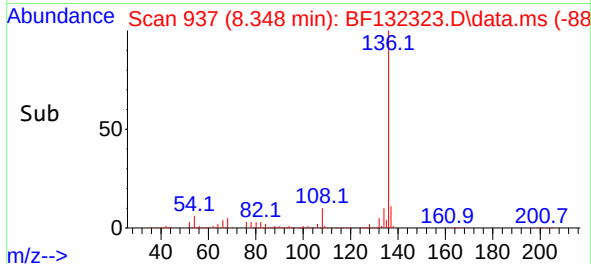


Tgt Ion:136 Resp: 78121
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.6 4.9 7.3
68 5.3 4.7 7.1

Manual Integrations

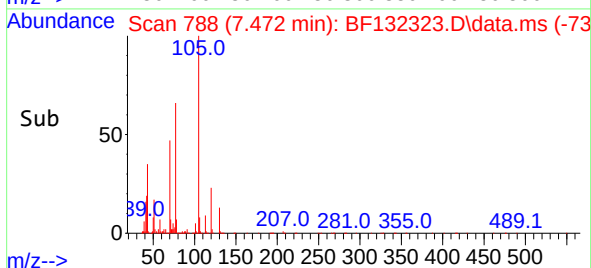
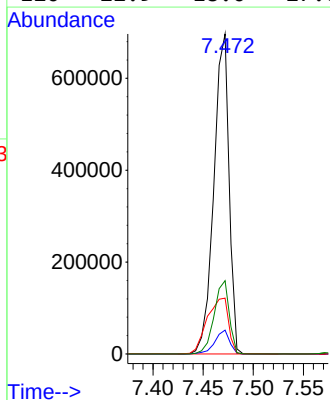
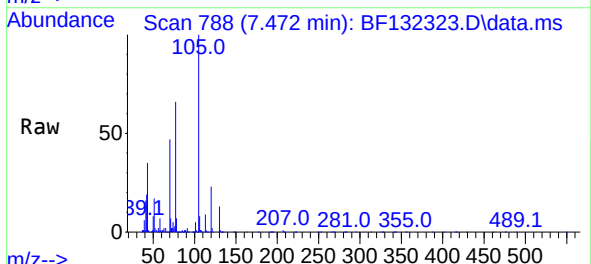
APPROVED

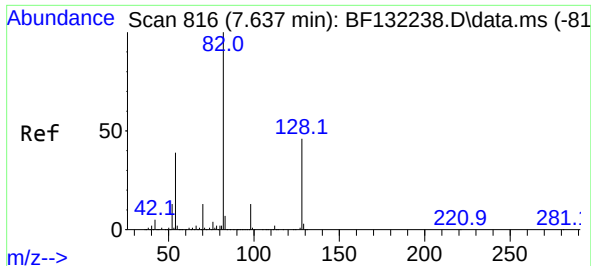
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#22
Acetophenone
Concen: 39.936 ng
RT: 7.472 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:105 Resp: 733690
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 17.4 16.2 24.2
120 22.9 18.0 27.0





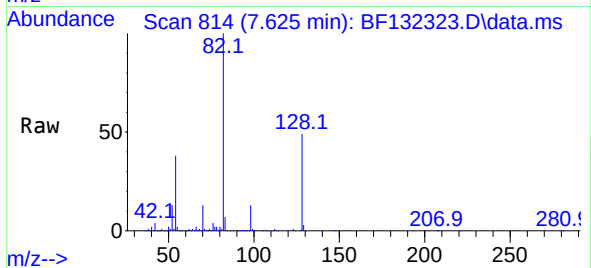
#23
Nitrobenzene-d5
Concen: 76.986 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

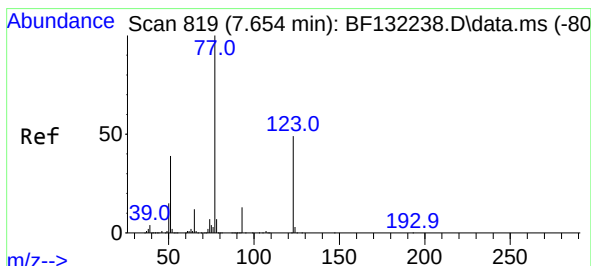
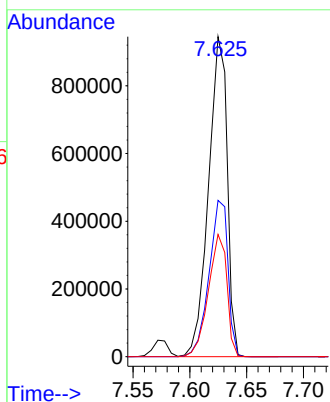
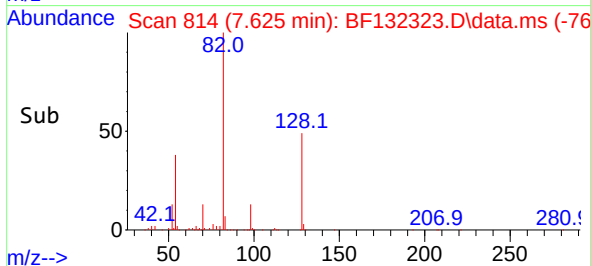


Tgt Ion: 82 Resp: 1080779
Ion Ratio Lower Upper
82 100
128 48.9 37.0 55.4
54 38.2 31.5 47.3

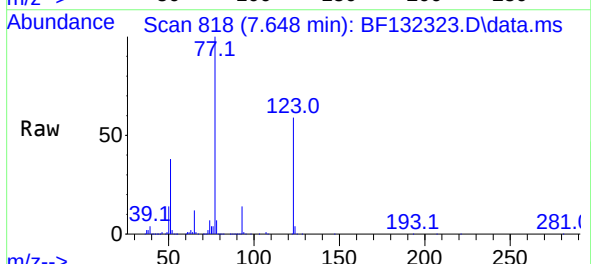
Manual Integrations

APPROVED

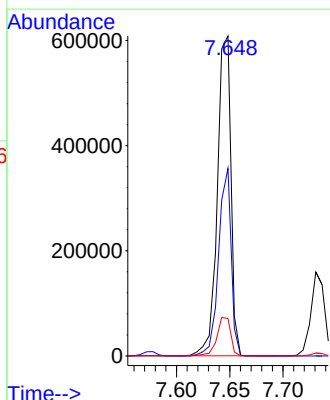
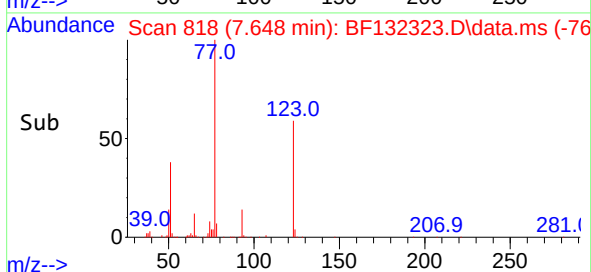
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

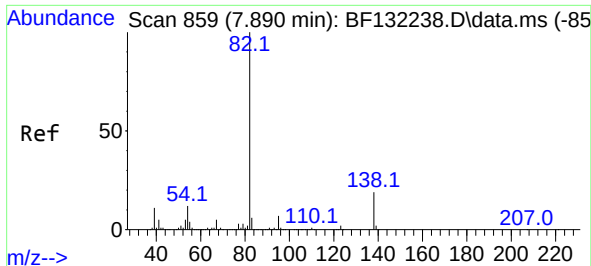


#24
Nitrobenzene
Concen: 37.673 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion: 77 Resp: 540308
Ion Ratio Lower Upper
77 100
123 58.6 39.5 59.3
65 11.7 9.8 14.8





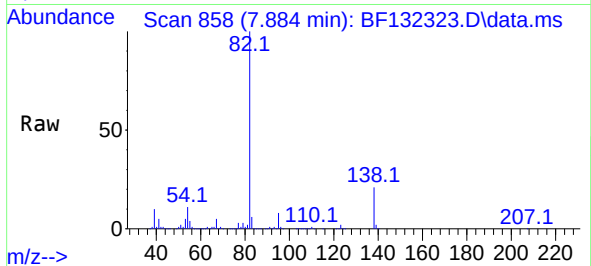
#25
Isophorone
Concen: 38.875 ng
RT: 7.884 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

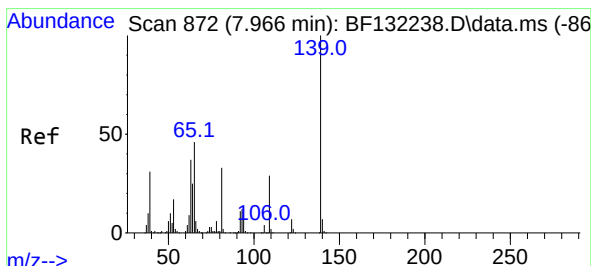
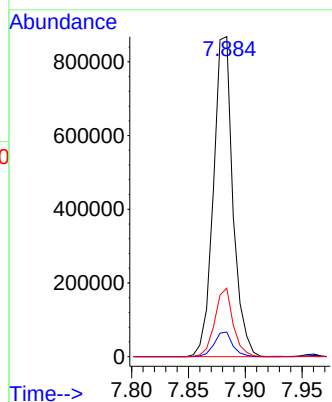


Tgt Ion: 82 Resp: 1035854
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 21.4 15.0 22.6

Manual Integrations

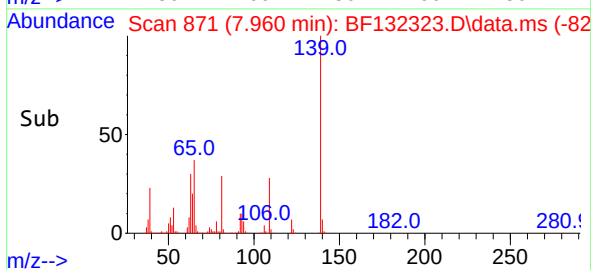
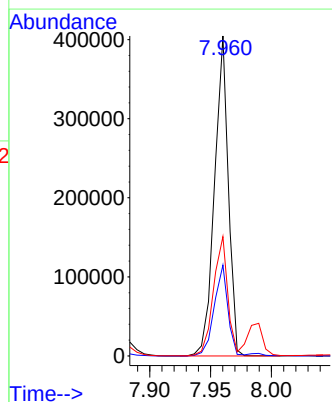
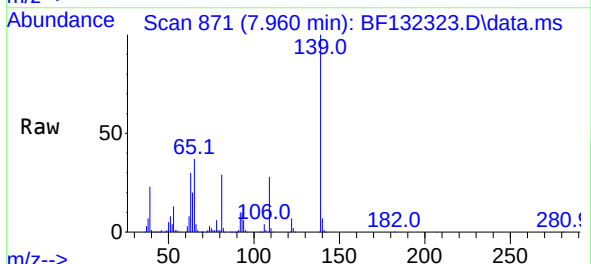
APPROVED

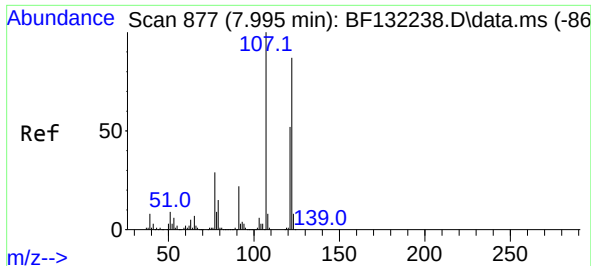
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#26
2-Nitrophenol
Concen: 45.661 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:139 Resp: 318986
Ion Ratio Lower Upper
139 100
109 28.4 23.0 34.6
65 37.3 36.6 55.0





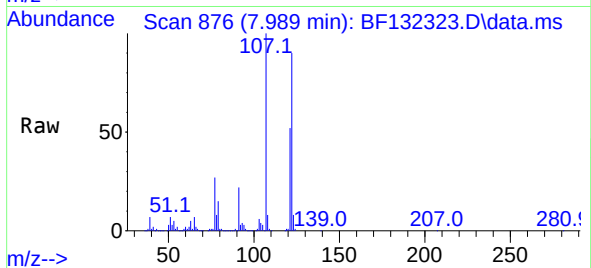
#27
2,4-Dimethylphenol
Concen: 42.559 ng
RT: 7.989 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

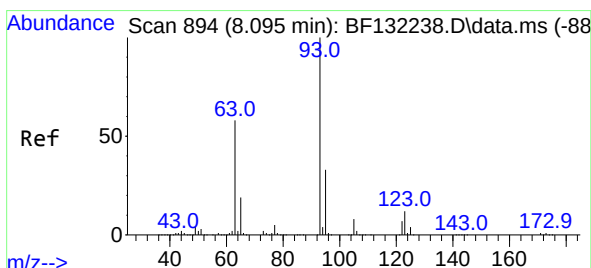
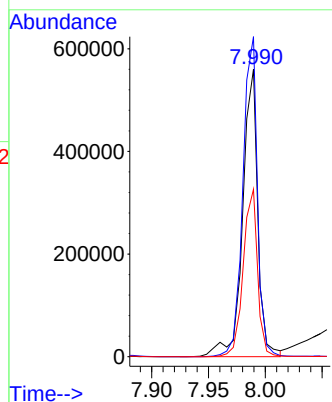
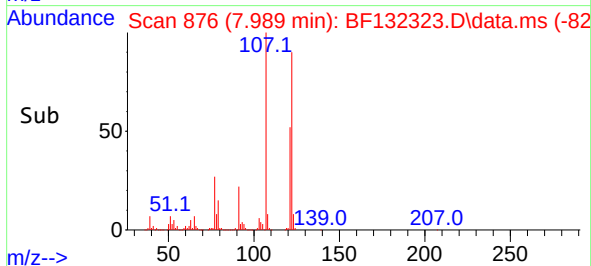


Tgt Ion:122 Resp: 520400
Ion Ratio Lower Upper
122 100
107 111.3 91.9 137.9
121 58.2 47.8 71.8

Manual Integrations

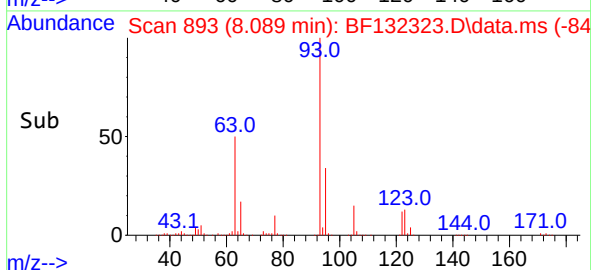
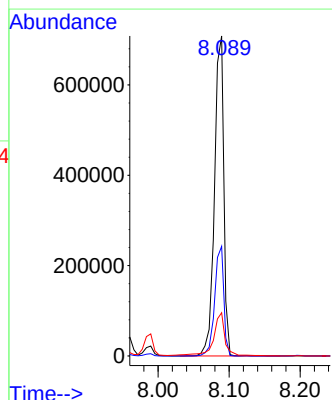
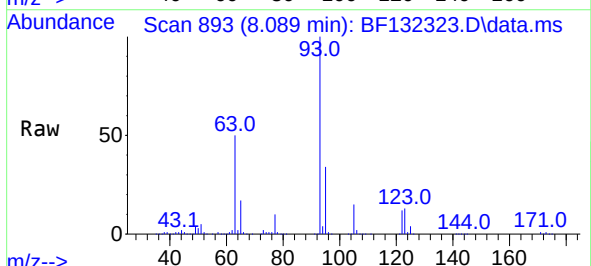
APPROVED

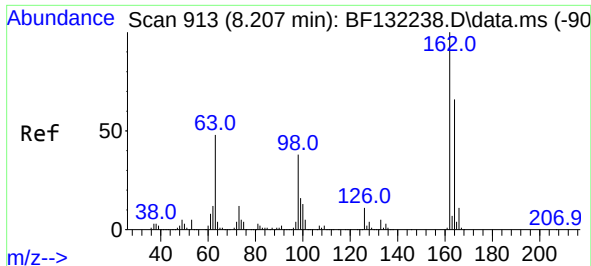
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.473 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion: 93 Resp: 646352
Ion Ratio Lower Upper
93 100
95 34.2 26.6 40.0
123 13.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.675 ng

RT: 8.201 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

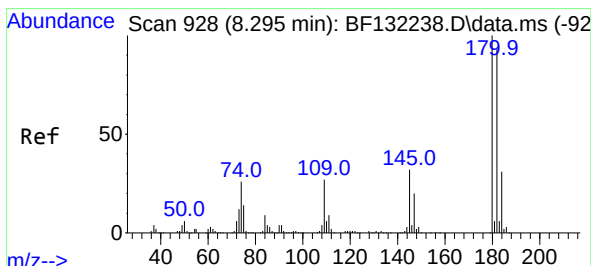
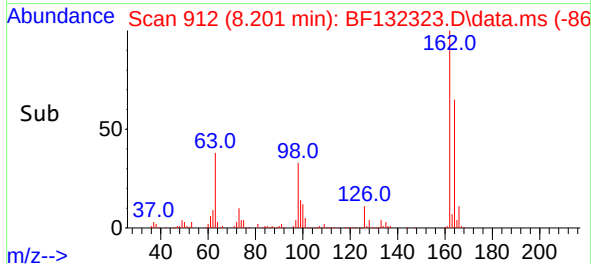
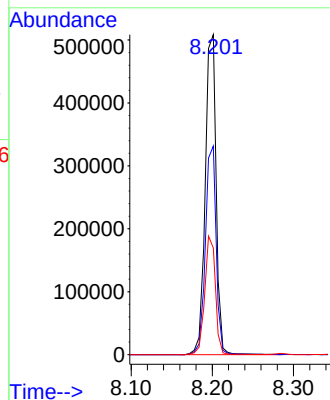
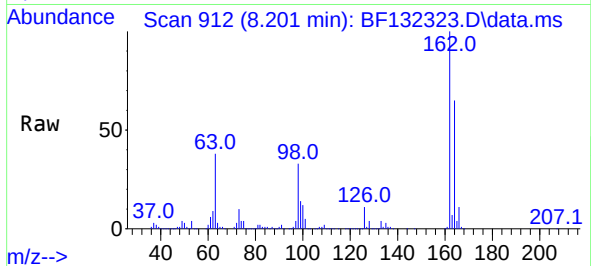
PB150669BS

Tgt Ion:162 Resp: 474149
 Ion Ratio Lower Upper
 162 100
 164 65.2 46.4 86.4
 98 33.4 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.493 ng

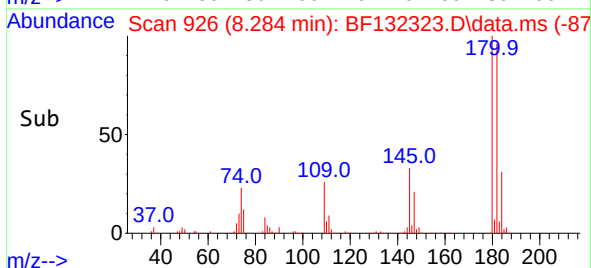
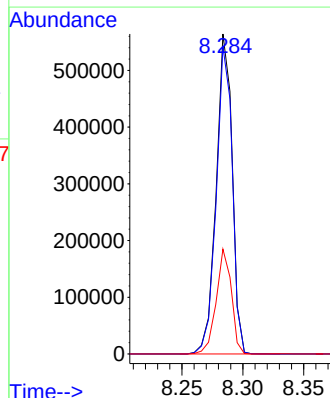
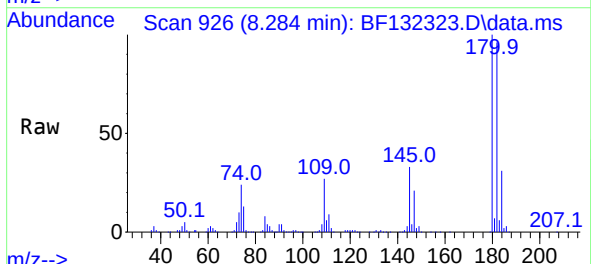
RT: 8.284 min Scan# 926

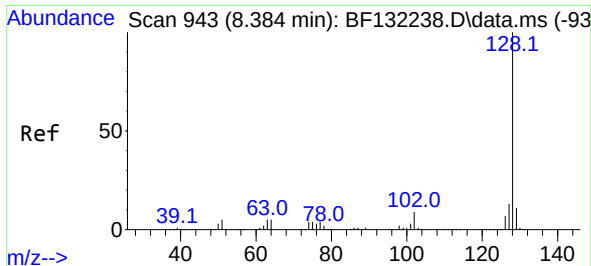
Delta R.T. -0.006 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

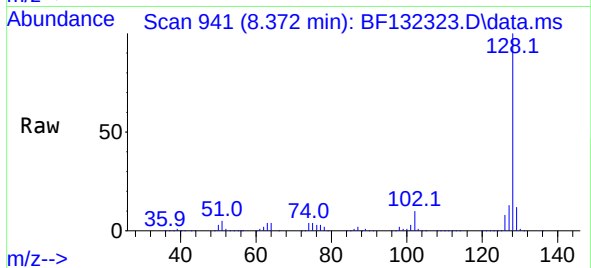
Tgt Ion:180 Resp: 517252
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.6 112.0
 145 32.7 25.3 37.9





#31
Naphthalene
Concen: 40.514 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

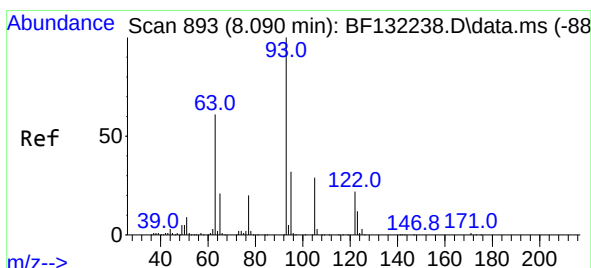
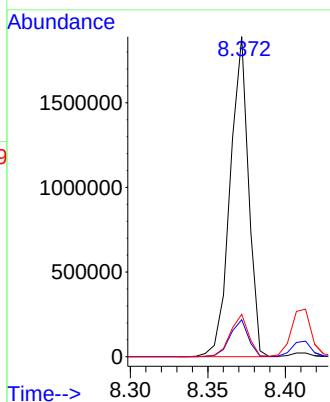
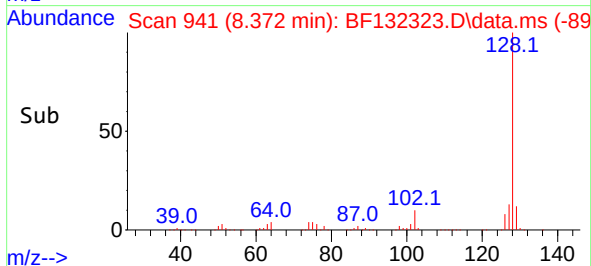
Instrument :
BNA_F
ClientSampleId :
PB150669BS



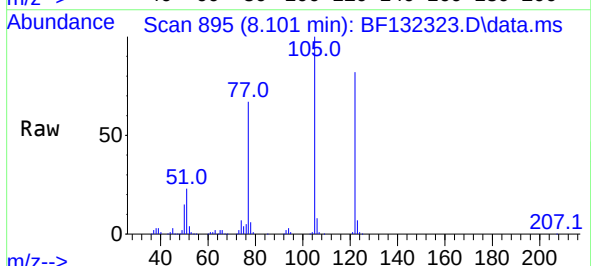
Tgt Ion:128 Resp: 1557919
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.3 10.5 15.7

Manual Integrations
APPROVED

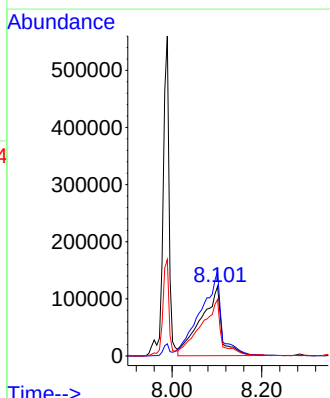
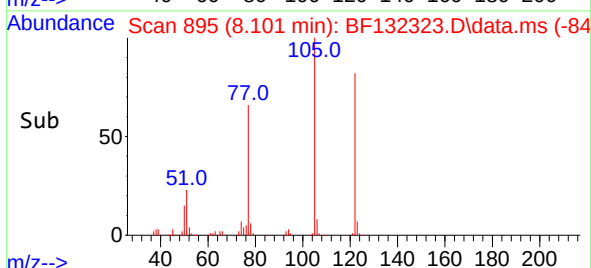
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

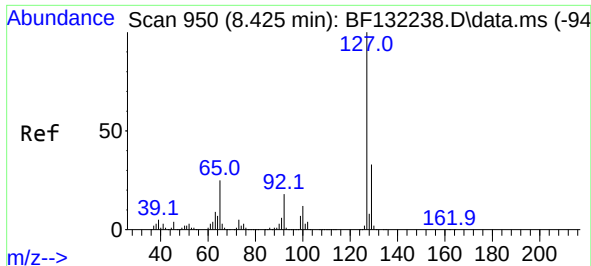


#32
Benzoic acid
Concen: 43.370 ng
RT: 8.101 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:122 Resp: 392549
Ion Ratio Lower Upper
122 100
105 121.8 106.3 146.3
77 81.1 70.6 110.6





#33
4-Chloroaniline
Concen: 15.641 ng
RT: 8.413 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

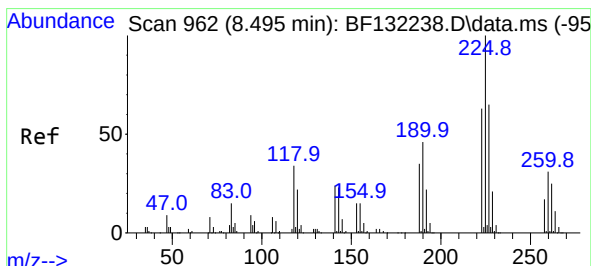
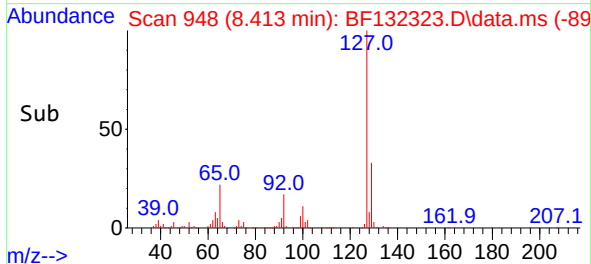
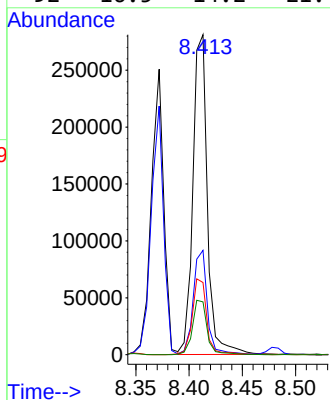
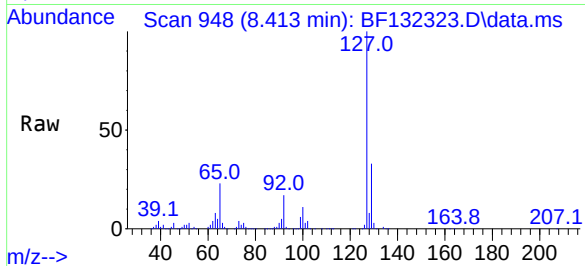
PB150669BS

Tgt Ion:127 Resp: 26670
Ion Ratio Lower Upper
127 100
129 32.6 26.6 39.8
65 22.6 20.2 30.2
92 16.5 14.2 21.4

Manual Integrations

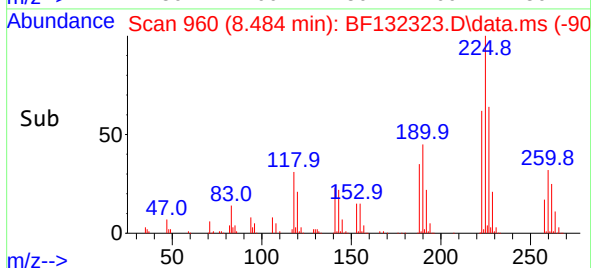
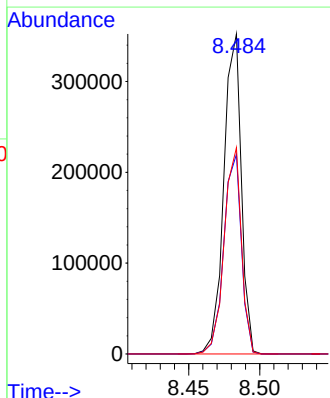
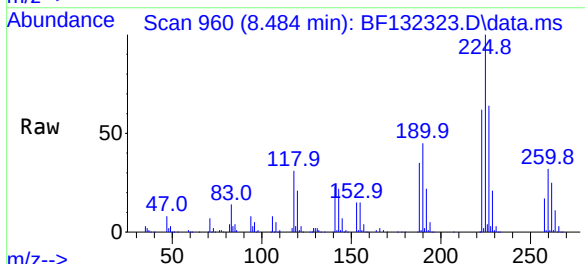
APPROVED

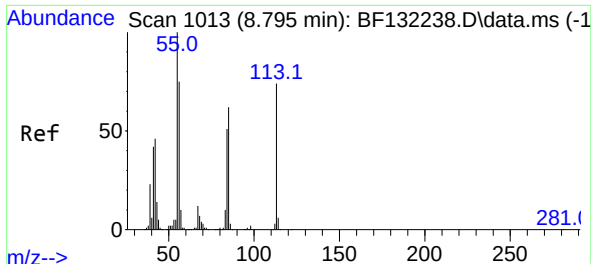
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#34
Hexachlorobutadiene
Concen: 46.072 ng
RT: 8.484 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

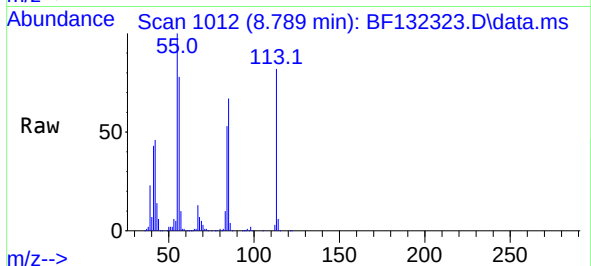
Tgt Ion:225 Resp: 301100
Ion Ratio Lower Upper
225 100
223 62.4 50.6 75.8
227 64.5 51.7 77.5





#35
Caprolactam
Concen: 43.997 ng m
RT: 8.789 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

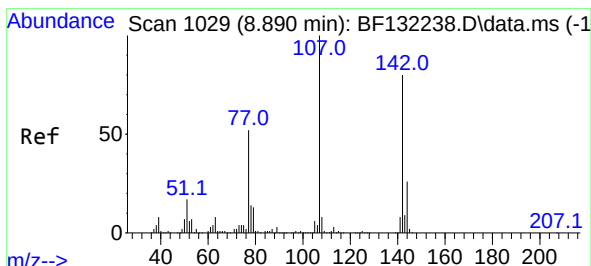
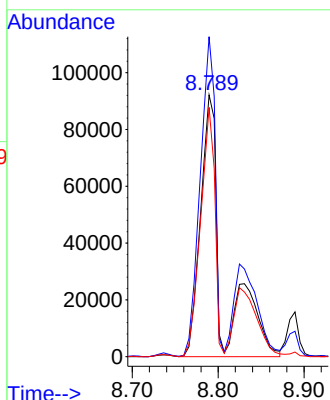
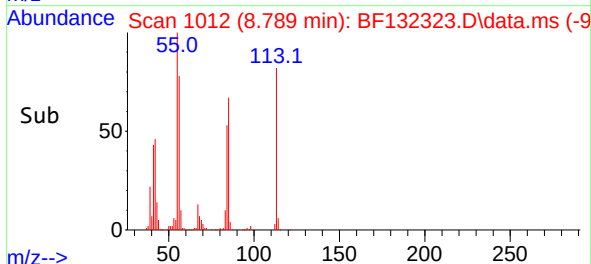
Instrument :
BNA_F
ClientSampleId :
PB150669BS



Tgt Ion:113 Resp: 162834
Ion Ratio Lower Upper
113 100
55 122.3 114.7 154.7
56 95.3 81.1 121.1

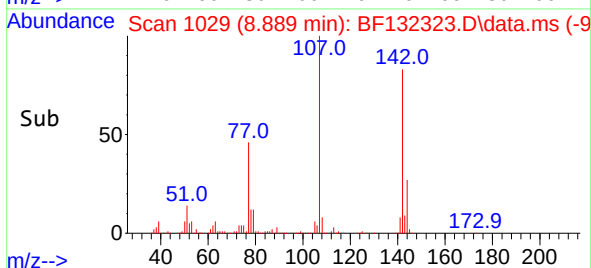
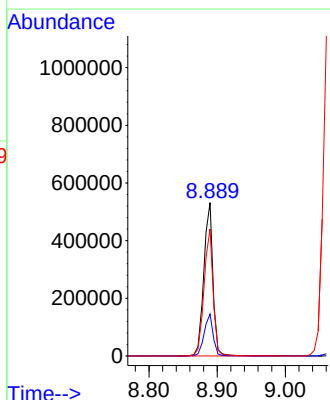
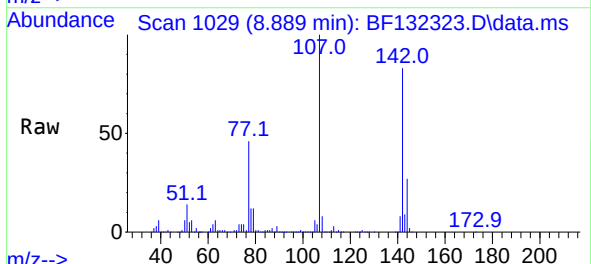
Manual Integrations
APPROVED

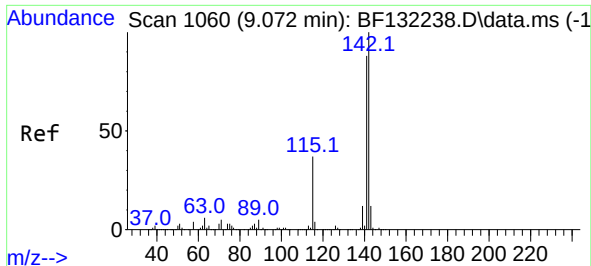
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#36
4-Chloro-3-methylphenol
Concen: 42.378 ng
RT: 8.889 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:107 Resp: 495640
Ion Ratio Lower Upper
107 100
144 27.3 20.5 30.7
142 82.9 63.6 95.4





#37

2-Methylnaphthalene

Concen: 39.853 ng

RT: 9.060 min Scan# 1060

Delta R.T. -0.006 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

Tgt Ion:142 Resp: 103804

Ion Ratio Lower Upper

142 100

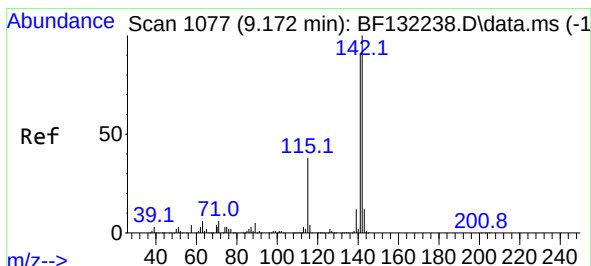
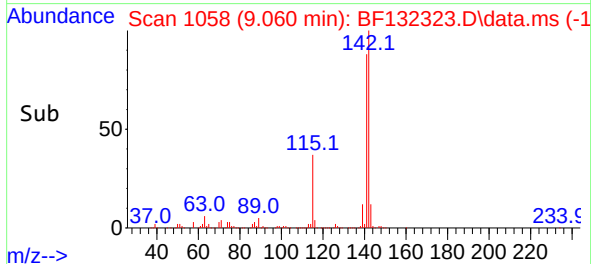
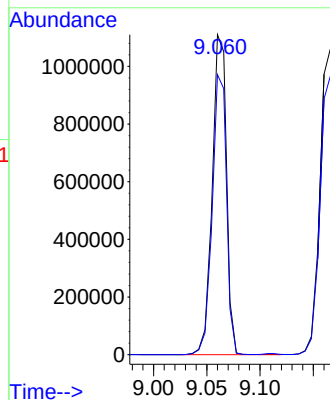
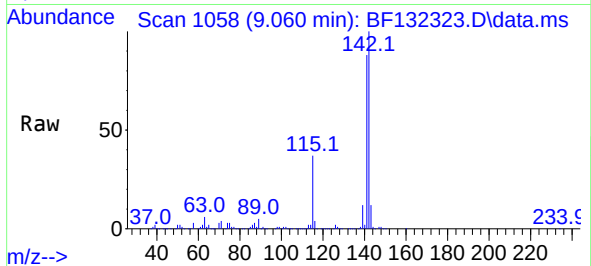
141 87.5 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#38

1-Methylnaphthalene

Concen: 39.900 ng

RT: 9.166 min Scan# 1076

Delta R.T. 0.000 min

Lab File: BF132323.D

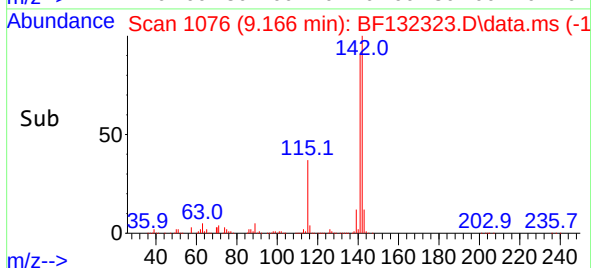
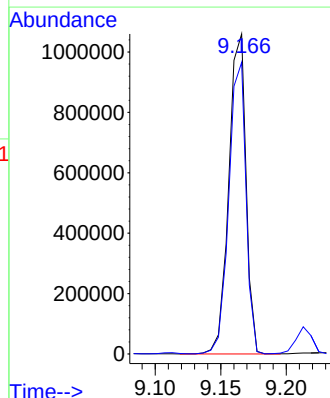
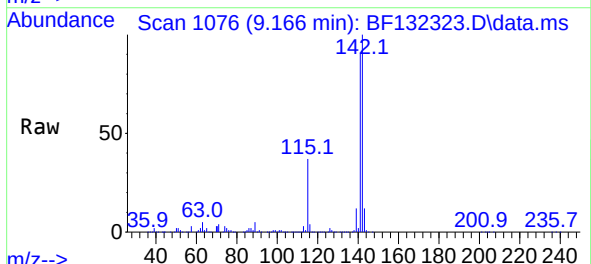
Acq: 03 Feb 2023 15:42

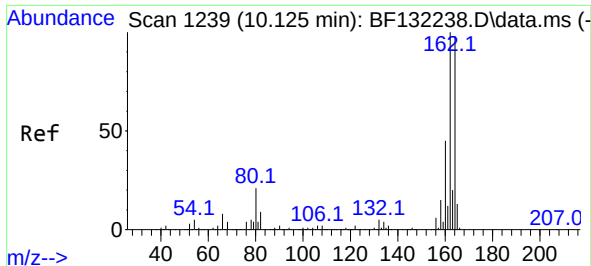
Tgt Ion:142 Resp: 965800

Ion Ratio Lower Upper

142 100

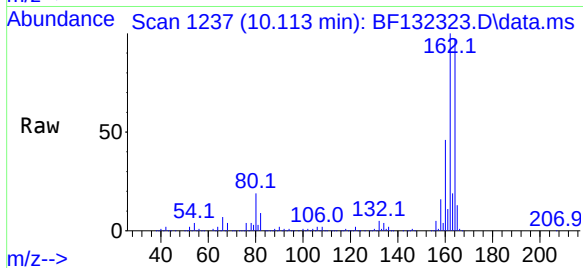
141 91.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

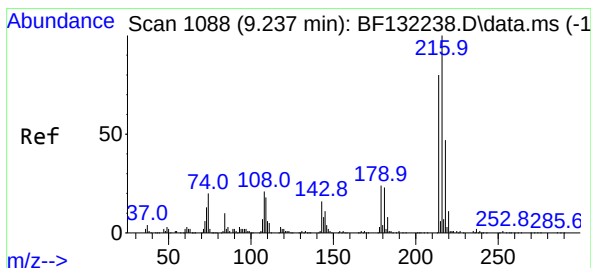
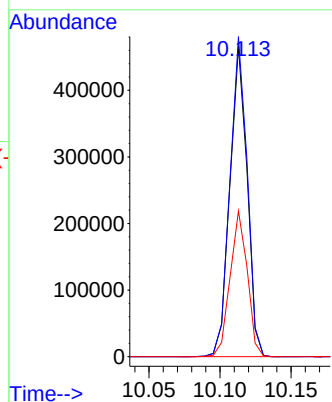
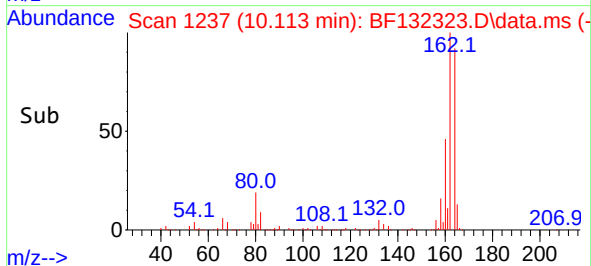
Instrument :
BNA_F
ClientSampleId :
PB150669BS



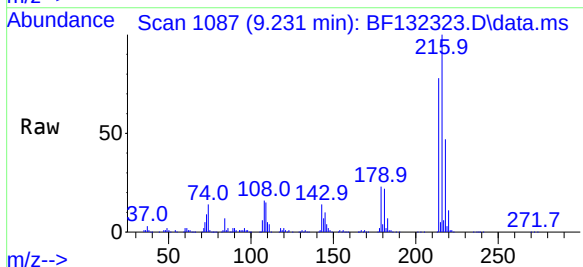
Tgt Ion:164 Resp: 391368
Ion Ratio Lower Upper
164 100
162 103.1 82.0 123.0
160 47.0 37.1 55.7

Manual Integrations
APPROVED

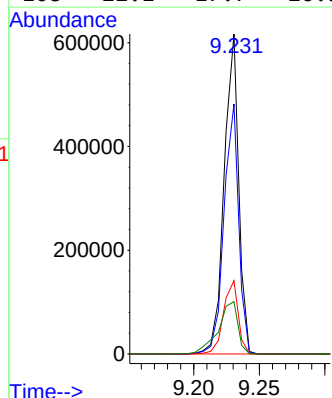
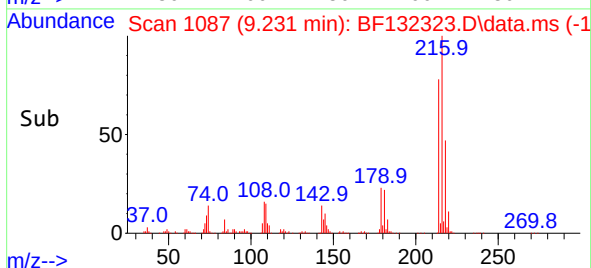
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

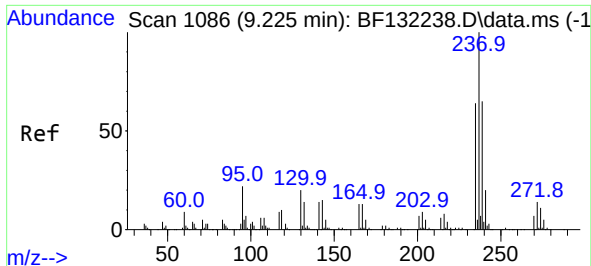


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.050 ng
RT: 9.231 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:216 Resp: 474134
Ion Ratio Lower Upper
216 100
214 78.8 63.6 95.4
179 23.1 18.3 27.5
108 22.1 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 89.975 ng
RT: 9.213 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

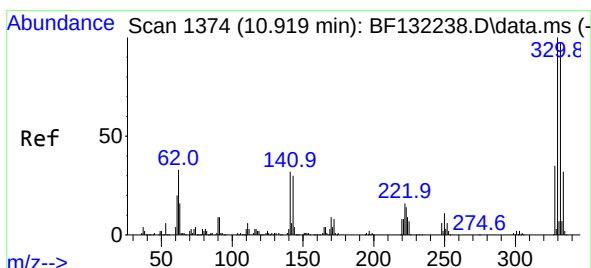
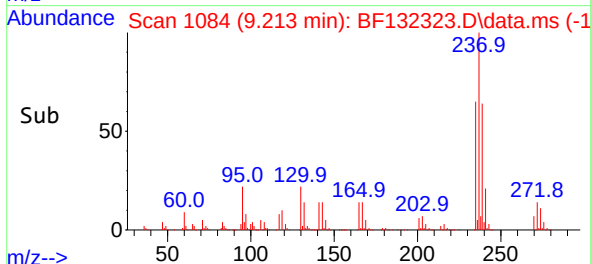
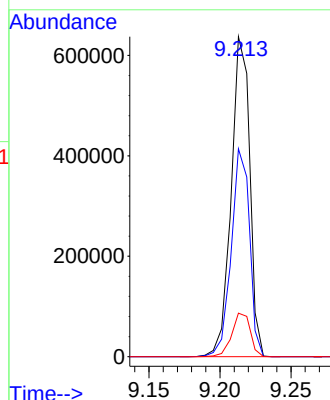
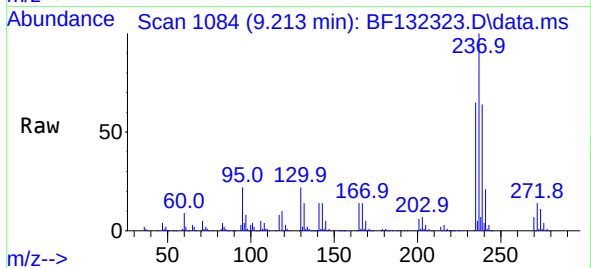
PB150669BS

Tgt Ion:237 Resp: 578149
Ion Ratio Lower Upper
237 100
235 64.9 43.5 83.5
272 13.6 0.0 33.6

Manual Integrations

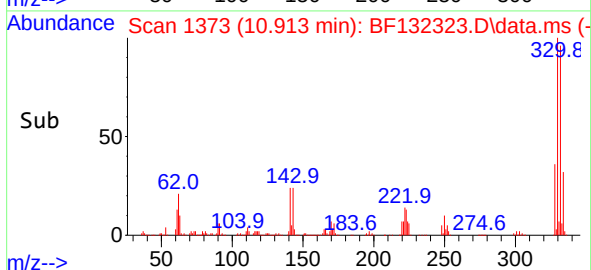
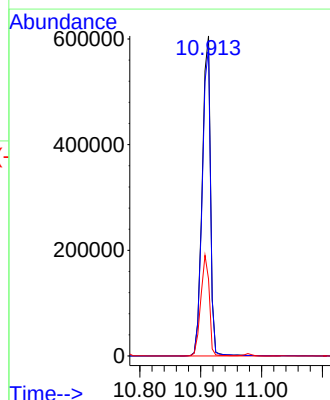
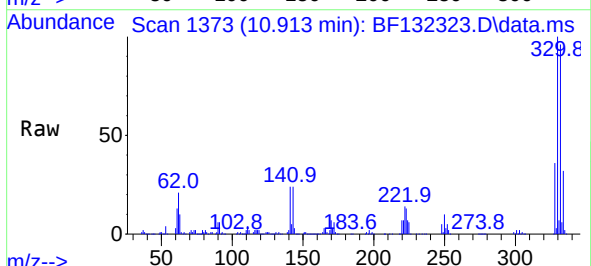
APPROVED

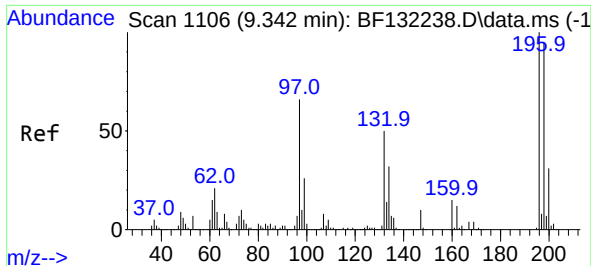
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#42
2,4,6-Tribromophenol
Concen: 141.499 ng
RT: 10.913 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

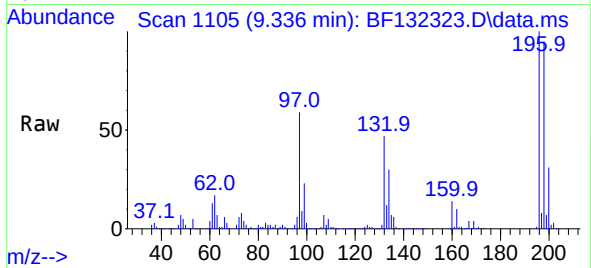
Tgt Ion:330 Resp: 569489
Ion Ratio Lower Upper
330 100
332 96.3 77.9 116.9
141 32.4 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.976 ng
RT: 9.336 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

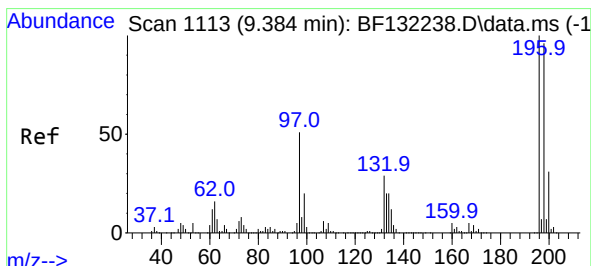
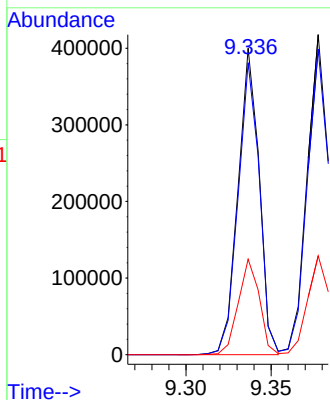
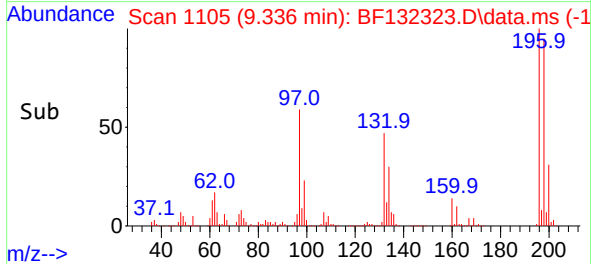
Instrument :
BNA_F
ClientSampleId :
PB150669BS



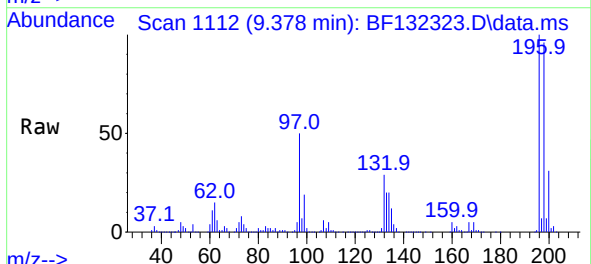
Tgt Ion:196 Resp: 346215
Ion Ratio Lower Upper
196 100
198 95.3 75.9 113.9
200 31.2 24.7 37.1

Manual Integrations
APPROVED

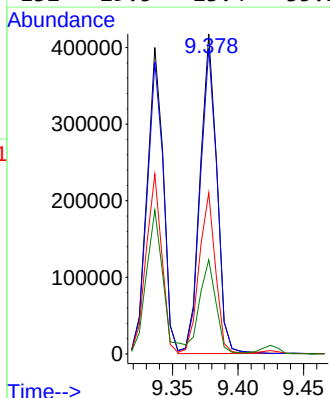
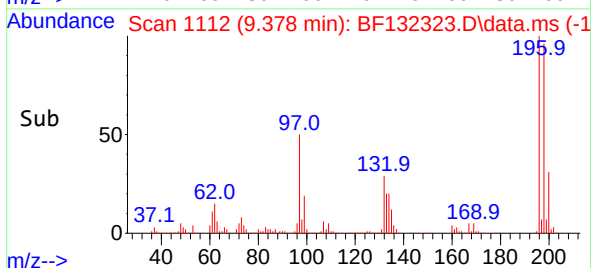
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

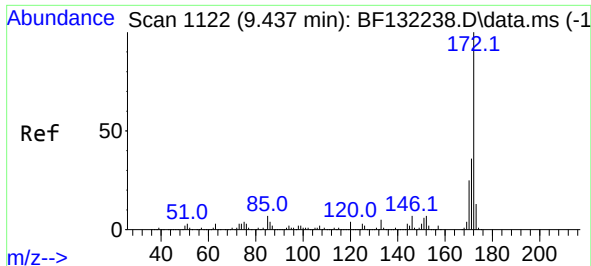


#44
2,4,5-Trichlorophenol
Concen: 40.920 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:196 Resp: 370798
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
97 50.3 41.2 61.8
132 29.5 23.4 35.2





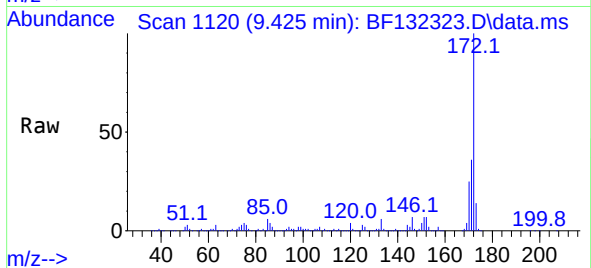
#45
2-Fluorobiphenyl
Concen: 76.054 ng
RT: 9.425 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

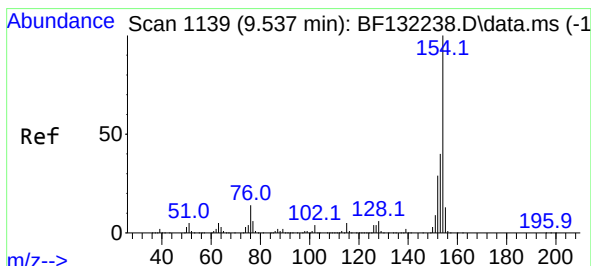
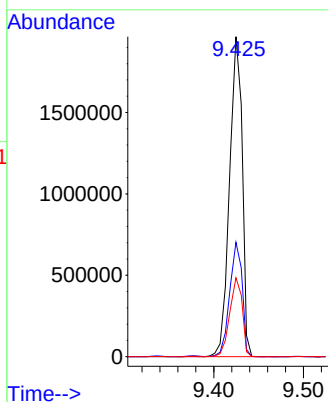
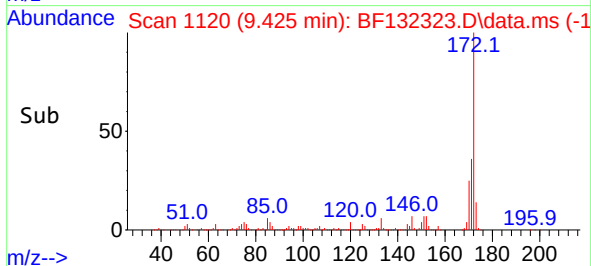


Tgt Ion:172 Resp: 1927488
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.7 19.7 29.5

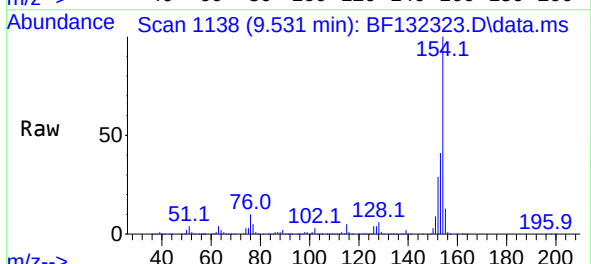
Manual Integrations

APPROVED

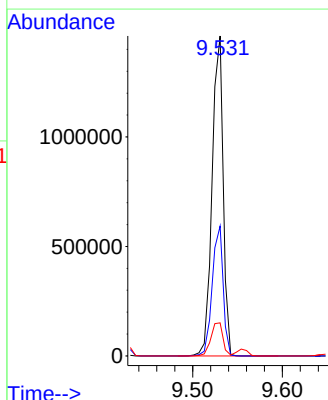
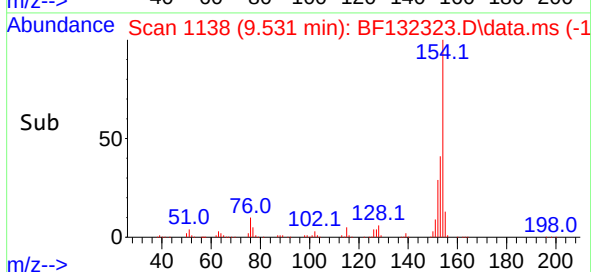
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

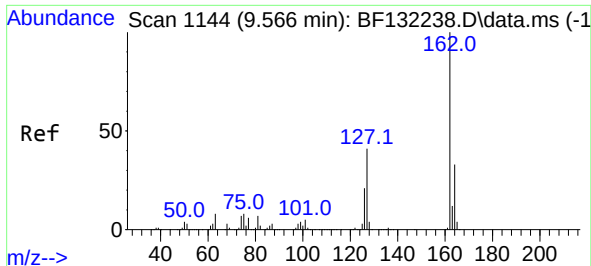


#46
1,1'-Biphenyl
Concen: 41.343 ng
RT: 9.531 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:154 Resp: 1247421
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 10.3 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.362 ng
RT: 9.554 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

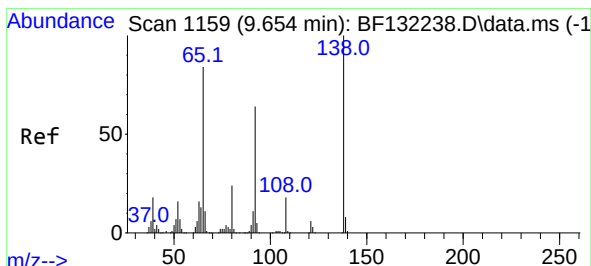
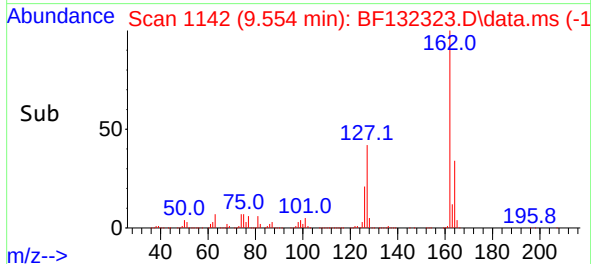
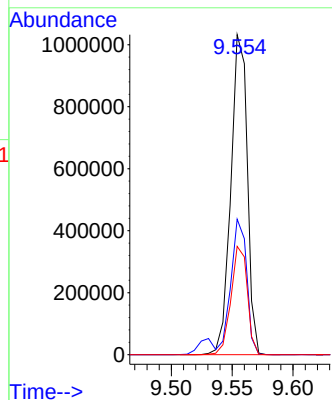
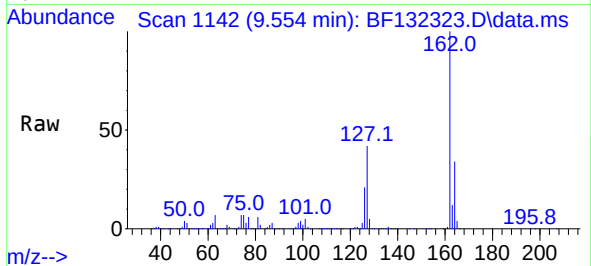
ClientSampleId :

PB150669BS

Tgt Ion:162 Resp: 97350
Ion Ratio Lower Upper
162 100
127 42.3 33.3 49.9
164 33.8 26.8 40.2

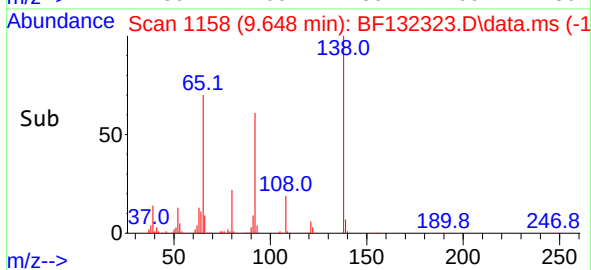
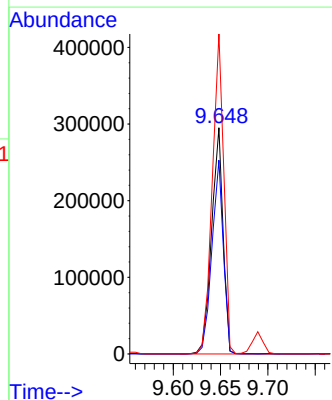
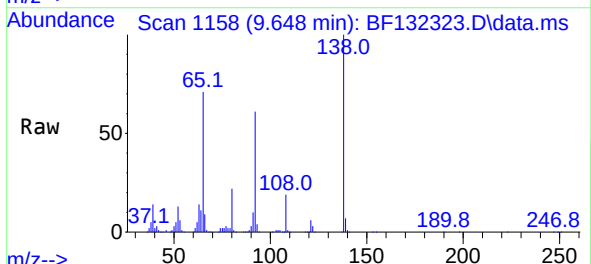
Manual Integrations
APPROVED

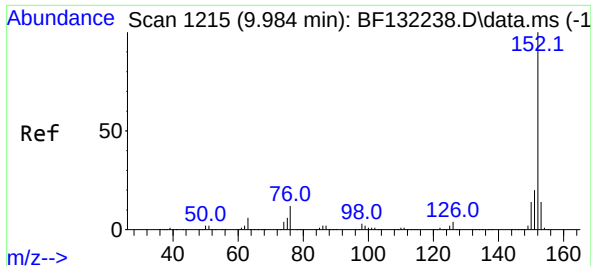
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#48
2-Nitroaniline
Concen: 36.450 ng
RT: 9.648 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion: 65 Resp: 249122
Ion Ratio Lower Upper
65 100
92 85.7 61.0 91.4
138 141.4 95.0 142.4





#49

Acenaphthylene

Concen: 40.625 ng

RT: 9.978 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

Tgt Ion:152 Resp: 1523690

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

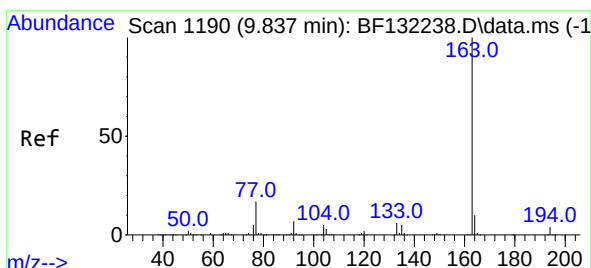
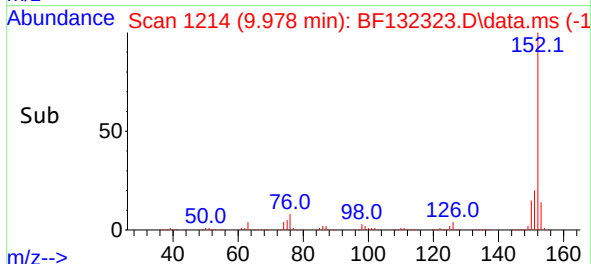
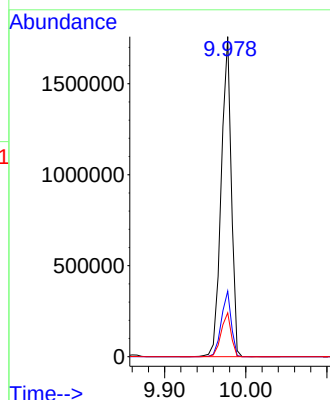
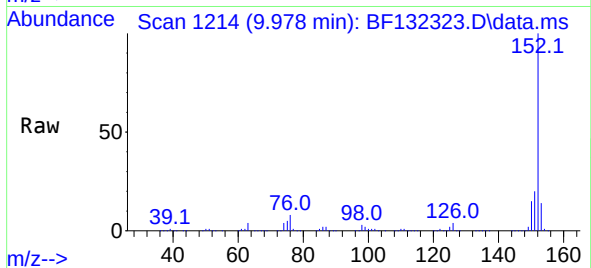
153 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#50

Dimethylphthalate

Concen: 41.962 ng

RT: 9.825 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

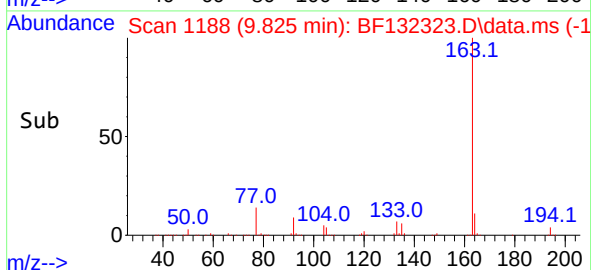
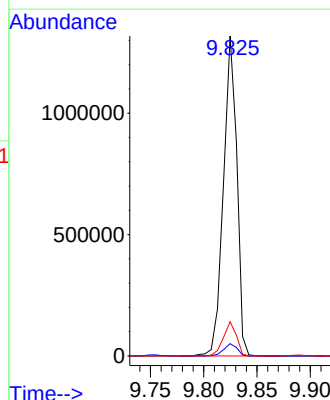
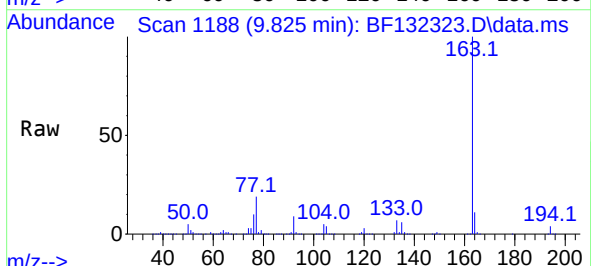
Tgt Ion:163 Resp: 1148767

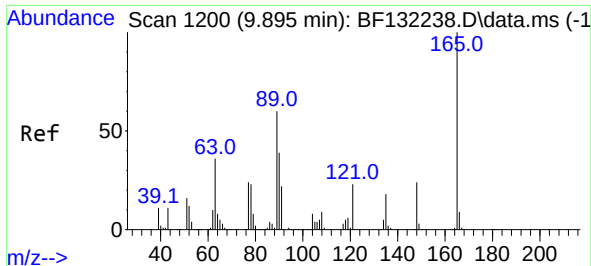
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.162 ng
RT: 9.889 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

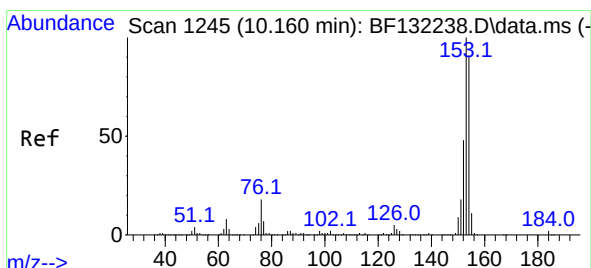
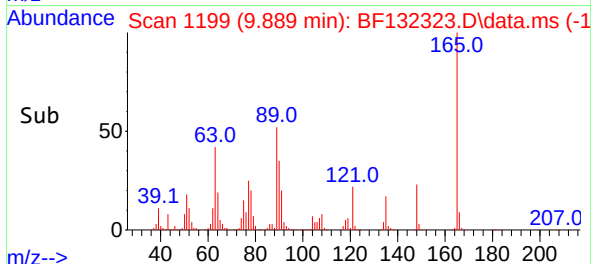
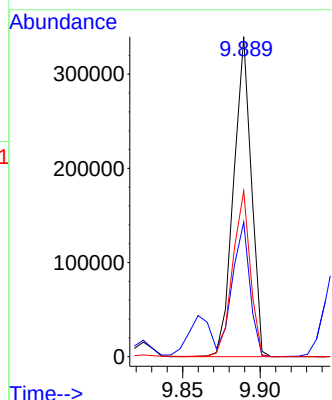
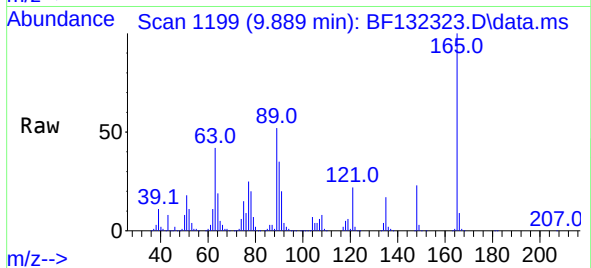
PB150669BS

Tgt Ion:165 Resp: 270014
Ion Ratio Lower Upper
165 100
63 42.0 41.5 62.3
89 51.8 48.1 72.1

Manual Integrations

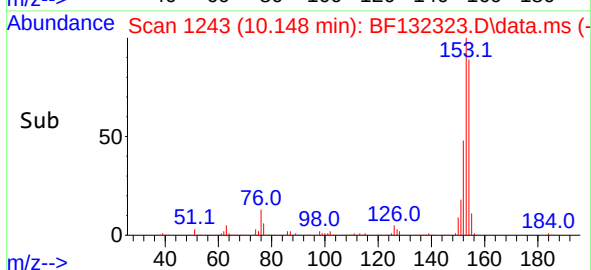
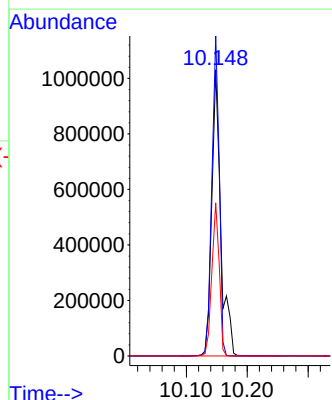
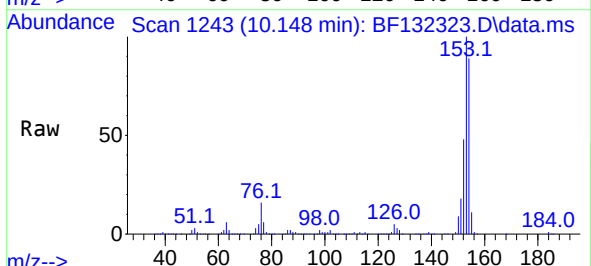
APPROVED

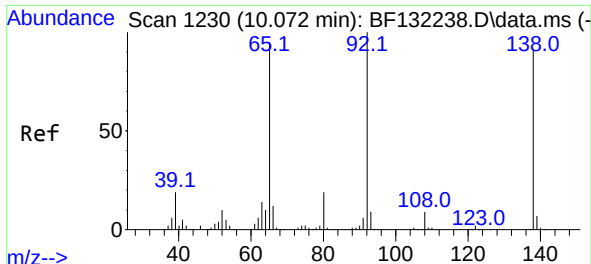
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#52
Acenaphthene
Concen: 45.499 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:154 Resp: 1068354
Ion Ratio Lower Upper
154 100
153 111.8 88.3 132.5
152 53.5 42.7 64.1





#53
3-Nitroaniline
Concen: 26.930 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

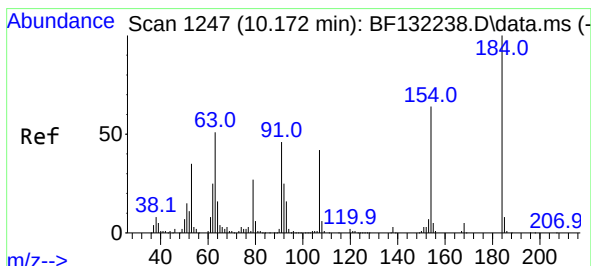
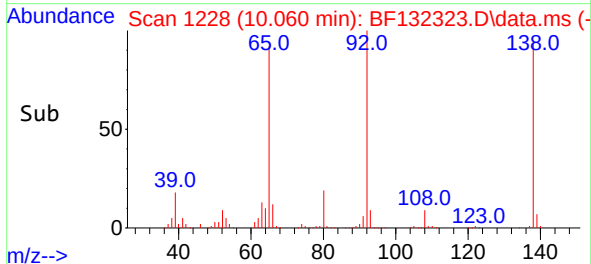
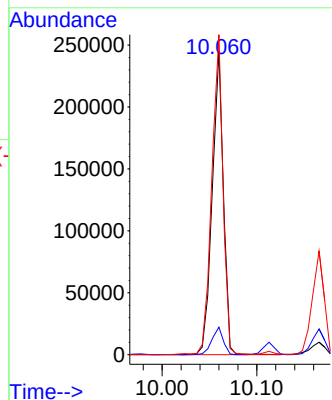
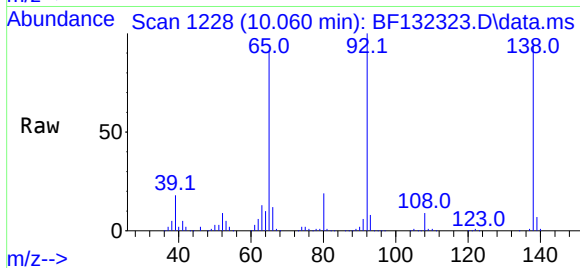
PB150669BS

Tgt Ion:138 Resp: 199670
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 105.3 88.3 132.5

Manual Integrations

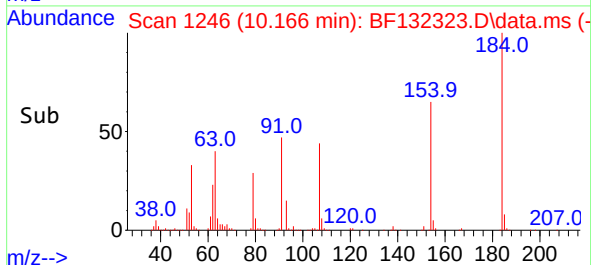
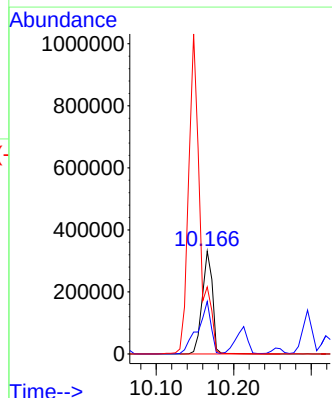
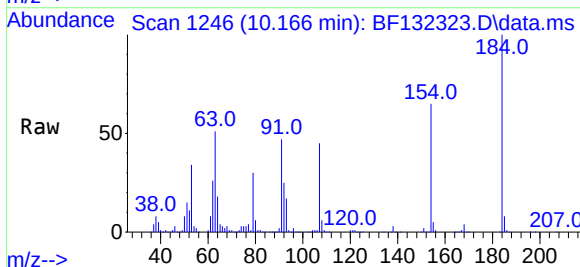
APPROVED

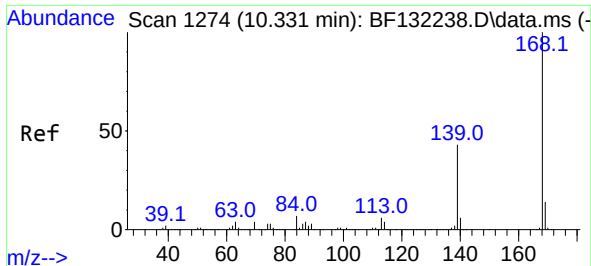
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#54
2,4-Dinitrophenol
Concen: 85.539 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

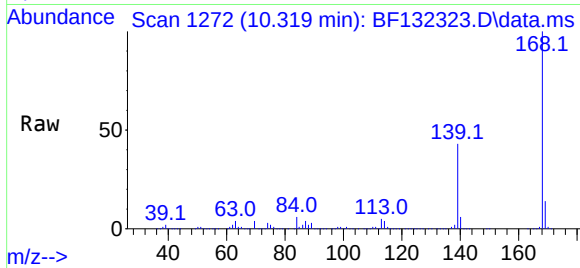
Tgt Ion:184 Resp: 304290
Ion Ratio Lower Upper
184 100
63 51.2 41.6 62.4
154 65.3 57.0 85.6





#55
Dibenzofuran
Concen: 40.113 ng
RT: 10.319 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

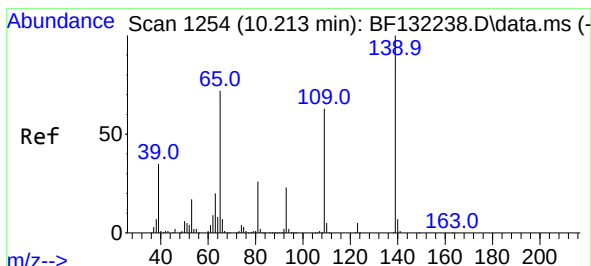
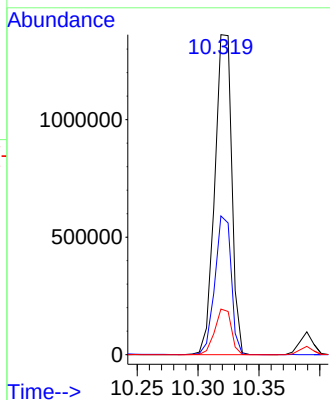
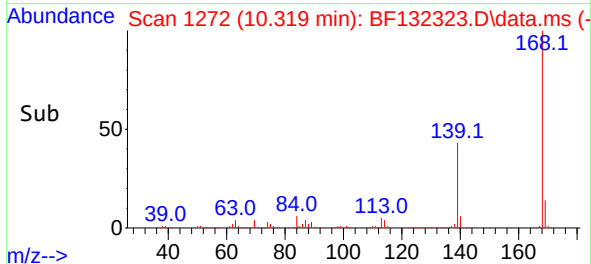
Instrument :
BNA_F
ClientSampleId :
PB150669BS



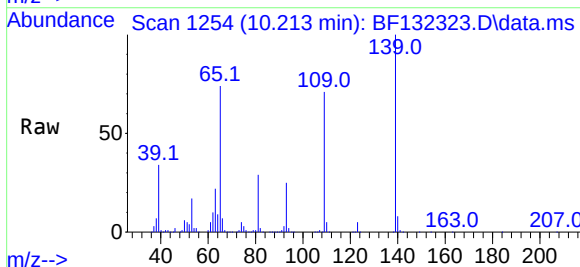
Tgt Ion:168 Resp: 1323404
Ion Ratio Lower Upper
168 100
139 43.3 34.2 51.4
169 14.3 11.2 16.8

Manual Integrations
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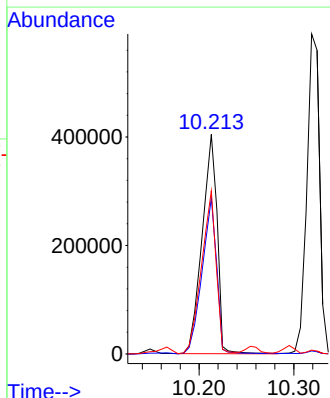
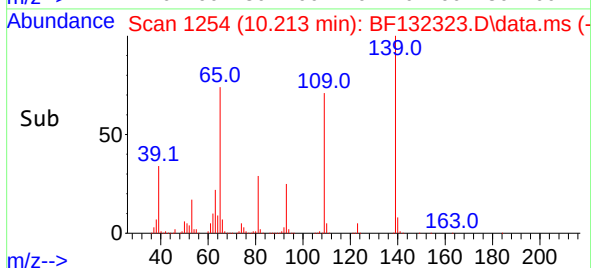
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

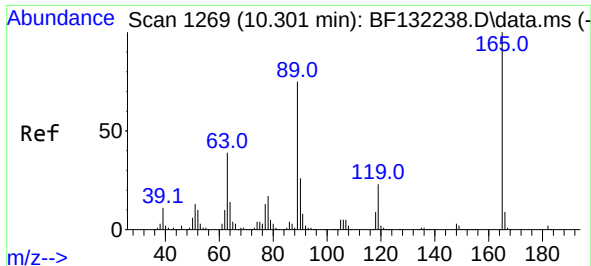


#56
4-Nitrophenol
Concen: 80.092 ng
RT: 10.213 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:139 Resp: 446883
Ion Ratio Lower Upper
139 100
109 70.9 43.3 83.3
65 74.3 52.3 92.3





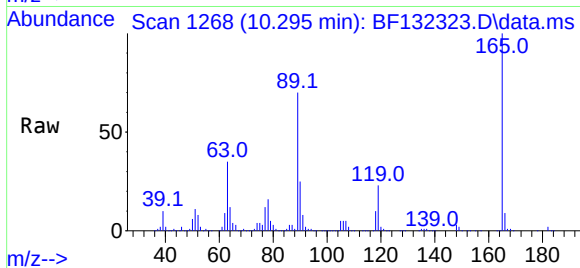
#57
2,4-Dinitrotoluene
Concen: 44.342 ng
RT: 10.295 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

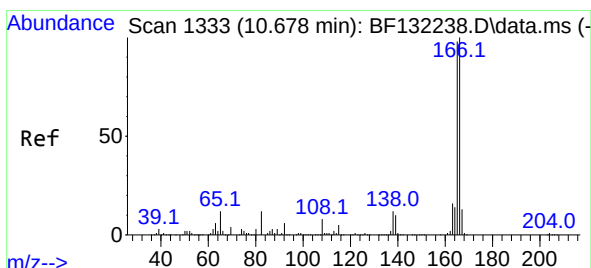
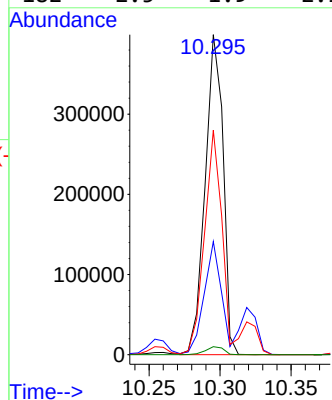
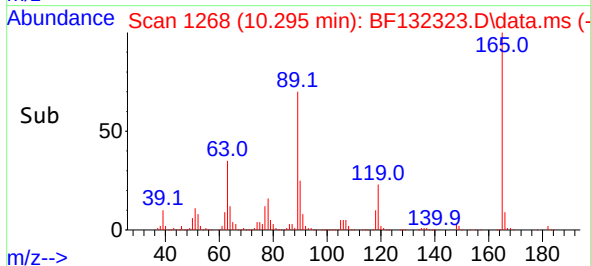


Tgt Ion:165 Resp: 352180
Ion Ratio Lower Upper
165 100
63 35.4 30.9 46.3
89 70.1 60.1 90.1
182 2.5 1.9 2.9

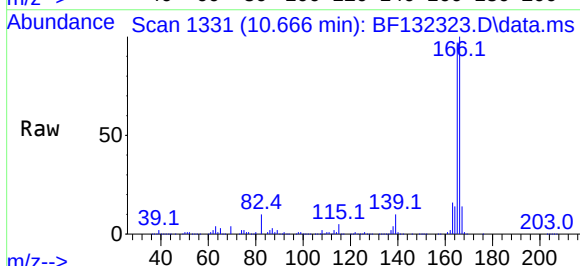
Manual Integrations

APPROVED

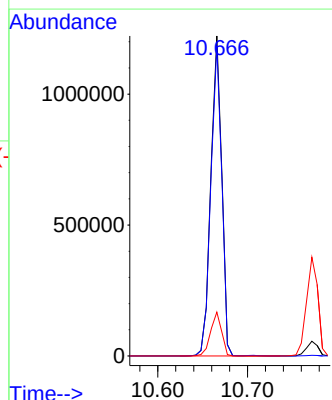
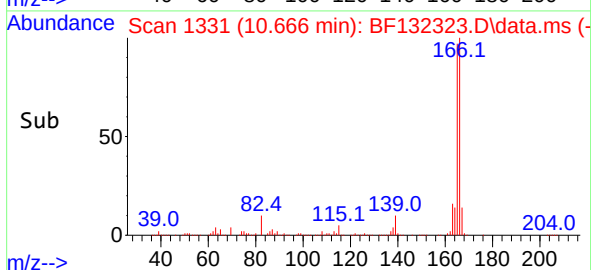
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

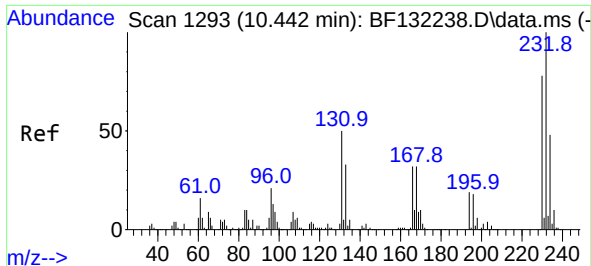


#58
Fluorene
Concen: 40.582 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



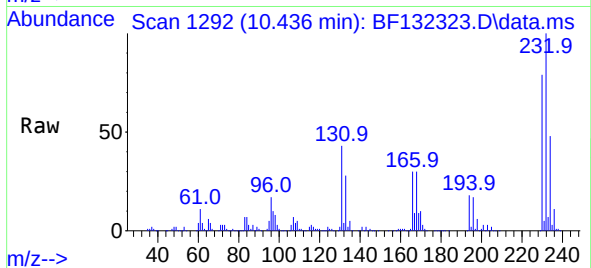
Tgt Ion:166 Resp: 1030403
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.503 ng
RT: 10.436 min Scan# 104
Delta R.T. 0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

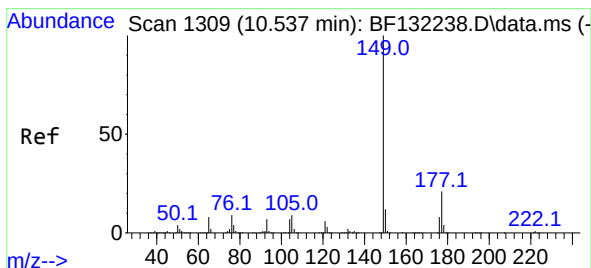
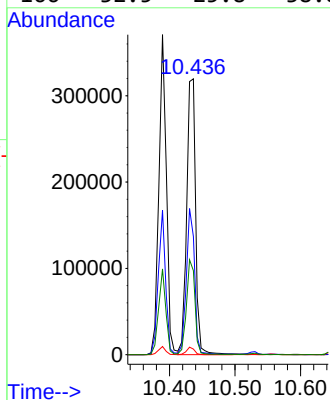
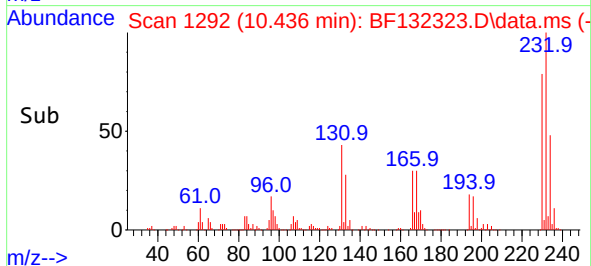
Instrument :
BNA_F
ClientSampleId :
PB150669BS



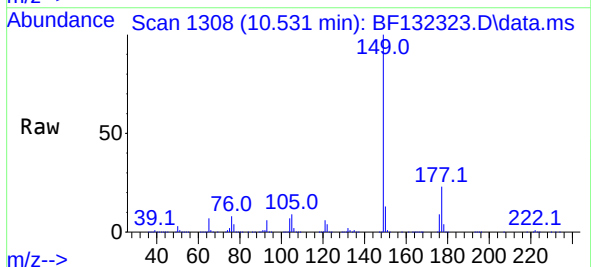
Tgt Ion:232 Resp: 300594
Ion Ratio Lower Upper
232 100
131 48.5 40.6 61.0
130 2.4 1.9 2.9
166 32.5 25.8 38.8

Manual Integrations
APPROVED

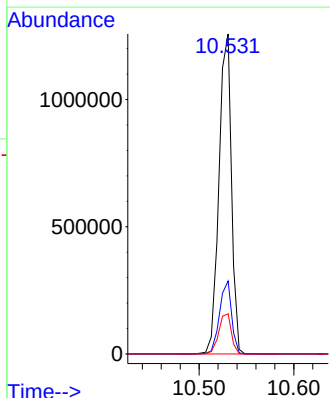
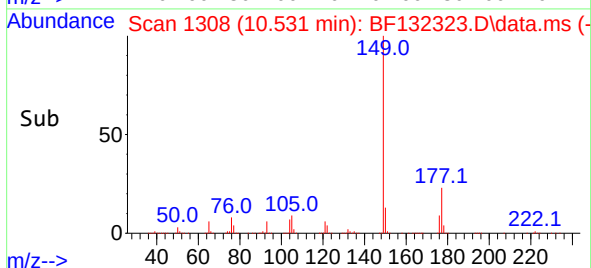
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

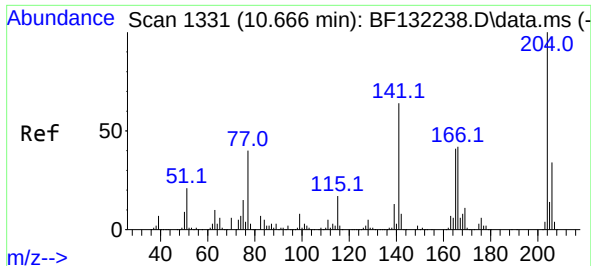


#60
Diethylphthalate
Concen: 42.319 ng
RT: 10.531 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:149 Resp: 1152519
Ion Ratio Lower Upper
149 100
177 22.8 17.1 25.7
150 12.6 9.9 14.9





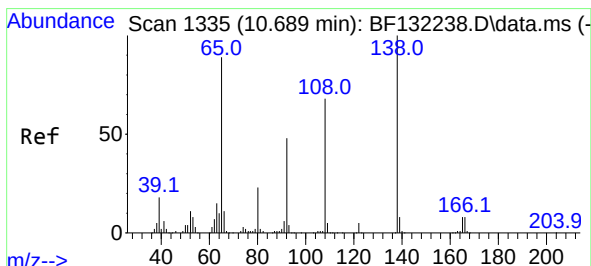
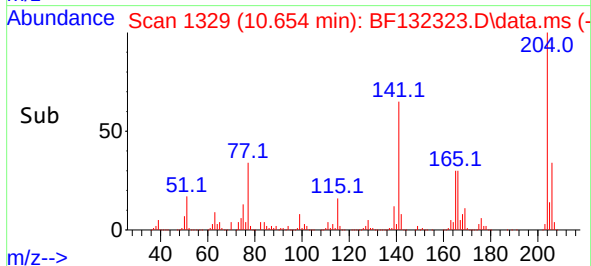
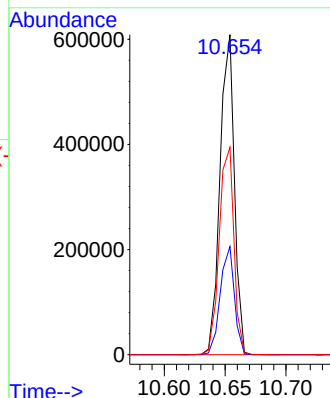
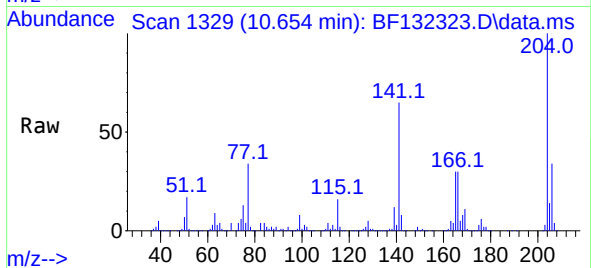
#61
4-Chlorophenyl-phenylether
Concen: 41.682 ng
RT: 10.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :
BNA_F
ClientSampleId :
PB150669BS

Tgt Ion:204 Resp: 50226
Ion Ratio Lower Upper
204 100
206 33.8 26.8 40.2
141 64.8 51.4 77.0

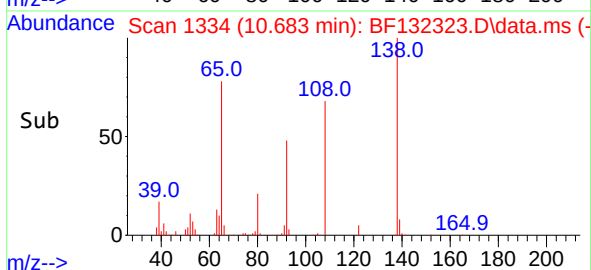
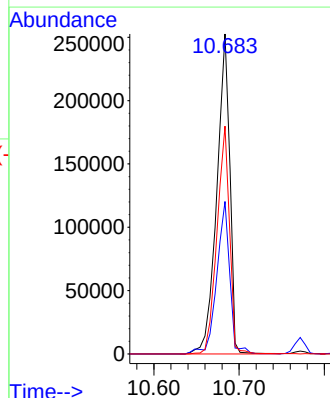
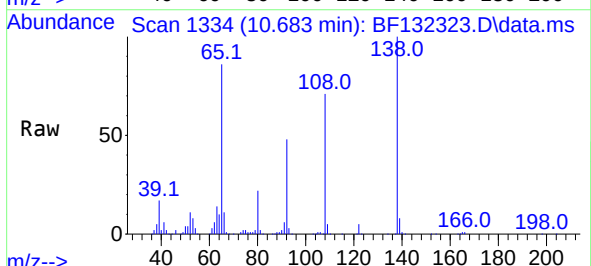
Manual Integrations
APPROVED

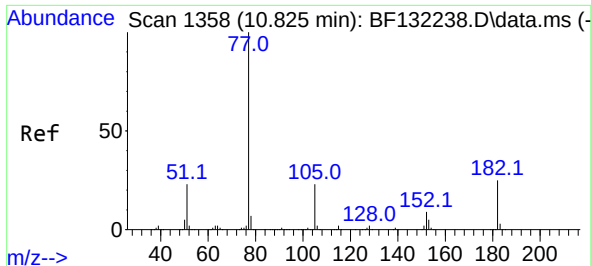
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#62
4-Nitroaniline
Concen: 37.744 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:138 Resp: 268368
Ion Ratio Lower Upper
138 100
92 47.7 27.7 67.7
108 71.2 48.5 88.5





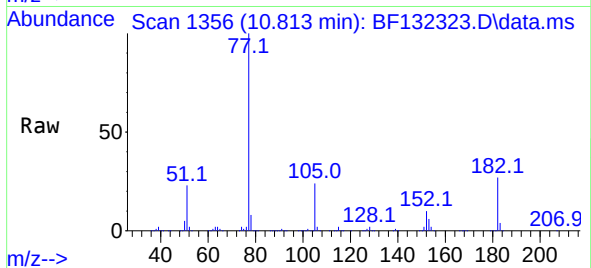
#63
Azobenzene
Concen: 36.844 ng
RT: 10.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

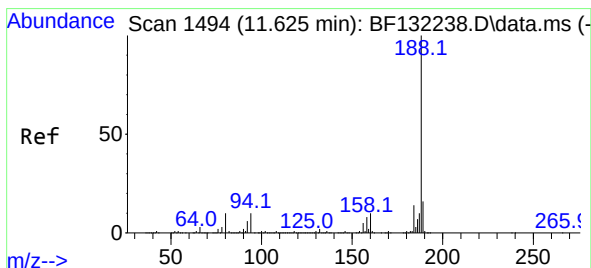
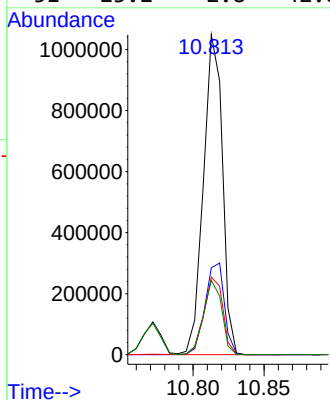
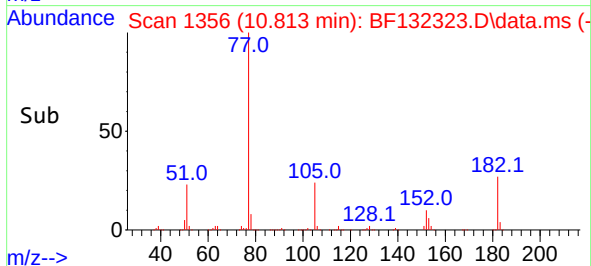


Tgt Ion: 77 Resp: 97740
Ion Ratio Lower Upper
77 100
182 27.1 4.5 44.5
105 24.2 2.7 42.7
51 23.2 2.8 42.8

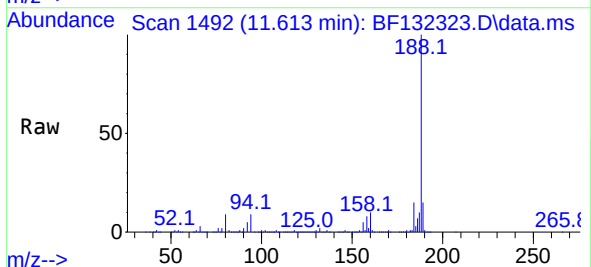
Manual Integrations

APPROVED

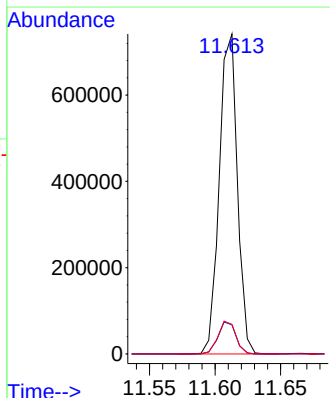
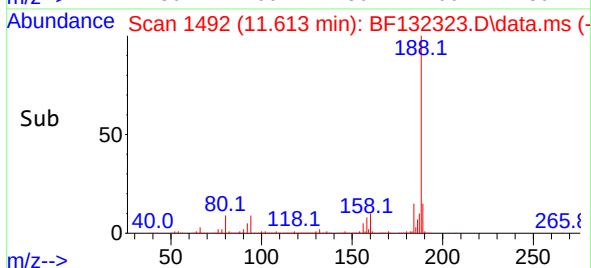
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

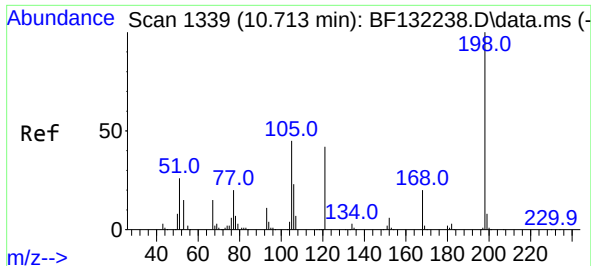


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:188 Resp: 709578
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.3 8.3 12.5





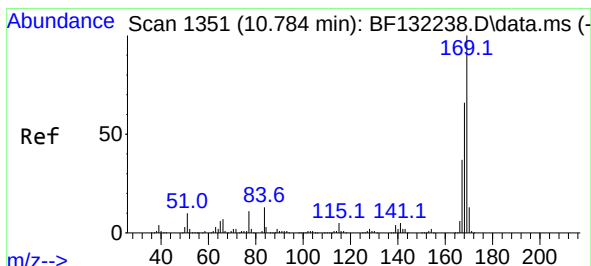
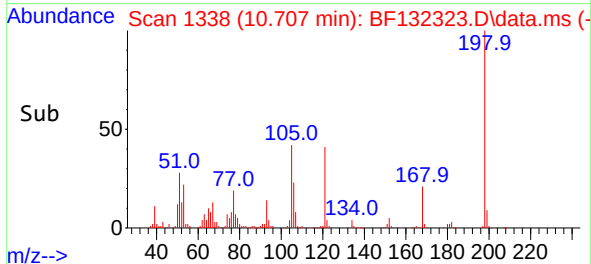
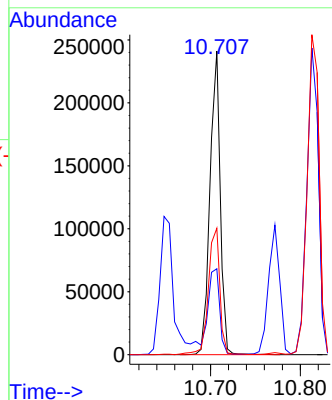
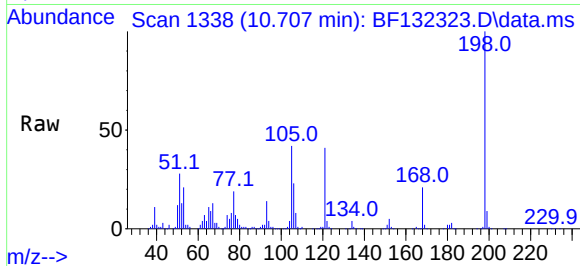
#65
4,6-Dinitro-2-methylphenol
Concen: 47.554 ng
RT: 10.707 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :
BNA_F
ClientSampleId :
PB150669BS

Tgt Ion:198 Resp: 19151
Ion Ratio Lower Upper
198 100
51 28.3 13.1 53.1
105 41.7 26.0 66.0

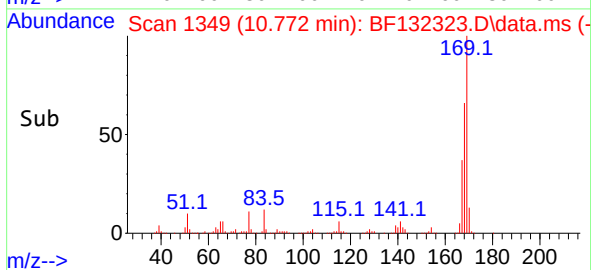
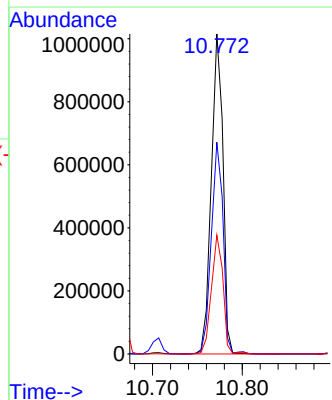
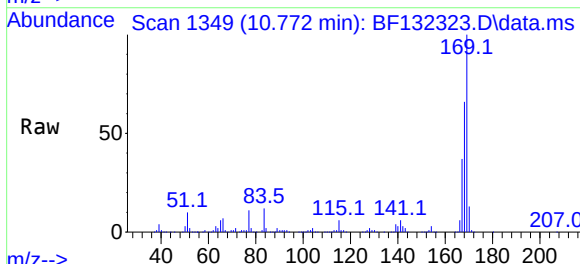
Manual Integrations
APPROVED

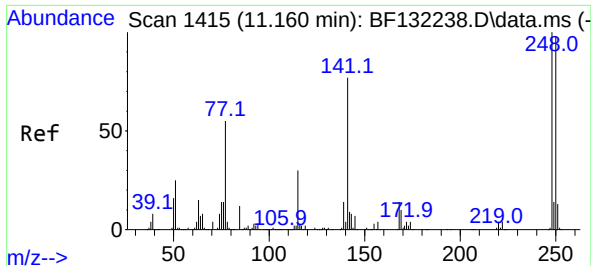
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#66
n-Nitrosodiphenylamine
Concen: 41.036 ng
RT: 10.772 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:169 Resp: 911798
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 37.1 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 44.878 ng
RT: 11.148 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

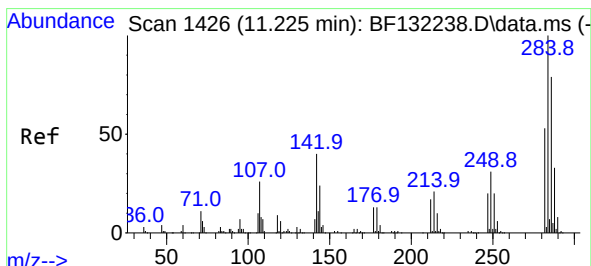
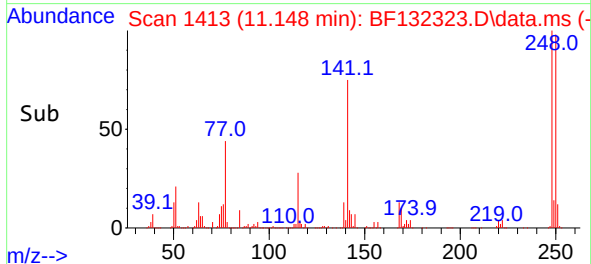
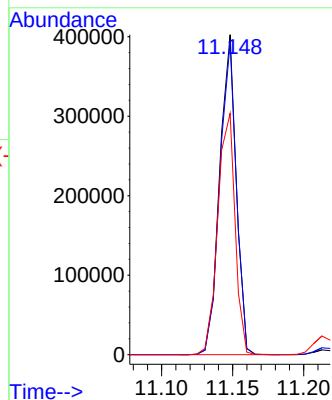
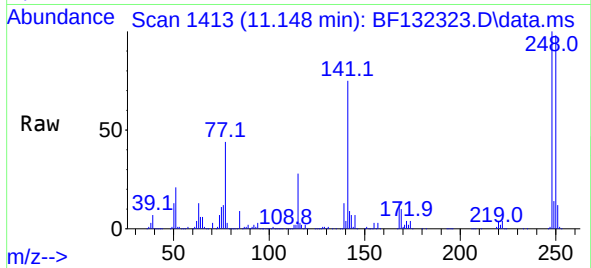
PB150669BS

Tgt Ion:248 Resp: 32608
Ion Ratio Lower Upper
248 100
250 97.5 78.6 117.8
141 75.4 61.6 92.4

Manual Integrations

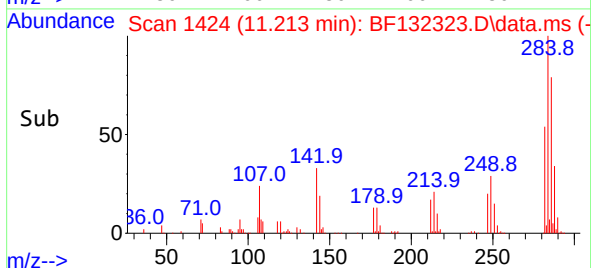
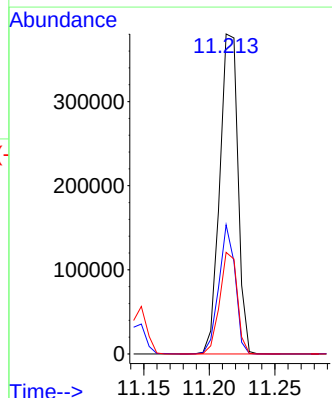
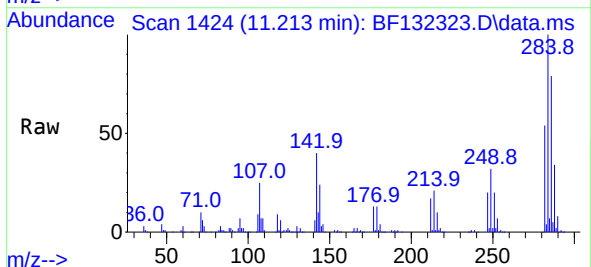
APPROVED

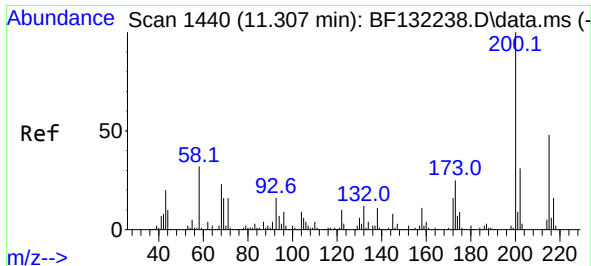
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#68
Hexachlorobenzene
Concen: 47.286 ng
RT: 11.213 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

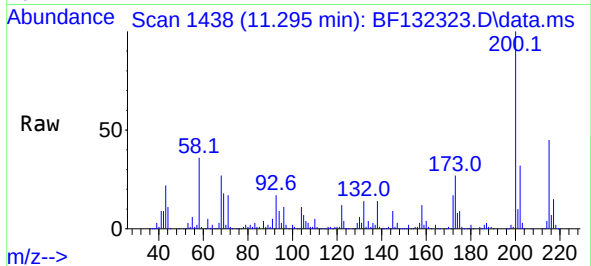
Tgt Ion:284 Resp: 367233
Ion Ratio Lower Upper
284 100
142 40.3 32.2 48.4
249 31.8 25.0 37.6





#69
Atrazine
Concen: 49.615 ng
RT: 11.295 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

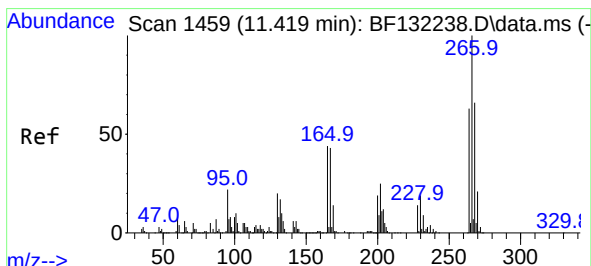
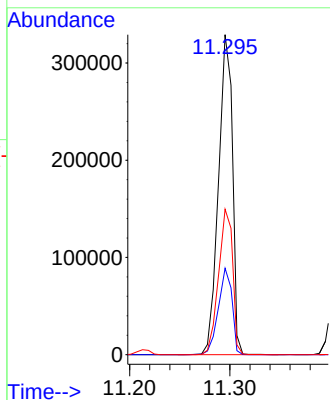
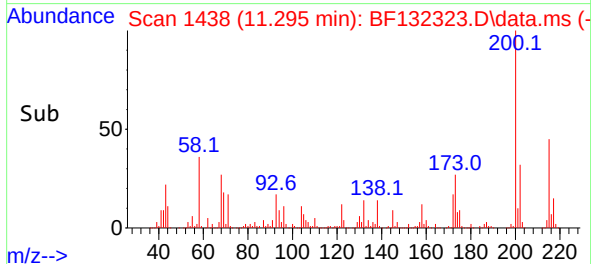
Instrument :
BNA_F
ClientSampleId :
PB150669BS



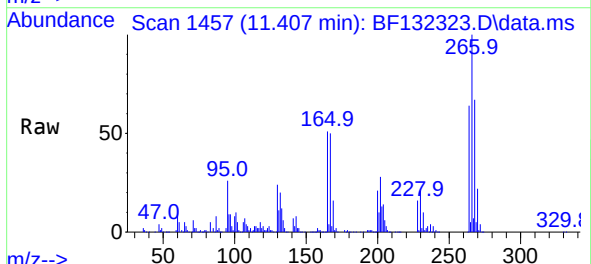
Tgt Ion:200 Resp: 31709
Ion Ratio Lower Upper
200 100
173 27.0 5.1 45.1
215 45.4 27.6 67.6

Manual Integrations
APPROVED

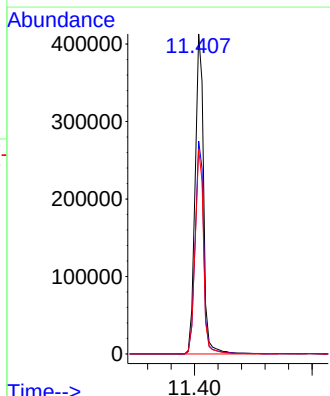
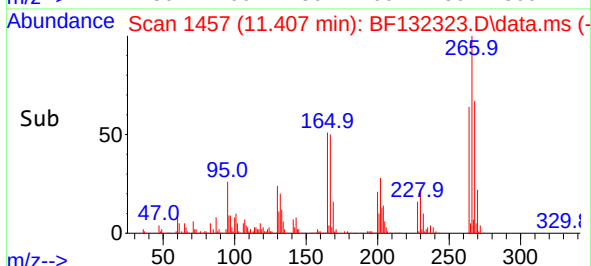
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

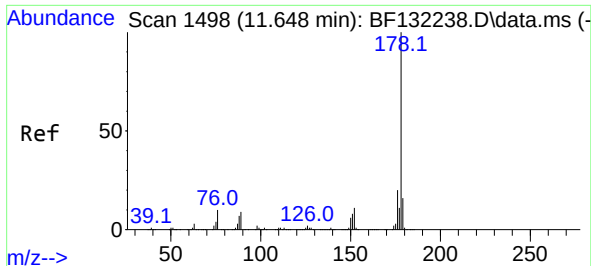


#70
Pentachlorophenol
Concen: 77.275 ng
RT: 11.407 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:266 Resp: 412348
Ion Ratio Lower Upper
266 100
268 66.5 53.0 79.4
264 64.1 50.5 75.7





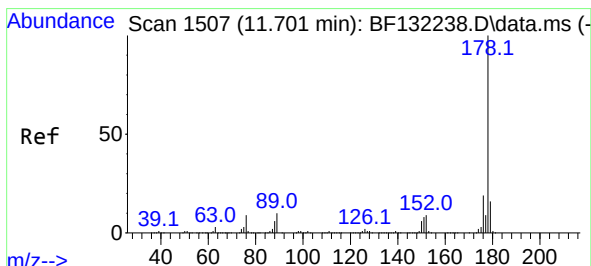
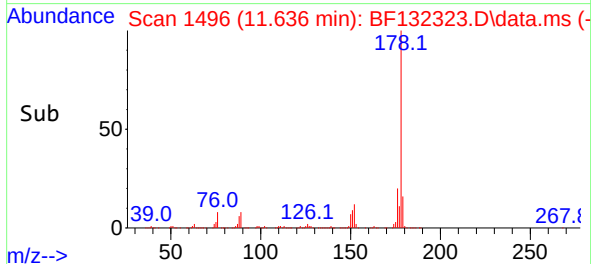
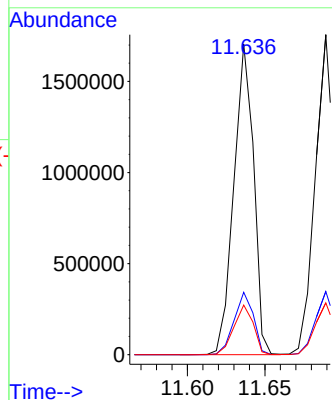
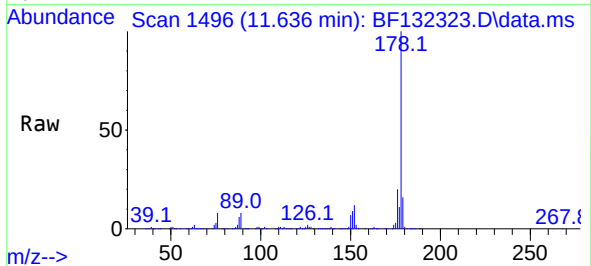
#71
Phenanthrene
Concen: 40.801 ng
RT: 11.636 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :
BNA_F
ClientSampleId :
PB150669BS

Tgt Ion:178 Resp: 1512874
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.0 12.8 19.2

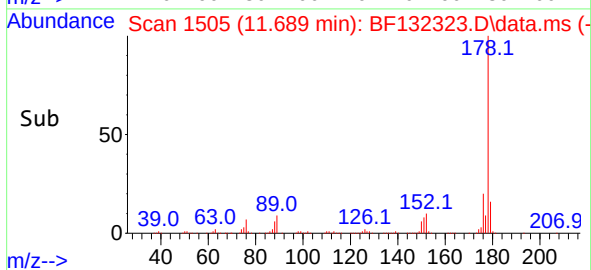
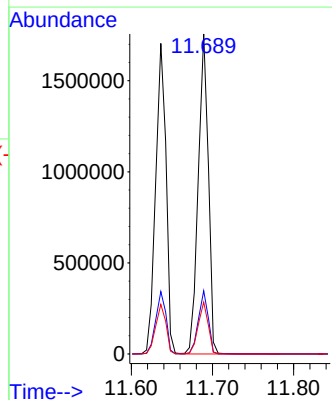
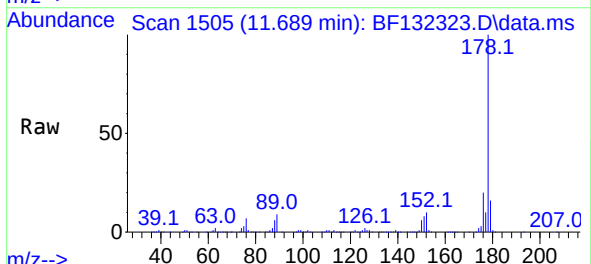
Manual Integrations
APPROVED

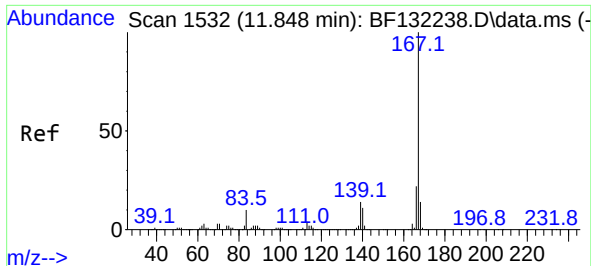
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#72
Anthracene
Concen: 40.512 ng
RT: 11.689 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:178 Resp: 1528720
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.2 12.8 19.2





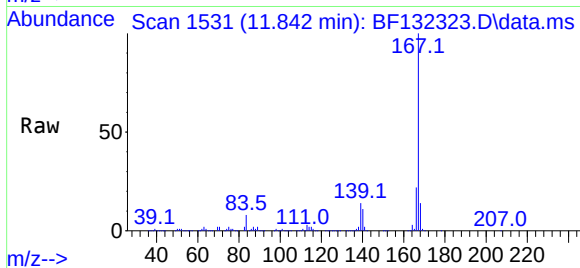
#73
 Carbazole
 Concen: 39.971 ng
 RT: 11.842 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF132323.D
 Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

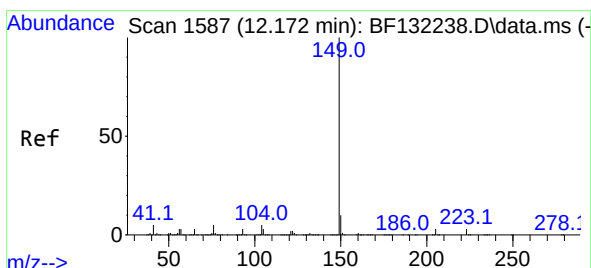
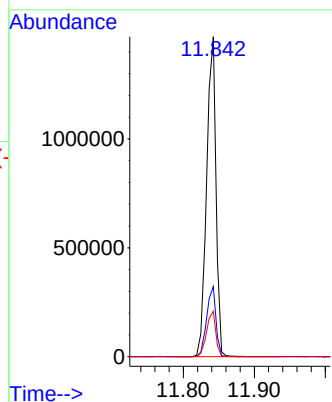
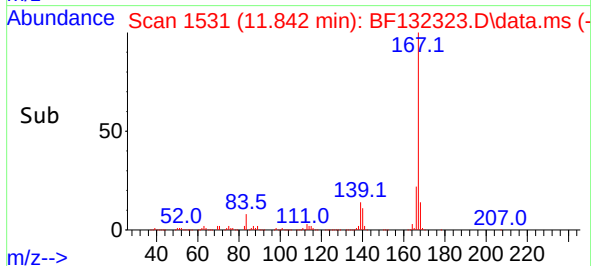


Tgt Ion:167 Resp: 1352428
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.1 11.4 17.2

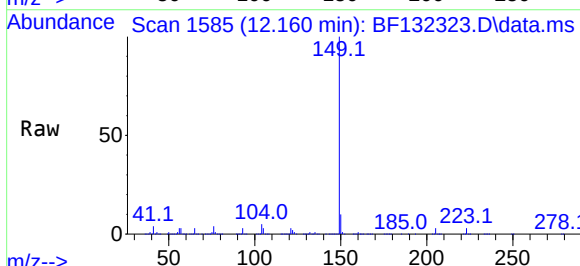
Manual Integrations

APPROVED

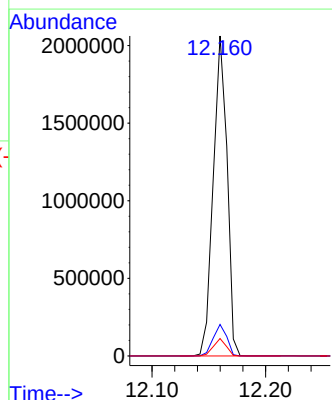
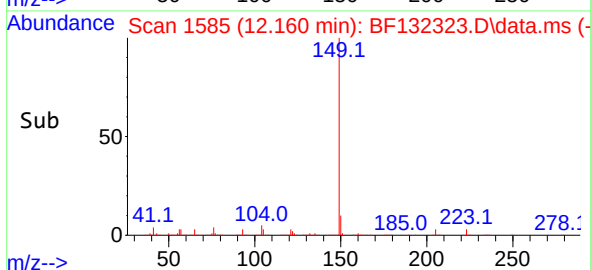
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

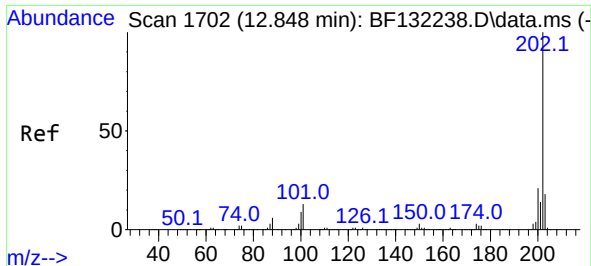


#74
 Di-n-butylphthalate
 Concen: 43.399 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BF132323.D
 Acq: 03 Feb 2023 15:42



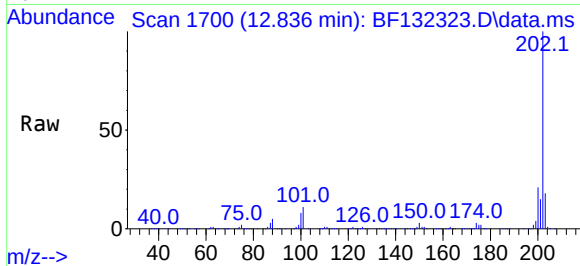
Tgt Ion:149 Resp: 1736016
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 38.521 ng
RT: 12.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

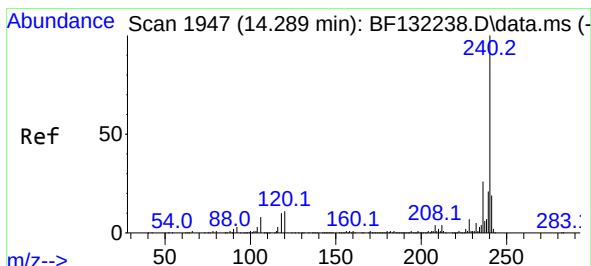
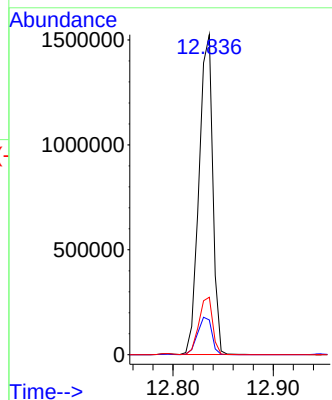
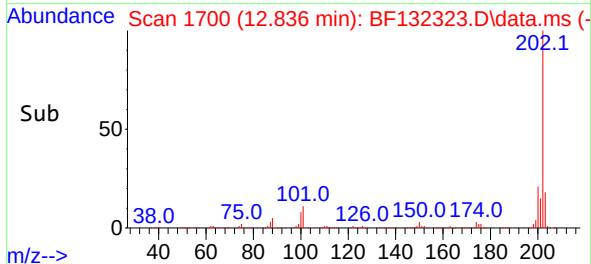
Instrument :
BNA_F
ClientSampleId :
PB150669BS



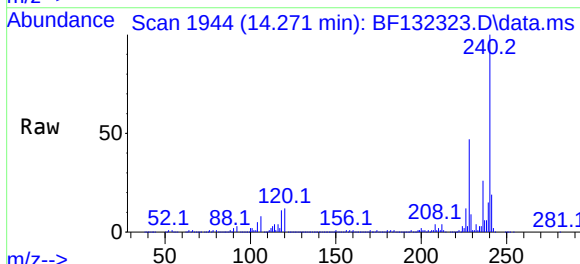
Tgt Ion:202 Resp: 145758
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.7
203 17.9 0.0 37.9

Manual Integrations
APPROVED

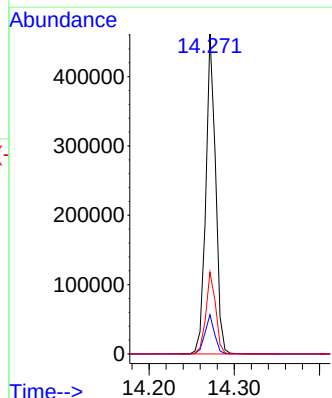
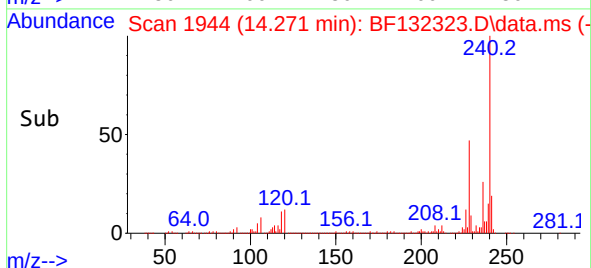
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

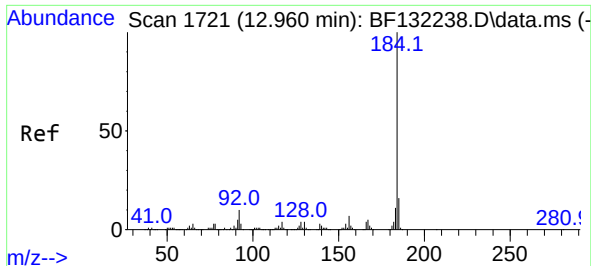


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



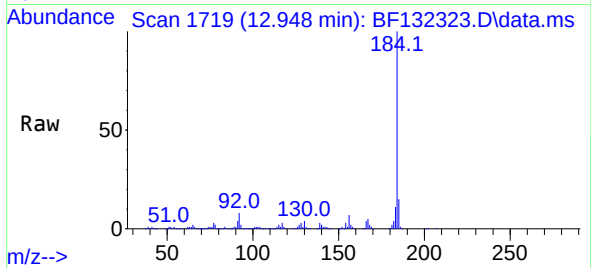
Tgt Ion:240 Resp: 366238
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 25.6 21.0 31.6





#77
Benzidine
Concen: 32.344 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

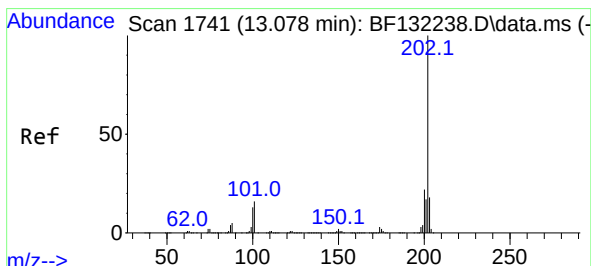
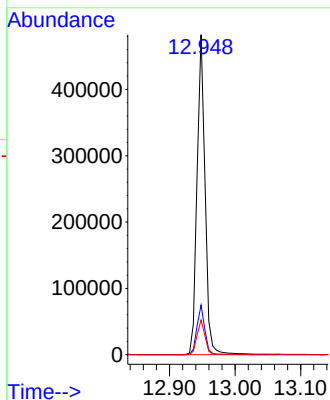
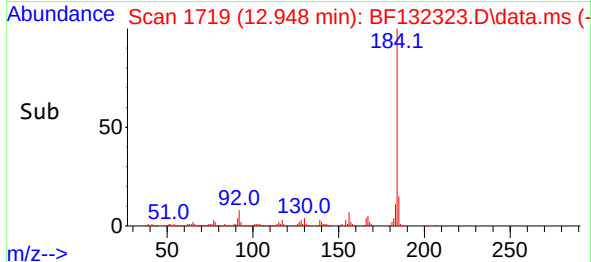
Instrument :
BNA_F
ClientSampleId :
PB150669BS



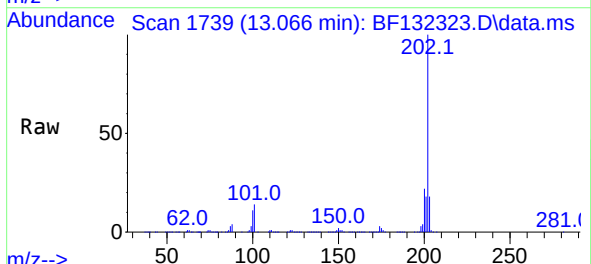
Tgt Ion:184 Resp: 414134
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 10.9 8.9 13.3

Manual Integrations
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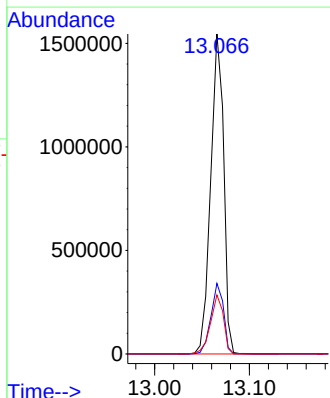
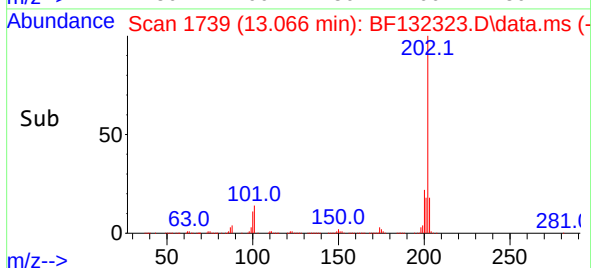
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

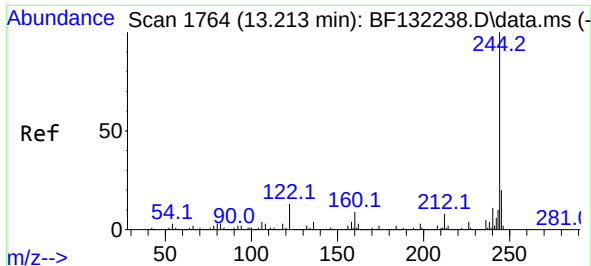


#78
Pyrene
Concen: 49.732 ng
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:202 Resp: 1464932
Ion Ratio Lower Upper
202 100
200 22.1 17.3 25.9
203 18.5 14.4 21.6





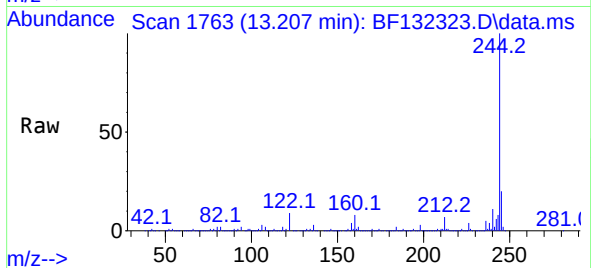
#79
Terphenyl-d14
Concen: 107.579 ng
RT: 13.207 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

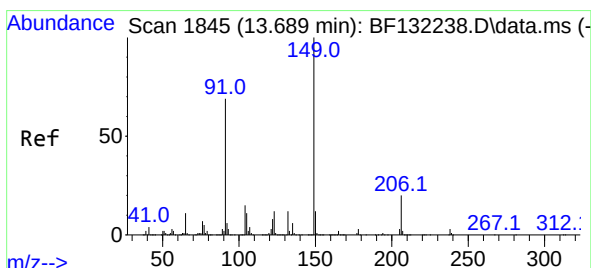
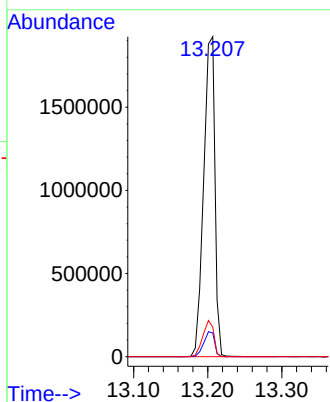
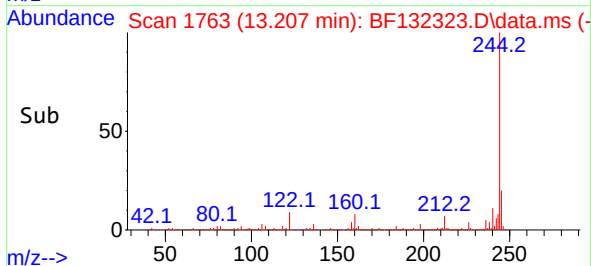


Tgt Ion:244 Resp: 203677
Ion Ratio Lower Upper
244 100
212 7.4 6.4 9.6
122 9.2 10.5 15.7

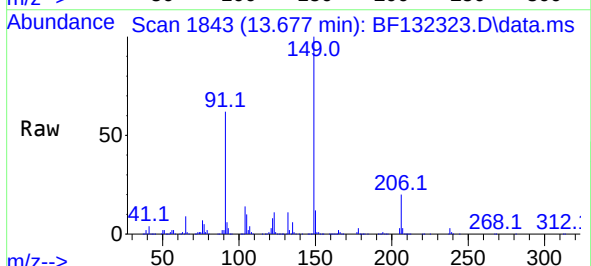
Manual Integrations

APPROVED

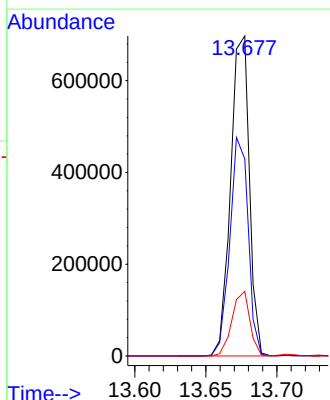
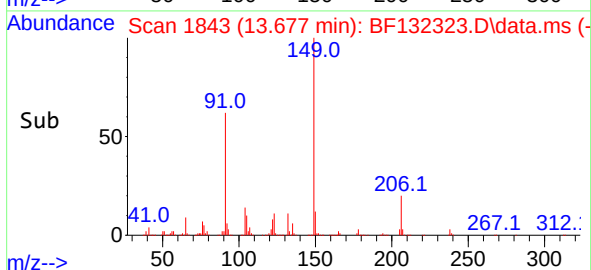
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

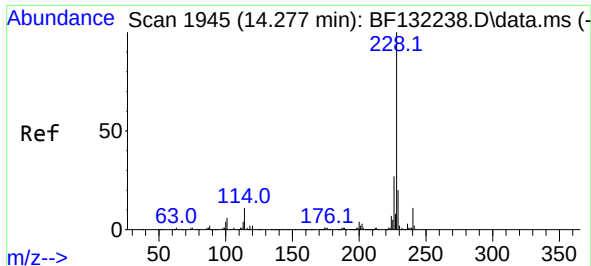


#80
Butylbenzylphthalate
Concen: 49.433 ng
RT: 13.677 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



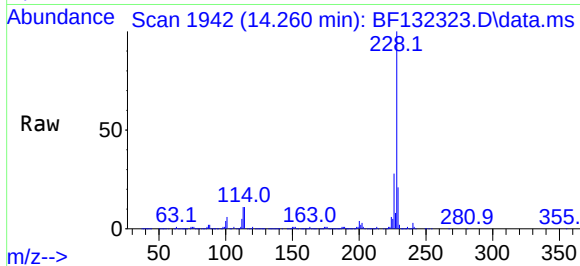
Tgt Ion:149 Resp: 643341
Ion Ratio Lower Upper
149 100
91 61.6 55.0 82.6
206 20.2 15.9 23.9





#81
Benzo(a)anthracene
Concen: 42.654 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

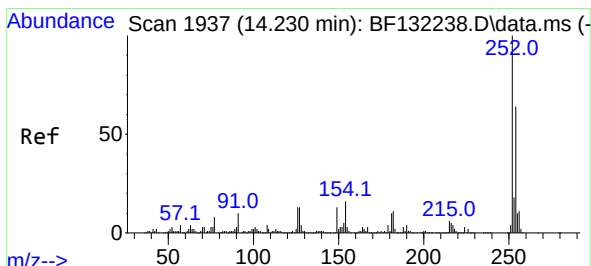
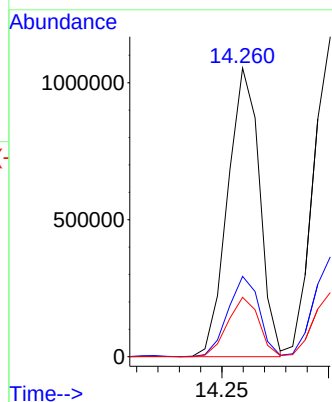
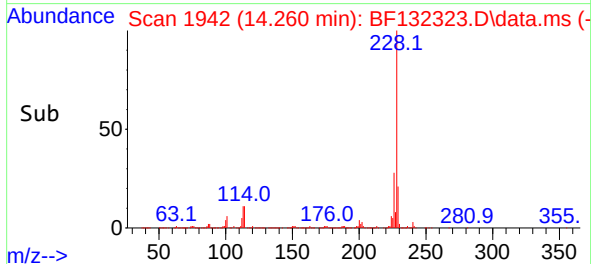
Instrument :
BNA_F
ClientSampleId :
PB150669BS



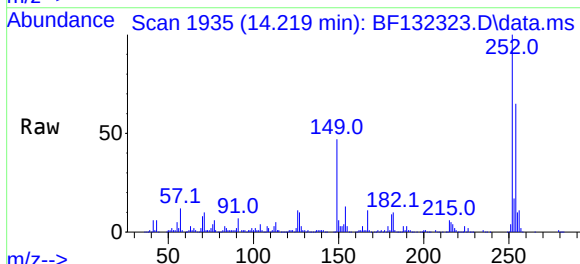
Tgt Ion:228 Resp: 109259
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.6 15.8 23.6

Manual Integrations
APPROVED

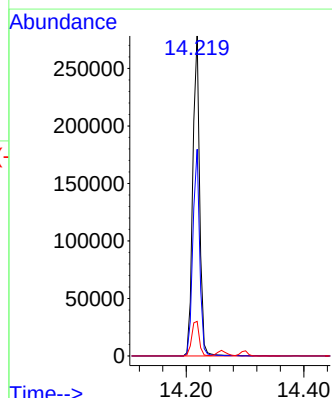
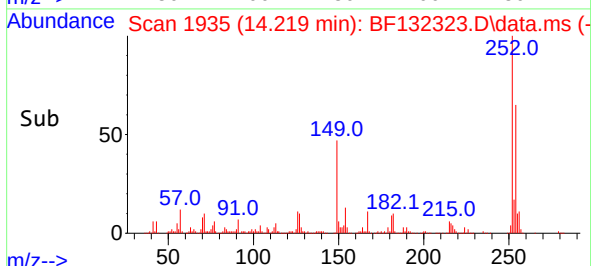
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

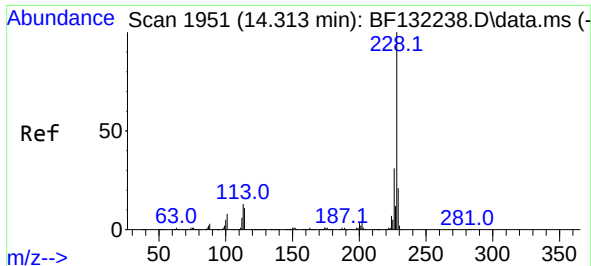


#82
3,3'-Dichlorobenzidine
Concen: 27.748 ng
RT: 14.219 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:252 Resp: 226387
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 10.8 10.5 15.7





#83
Chrysene
Concen: 42.149 ng
RT: 14.301 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

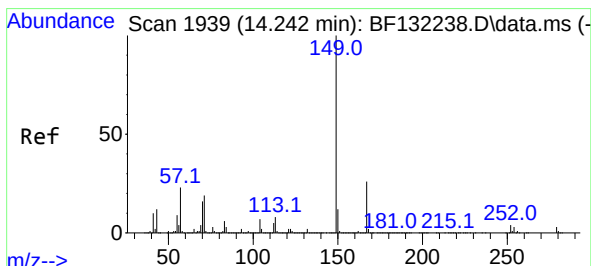
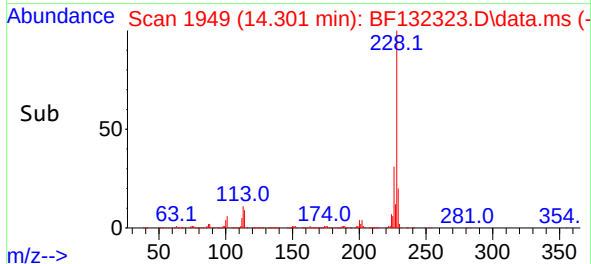
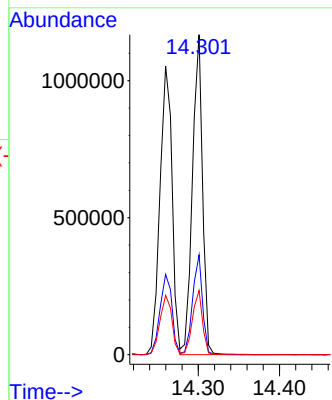
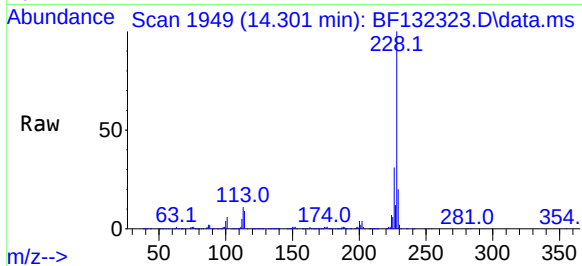
PB150669BS

Tgt Ion:228 Resp: 1010962
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.1 16.4 24.6

Manual Integrations

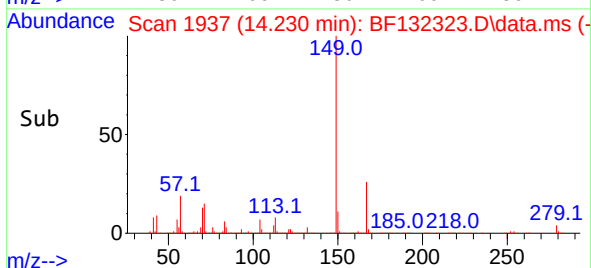
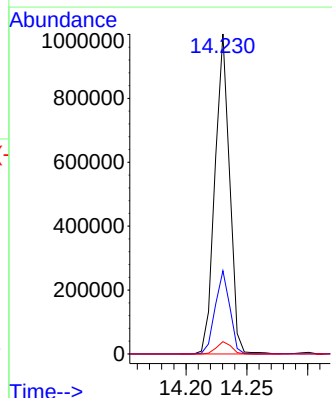
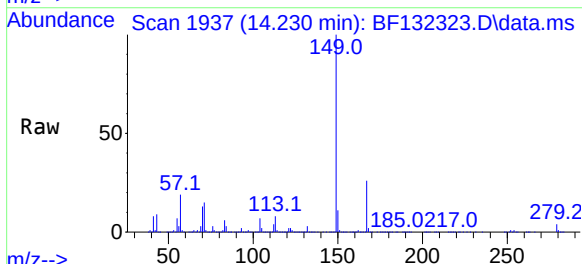
APPROVED

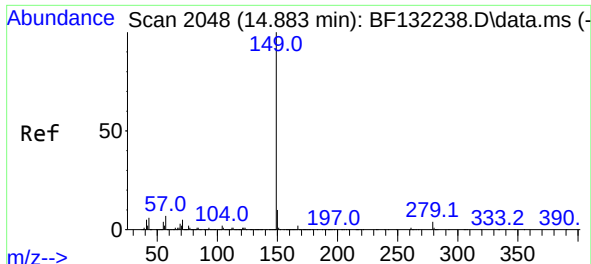
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.573 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:149 Resp: 836870
Ion Ratio Lower Upper
149 100
167 26.0 20.7 31.1
279 3.8 2.7 4.1





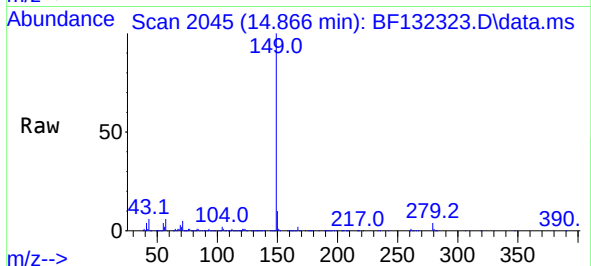
#85
Di-n-octyl phthalate
Concen: 42.973 ng
RT: 14.866 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

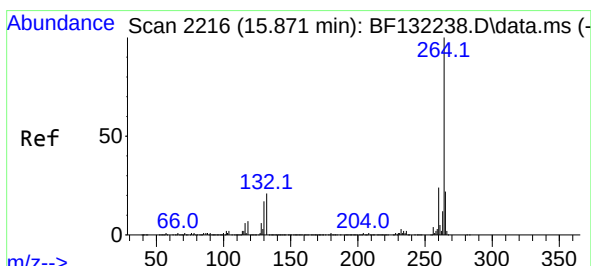
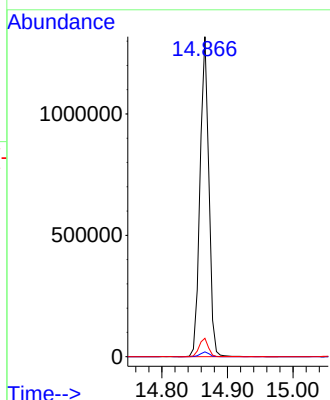
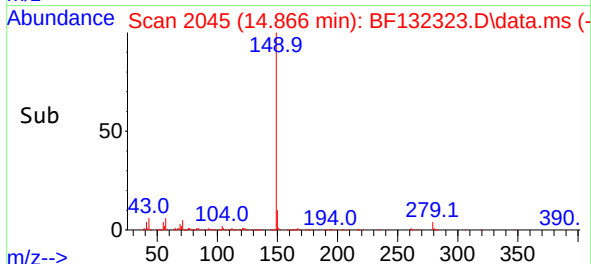


Tgt Ion:149 Resp: 1233000
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.9 5.9 8.9

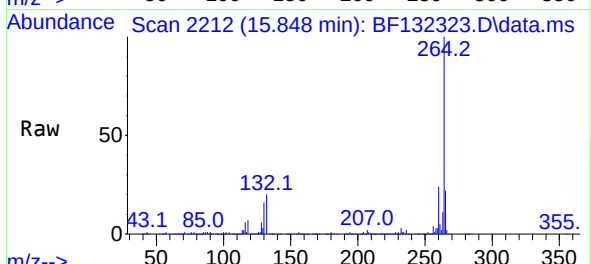
Manual Integrations

APPROVED

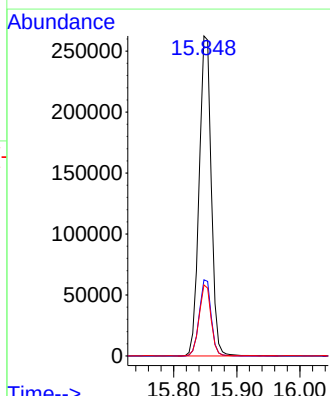
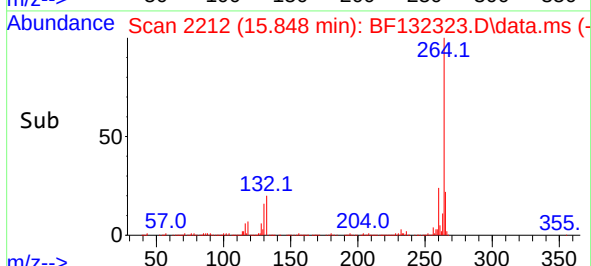
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

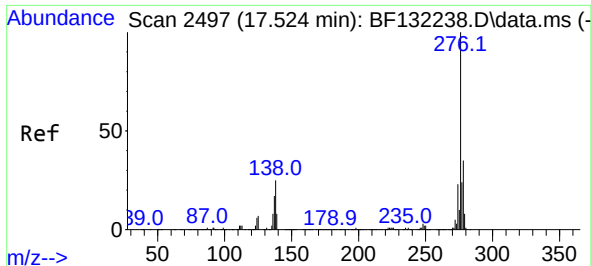


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42



Tgt Ion:264 Resp: 348529
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.099 ng
RT: 17.501 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

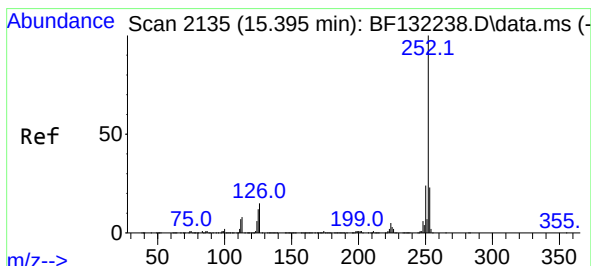
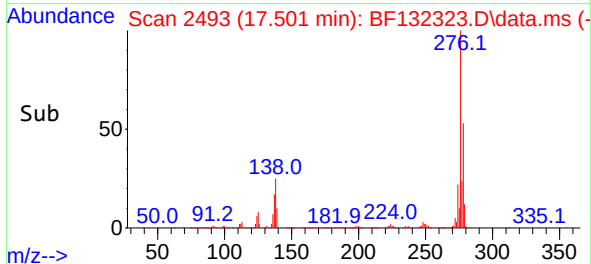
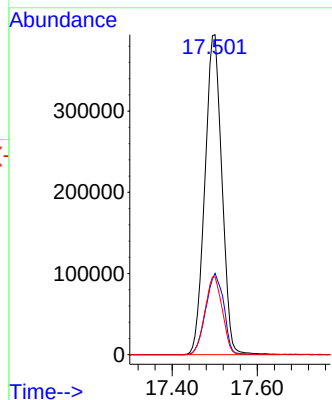
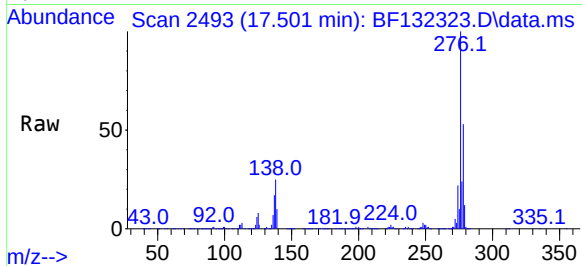
PB150669BS

Tgt Ion:276 Resp: 109073
Ion Ratio Lower Upper
276 100
138 26.9 23.3 34.9
277 25.0 20.0 30.0

Manual Integrations

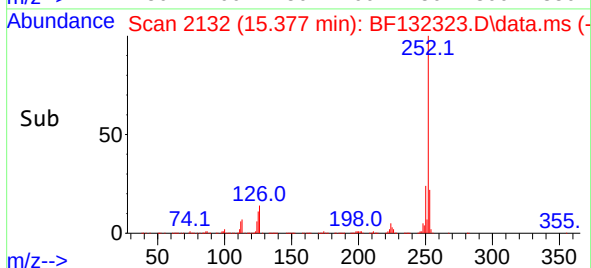
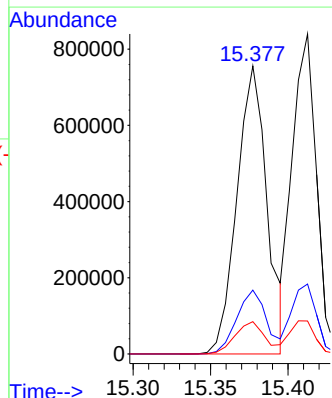
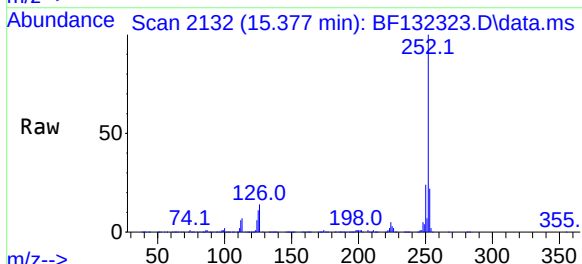
APPROVED

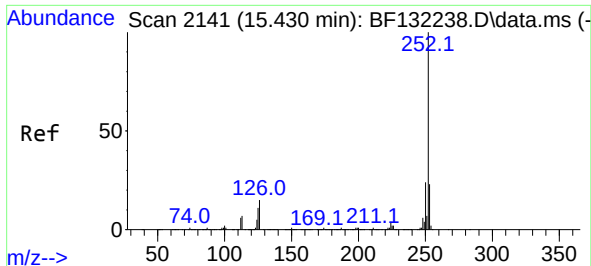
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#88
Benzo(b)fluoranthene
Concen: 46.133 ng
RT: 15.377 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:252 Resp: 1022041
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.2 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 43.320 ng

RT: 15.413 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

Instrument :

BNA_F

ClientSampleId :

PB150669BS

Tgt Ion:252 Resp: 916084

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

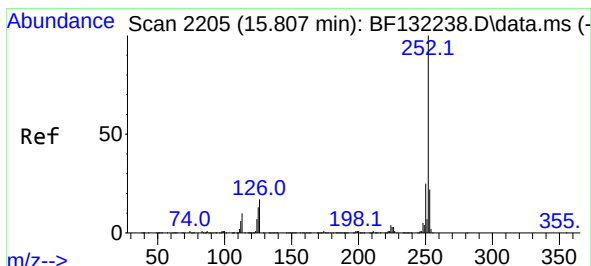
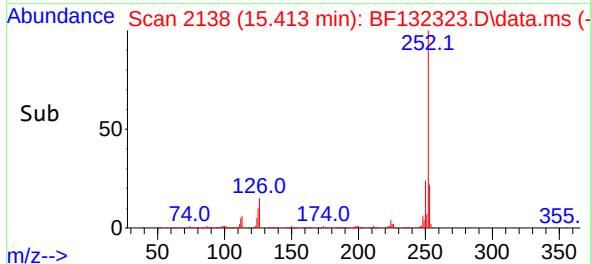
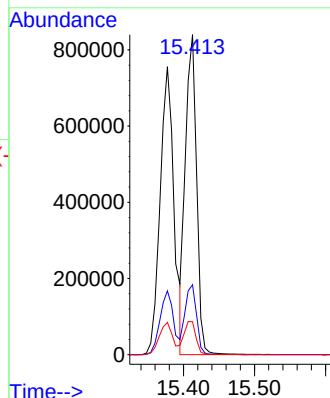
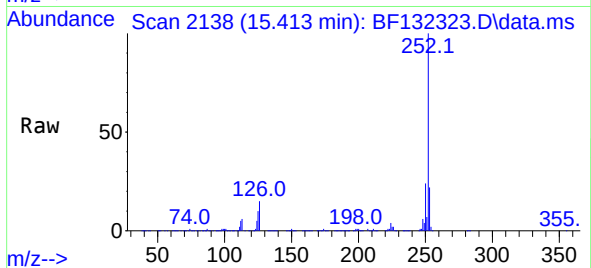
125 10.3 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#90

Benzo(a)pyrene

Concen: 41.715 ng

RT: 15.783 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF132323.D

Acq: 03 Feb 2023 15:42

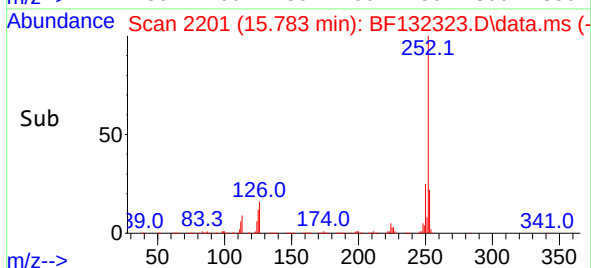
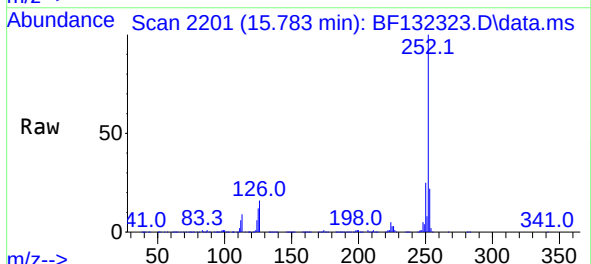
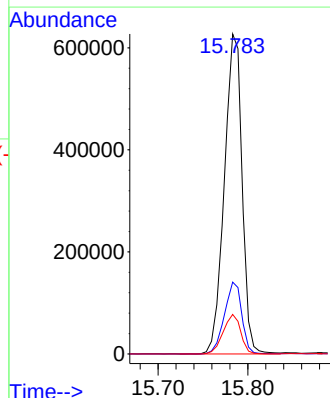
Tgt Ion:252 Resp: 860568

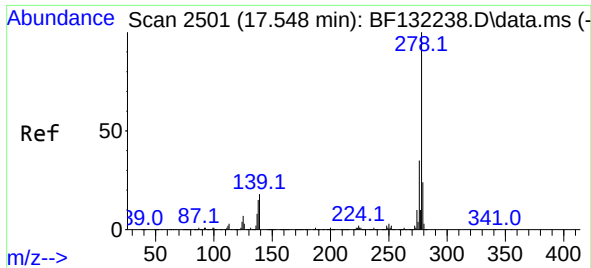
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 12.4 10.2 15.4





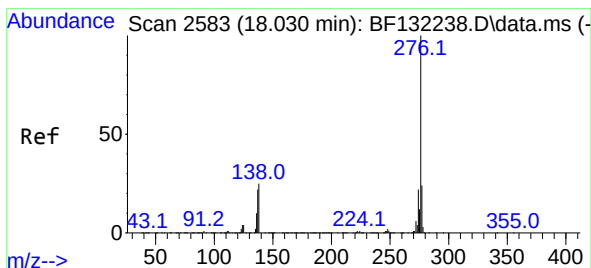
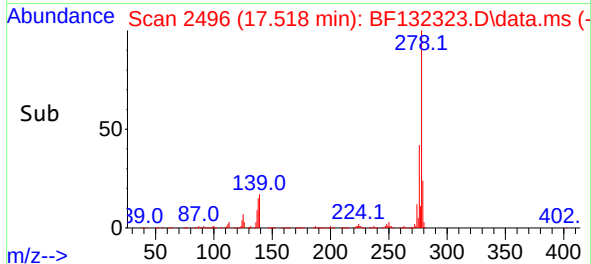
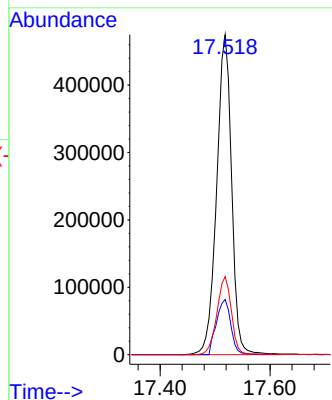
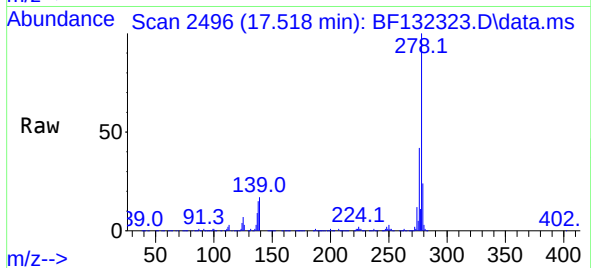
#91
Dibenzo(a,h)anthracene
Concen: 48.217 ng
RT: 17.518 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Instrument :
BNA_F
ClientSampleId :
PB150669BS

Tgt Ion:278 Resp: 89775
Ion Ratio Lower Upper
278 100
139 17.3 14.2 21.2
279 24.4 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 46.112 ng
RT: 18.001 min Scan# 2578
Delta R.T. -0.006 min
Lab File: BF132323.D
Acq: 03 Feb 2023 15:42

Tgt Ion:276 Resp: 886985
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 23.8 20.3 30.5

