

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130296.D
 Acq On : 16 Sep 2022 18:20
 Operator : CG\JU
 Sample : N4663-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/19/2022
 Supervised By : Jagrut Upadhyay 09/19/2022

Quant Time: Sep 17 03:26:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	93229	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	359319	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	170827	20.000	ng	0.00
64) Phenanthrene-d10	11.180	188	242788	20.000	ng	0.00
76) Chrysene-d12	13.810	240	146680	20.000	ng	# 0.00
86) Perylene-d12	15.198	264	186348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	249423	46.404	ng	0.00
7) Phenol-d6	6.298	99	203380	30.240	ng	0.00
23) Nitrobenzene-d5	7.239	82	572433	81.389	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	132078	80.690	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1005487	85.711	ng	0.00
79) Terphenyl-d14	12.763	244	613189	69.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.340	88	40072	16.233	ng	96
3) Pyridine	3.022	79	154102	23.931	ng	95
4) n-Nitrosodimethylamine	2.969	42	58821	16.795	ng	98
6) Aniline	6.334	93	317452	38.309	ng	98
8) 2-Chlorophenol	6.451	128	176592	28.841	ng	92
9) Benzaldehyde	6.216	77	178542	39.632	ng	96
10) Phenol	6.310	94	99469	12.620	ng	94
11) bis(2-Chloroethyl)ether	6.410	93	254281	44.729	ng	92
12) 1,3-Dichlorobenzene	6.610	146	271415	40.286	ng	96
13) 1,4-Dichlorobenzene	6.686	146	277476	40.387	ng	99
14) 1,2-Dichlorobenzene	6.839	146	266218	41.480	ng	98
15) Benzyl Alcohol	6.816	79	100022	18.758	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.951	45	337943	40.758	ng	94
17) 2-Methylphenol	6.928	107	121609	24.432	ng	98
18) Hexachloroethane	7.181	117	107814	39.811	ng	95
19) n-Nitroso-di-n-propyla...	7.086	70	196758	43.356	ng	95
20) 3+4-Methylphenols	7.081	107	132522	20.496	ng	# 56
22) Acetophenone	7.081	105	398231	45.332	ng	93
24) Nitrobenzene	7.257	77	300011	42.009	ng	95
25) Isophorone	7.492	82	521343	45.990	ng	100
26) 2-Nitrophenol	7.569	139	100506	34.331	ng	94
27) 2,4-Dimethylphenol	7.610	122	185761	41.210	ng	98
28) bis(2-Chloroethoxy)met...	7.710	93	310738	48.681	ng	99
29) 2,4-Dichlorophenol	7.810	162	157687	31.923	ng	93
30) 1,2,4-Trichlorobenzene	7.892	180	218809	40.971	ng	96
31) Naphthalene	7.975	128	774101	41.817	ng	99
33) 4-Chloroaniline	8.028	127	287682	40.861	ng	97
34) Hexachlorobutadiene	8.092	225	138254	40.507	ng	97
35) Caprolactam	8.375	113	8217m	5.803	ng	
36) 4-Chloro-3-methylphenol	8.504	107	172337	31.476	ng	99
37) 2-Methylnaphthalene	8.663	142	499322	42.305	ng	98
38) 1-Methylnaphthalene	8.763	142	473374	41.750	ng	100
40) 1,2,4,5-Tetrachloroben...	8.828	216	219328	47.046	ng	98
41) Hexachlorocyclopentadiene	8.816	237	229486	91.943	ng	99
43) 2,4,6-Trichlorophenol	8.939	196	73968	22.734	ng	98
44) 2,4,5-Trichlorophenol	8.975	196	100945	28.751	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.128	154	603561	47.308	ng	99
47) 2-Chloronaphthalene	9.151	162	461966	44.762	ng	98
48) 2-Nitroaniline	9.251	65	141518	41.113	ng	92
49) Acenaphthylene	9.563	152	687943	44.458	ng	99
50) Dimethylphthalate	9.433	163	519035	43.986	ng	100
51) 2,6-Dinitrotoluene	9.492	165	111864	45.329	ng	96
52) Acenaphthene	9.739	154	539708	53.085	ng	99
53) 3-Nitroaniline	9.663	138	104732	38.086	ng	88
55) Dibenzofuran	9.904	168	618475	43.735	ng	98
56) 4-Nitrophenol	9.822	139	9115m	4.551	ng	
57) 2,4-Dinitrotoluene	9.892	165	139581	44.256	ng	88
58) Fluorene	10.245	166	519281	44.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	32781	11.929	ng	# 74
60) Diethylphthalate	10.127	149	490390	41.442	ng	100
61) 4-Chlorophenyl-phenyle...	10.245	204	222153	43.788	ng	97
62) 4-Nitroaniline	10.269	138	97862	35.426	ng	96
63) Azobenzene	10.404	77	469319	38.517	ng	95
66) n-Nitrosodiphenylamine	10.363	169	403962	49.791	ng	98
67) 4-Bromophenyl-phenylether	10.733	248	132636	49.522	ng	95
68) Hexachlorobenzene	10.786	284	150020	49.412	ng	# 91
69) Atrazine	10.892	200	110841	46.749	ng	96
70) Pentachlorophenol	10.986	266	32290	19.817	ng	99
71) Phenanthrene	11.204	178	598006	43.871	ng	100
72) Anthracene	11.257	178	607162	46.157	ng	99
73) Carbazole	11.416	167	508474	42.831	ng	99
74) Di-n-butylphthalate	11.751	149	610858	42.670	ng	99
75) Fluoranthene	12.386	202	509965	38.717	ng	97
77) Benzidine	12.516	184	385024	90.424	ng	100
78) Pyrene	12.610	202	495540	38.619	ng	100
80) Butylbenzylphthalate	13.239	149	202066	42.508	ng	99
81) Benzo(a)anthracene	13.798	228	435365	44.617	ng	99
82) 3,3'-Dichlorobenzidine	13.768	252	136786	51.497	ng	# 97
83) Chrysene	13.833	228	413721	44.654	ng	99
84) Bis(2-ethylhexyl)phtha...	13.804	149	261884	48.097	ng	99
85) Di-n-octyl phthalate	14.410	149	472543	56.741	ng	97
87) Indeno(1,2,3-cd)pyrene	16.527	276	652996	49.414	ng	98
88) Benzo(b)fluoranthene	14.810	252	550283	45.243	ng	98
89) Benzo(k)fluoranthene	14.839	252	513464	42.915	ng	98
90) Benzo(a)pyrene	15.139	252	475466	49.343	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	565643	52.178	ng	99
92) Benzo(g,h,i)perylene	16.927	276	559314	51.217	ng	98

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

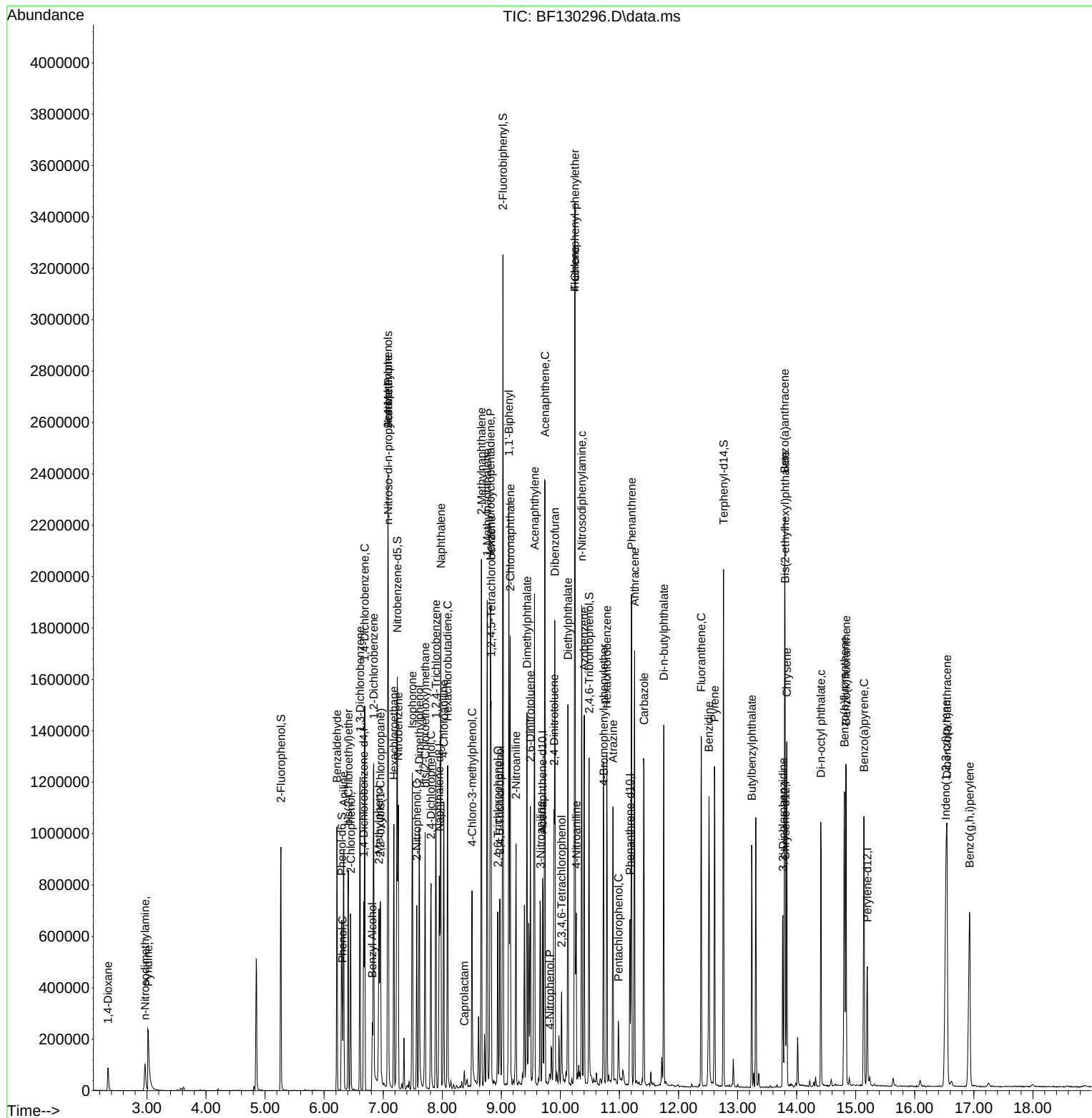
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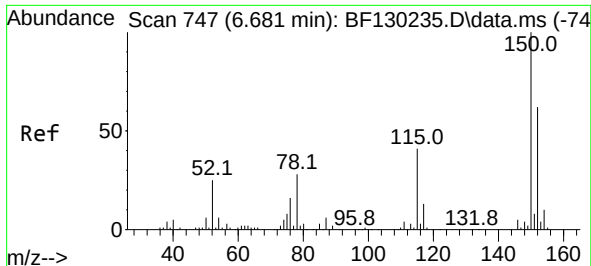
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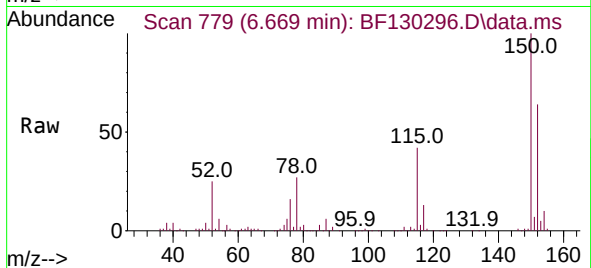
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

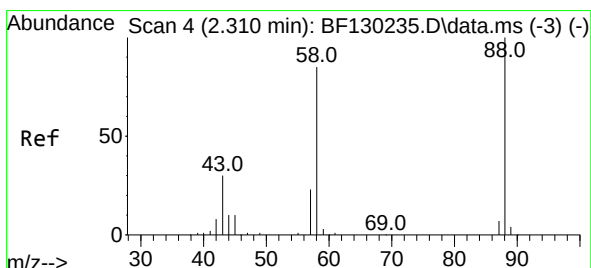
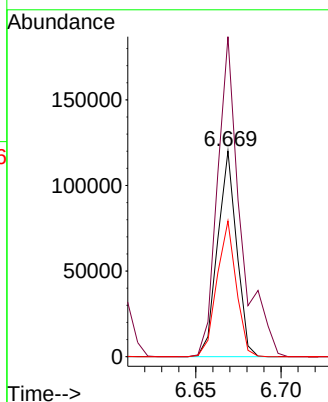
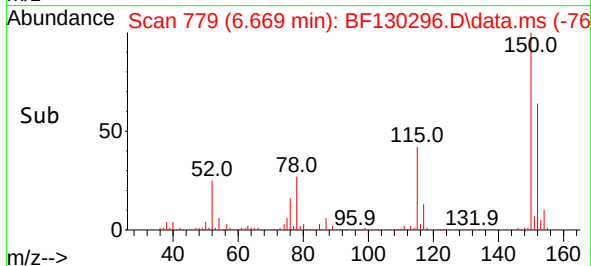
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS



Tgt Ion: 152 Resp: 93229
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.8 184.2
 115 65.9 53.8 80.8

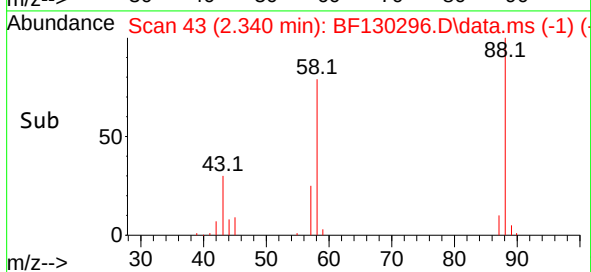
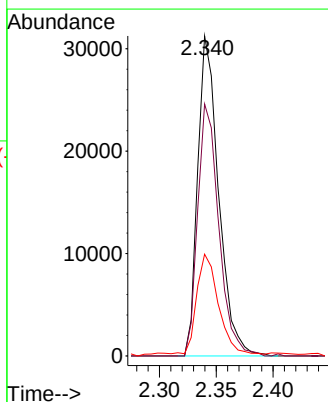
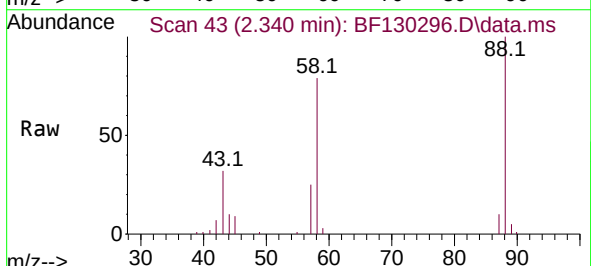
Manual Integrations
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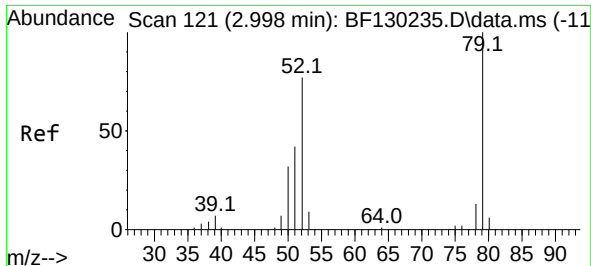
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#2
 1,4-Dioxane
 Concen: 16.233 ng
 RT: 2.340 min Scan# 43
 Delta R.T. 0.035 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

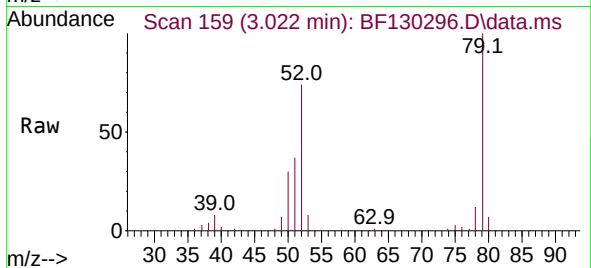
Tgt Ion: 88 Resp: 40072
 Ion Ratio Lower Upper
 88 100
 58 79.4 61.3 91.9
 43 32.9 23.0 34.6





#3
Pyridine
Concen: 23.931 ng
RT: 3.022 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

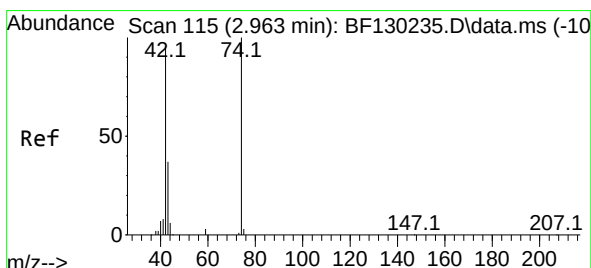
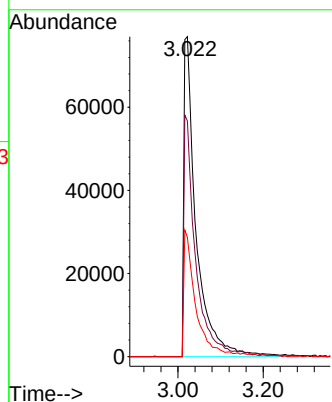
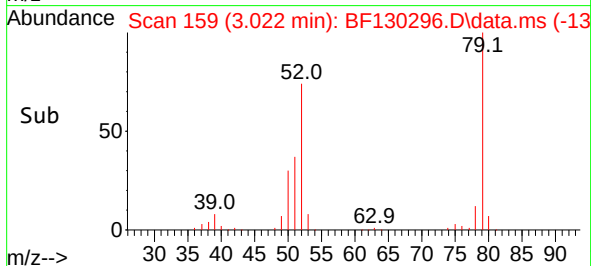
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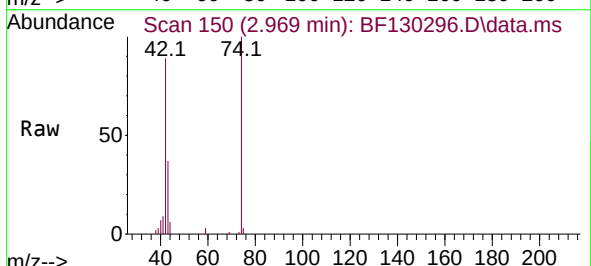
Tgt Ion: 79 Resp: 154102
Ion Ratio Lower Upper
79 100
52 73.6 62.4 93.6
51 37.3 32.2 48.4

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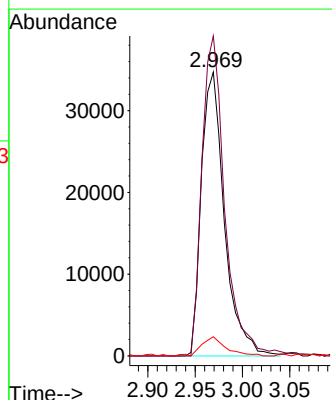
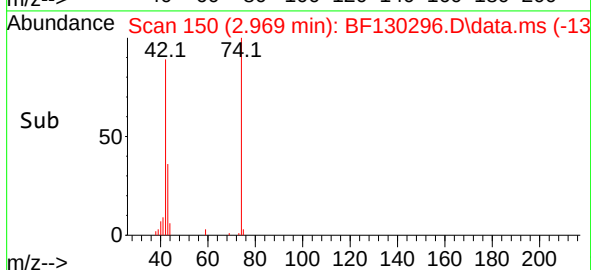
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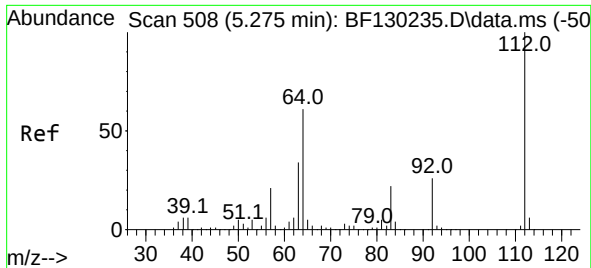


#4
n-Nitrosodimethylamine
Concen: 16.795 ng
RT: 2.969 min Scan# 150
Delta R.T. 0.018 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



Tgt Ion: 42 Resp: 58821
Ion Ratio Lower Upper
42 100
74 112.7 88.4 132.6
44 6.7 5.0 7.4





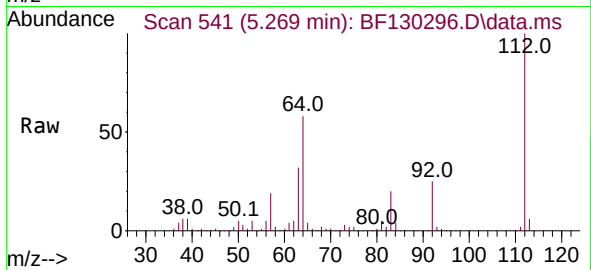
#5
2-Fluorophenol
Concen: 46.404 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

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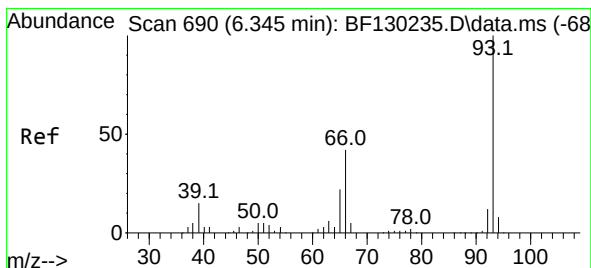
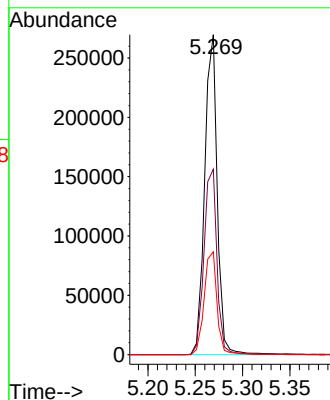
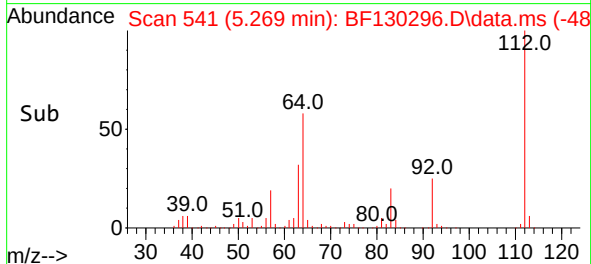


Tgt Ion:112 Resp: 249423
Ion Ratio Lower Upper
112 100
64 57.9 51.4 77.0
63 32.2 28.8 43.2

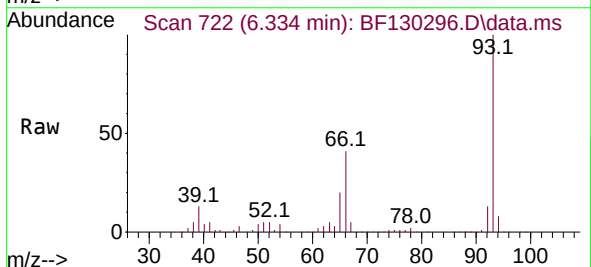
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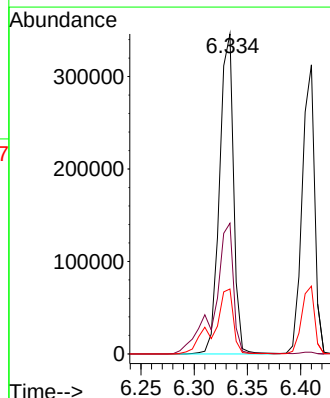
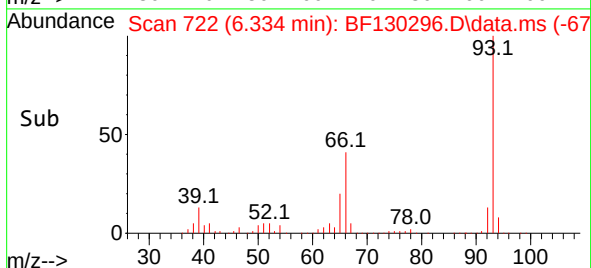
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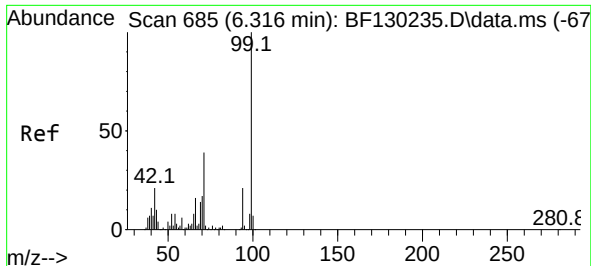


#6
Aniline
Concen: 38.309 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



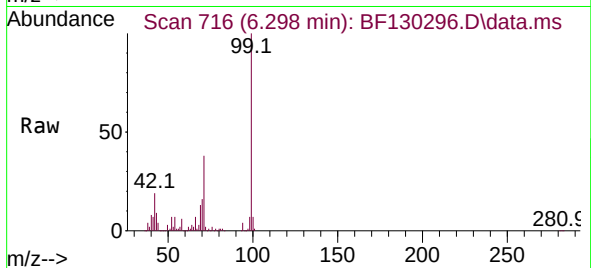
Tgt Ion: 93 Resp: 317452
Ion Ratio Lower Upper
93 100
66 40.8 34.2 51.4
65 20.3 16.6 24.8





#7
Phenol-d6
Concen: 30.240 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

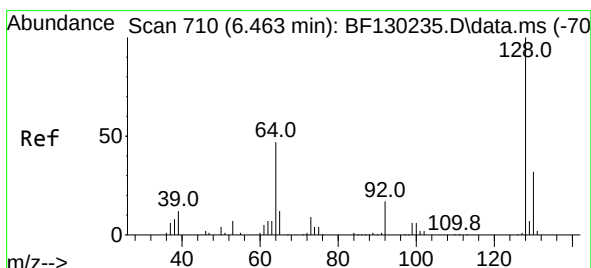
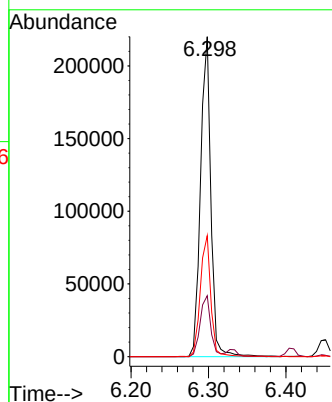
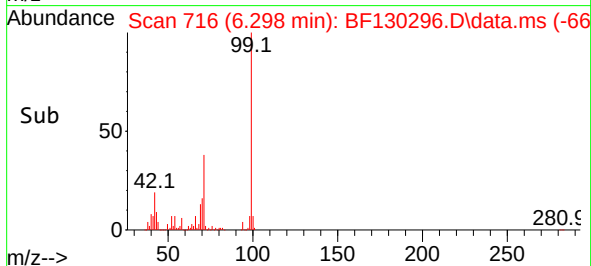
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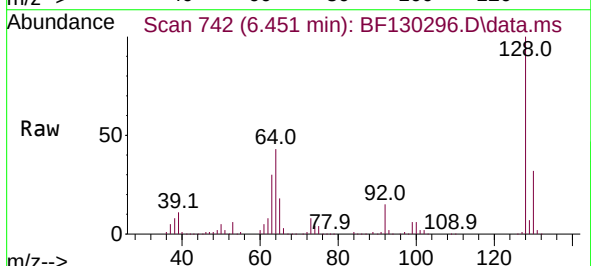
Tgt Ion: 99 Resp: 203380
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 37.8 32.3 48.5

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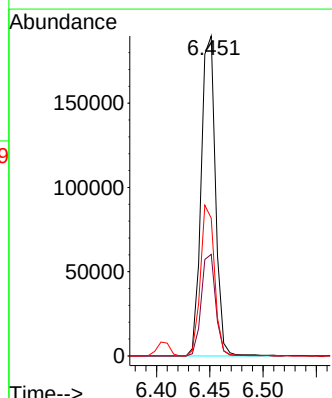
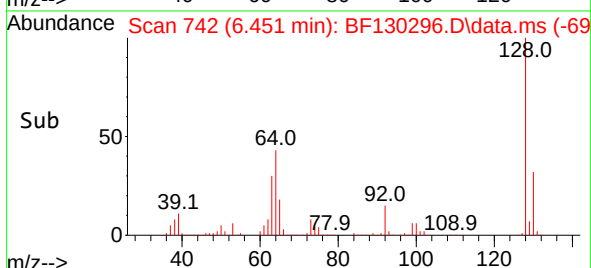
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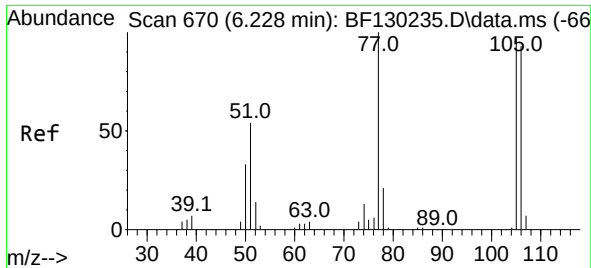


#8
2-Chlorophenol
Concen: 28.841 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF130296.D
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Tgt Ion:128 Resp: 176592
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 43.0 31.6 71.6





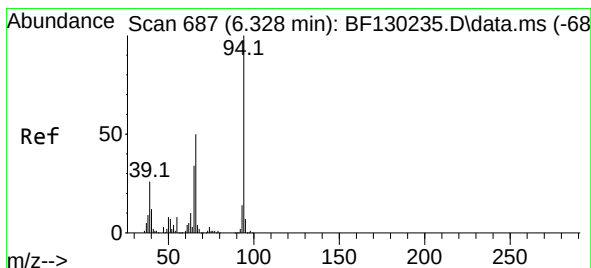
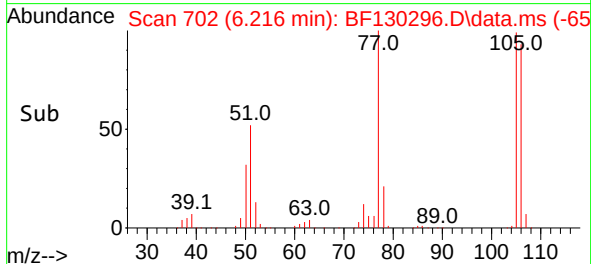
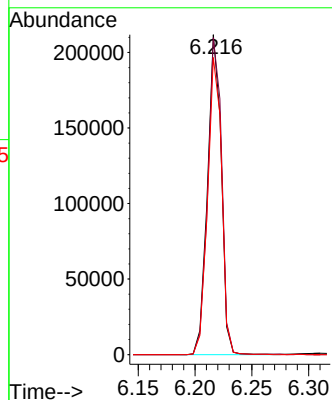
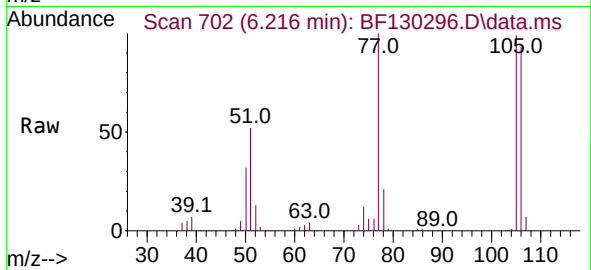
#9
Benzaldehyde
Concen: 39.632 ng
RT: 6.216 min Scan# 702
Delta R.T. 0.000 min
Lab File: BF130296.D
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Tgt Ion: 77 Resp: 178542
Ion Ratio Lower Upper
77 100
105 99.0 75.1 115.1
106 92.8 69.7 109.7

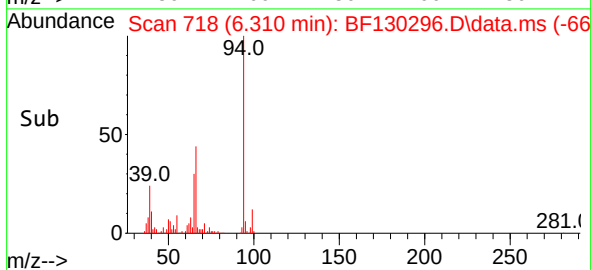
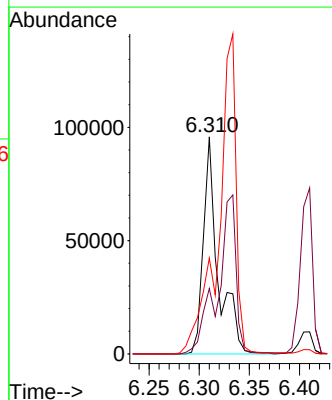
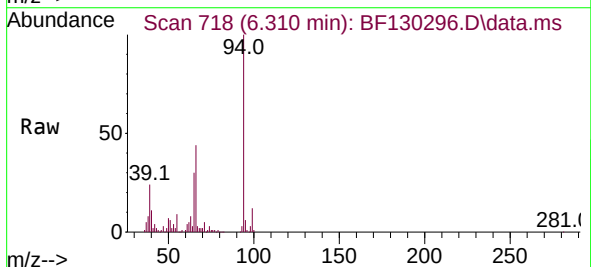
Manual Integrations
APPROVED

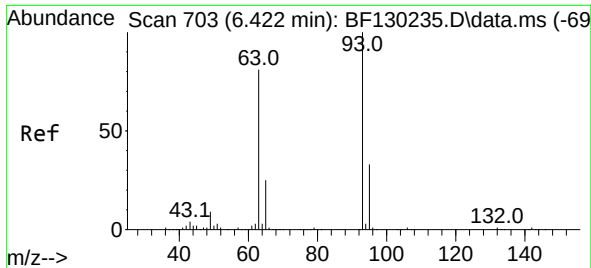
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#10
Phenol
Concen: 12.620 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 94 Resp: 99469
Ion Ratio Lower Upper
94 100
65 30.1 14.1 54.1
66 44.2 28.1 68.1





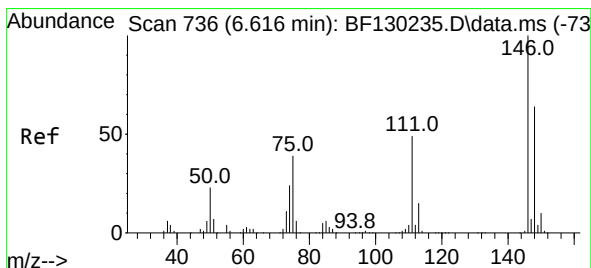
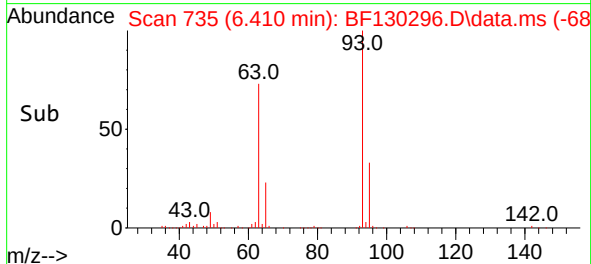
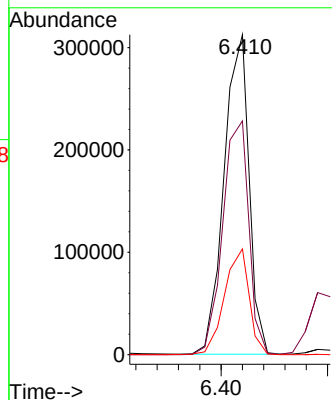
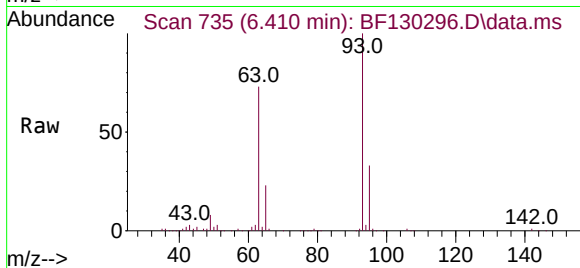
#11
bis(2-Chloroethyl)ether
Concen: 44.729 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion: 93 Resp: 25428
Ion Ratio Lower Upper
93 100
63 73.0 62.5 102.5
95 33.0 12.5 52.5

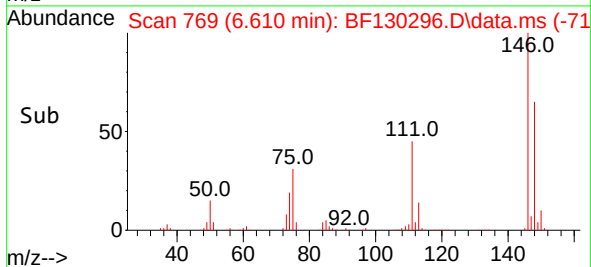
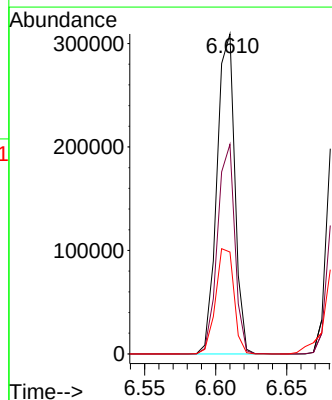
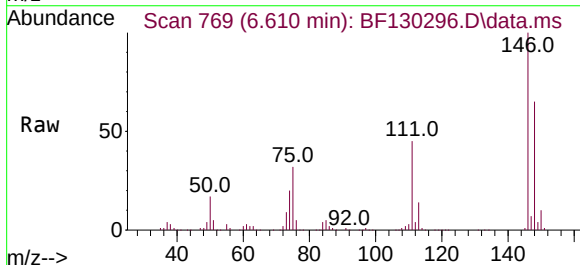
Manual Integrations
APPROVED

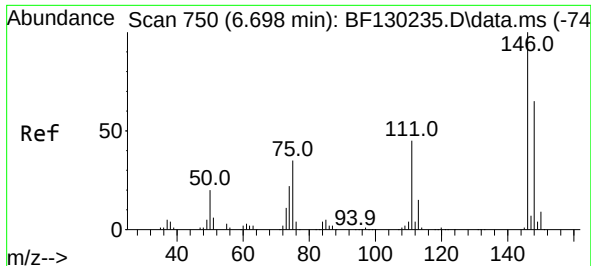
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#12
1,3-Dichlorobenzene
Concen: 40.286 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:146 Resp: 271415
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
75 31.8 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 40.387 ng

RT: 6.686 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion:146 Resp: 277476

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

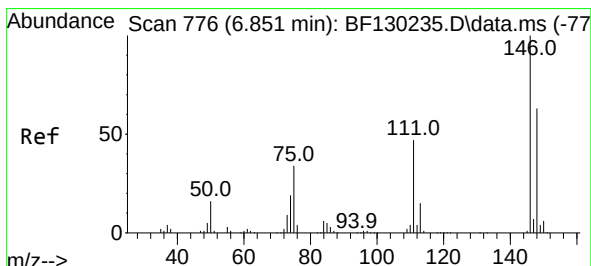
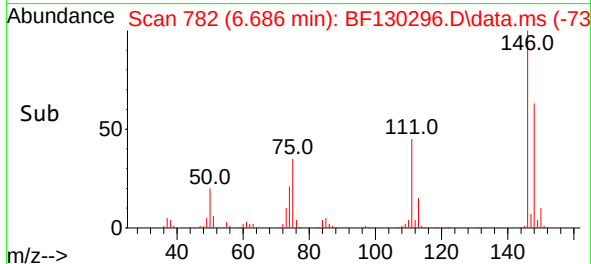
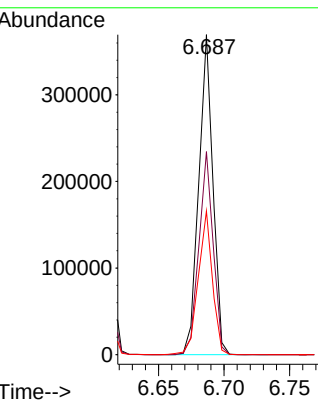
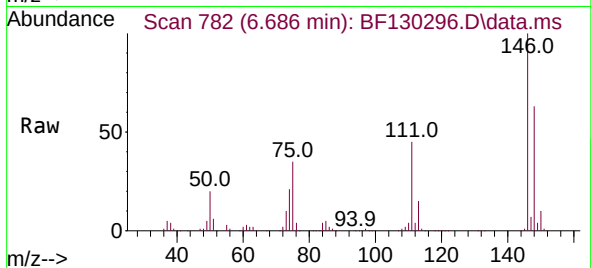
111 44.9 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#14

1,2-Dichlorobenzene

Concen: 41.480 ng

RT: 6.839 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

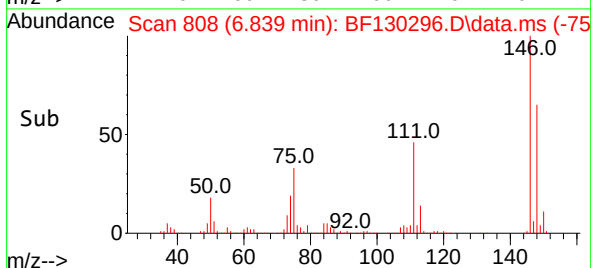
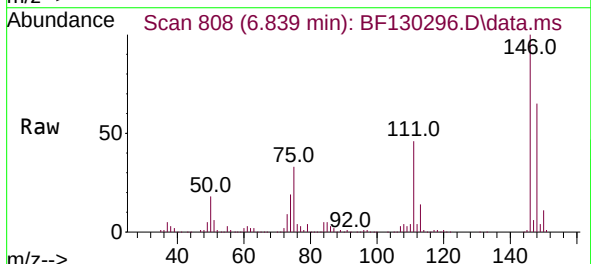
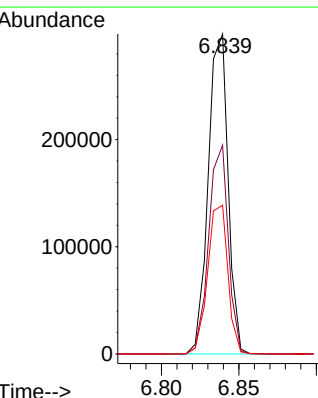
Tgt Ion:146 Resp: 266218

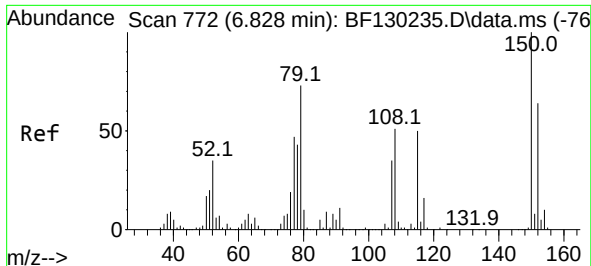
Ion Ratio Lower Upper

146 100

148 65.2 51.6 77.4

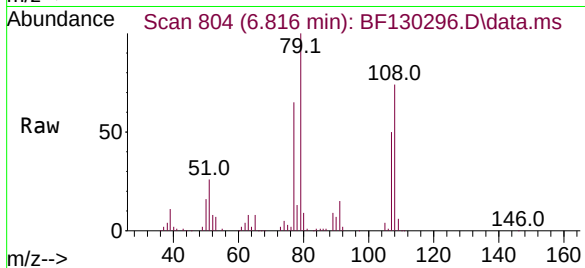
111 46.5 39.2 58.8





#15
Benzyl Alcohol
Concen: 18.758 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

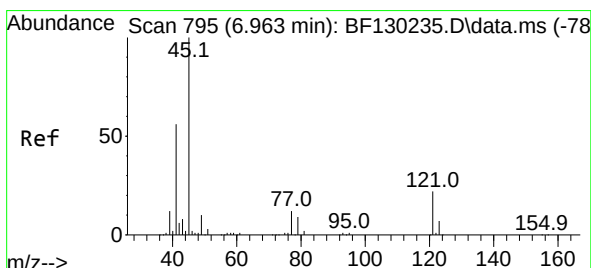
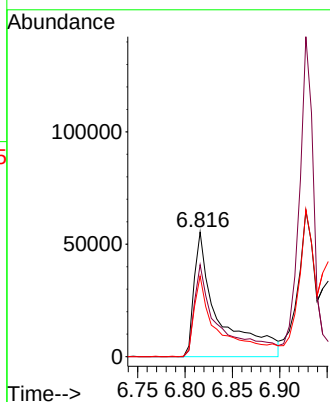
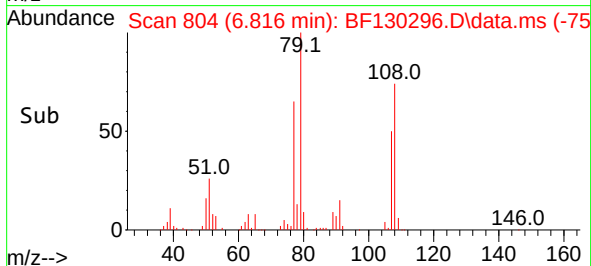
Instrument :
BNA_F
ClientSampleId :
HW-43MS



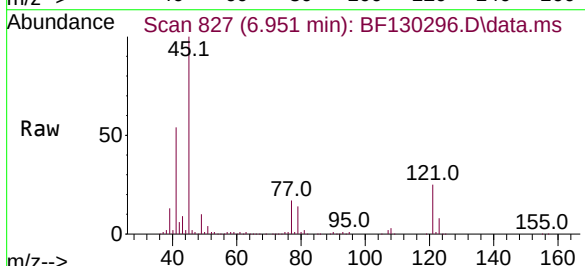
Tgt Ion: 79 Resp: 100022
Ion Ratio Lower Upper
79 100
108 73.8 54.0 81.0
77 64.6 51.3 76.9

Manual Integrations
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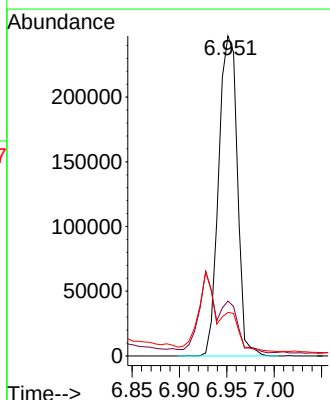
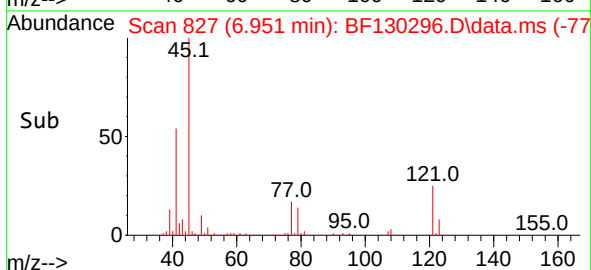
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

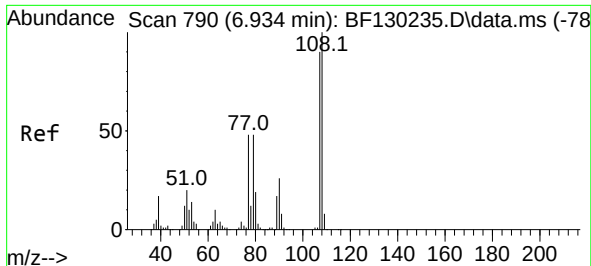


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.758 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



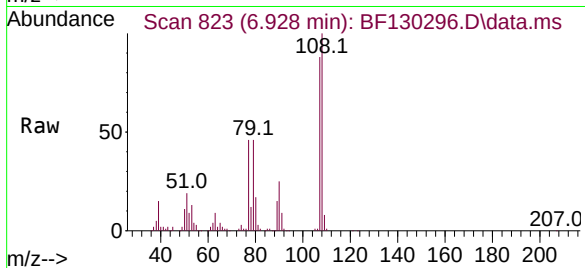
Tgt Ion: 45 Resp: 337943
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.9
79 13.6 0.0 31.0





#17
2-Methylphenol
Concen: 24.432 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

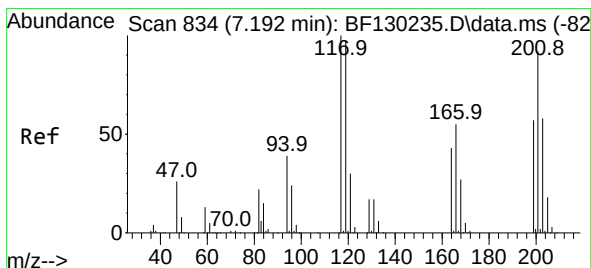
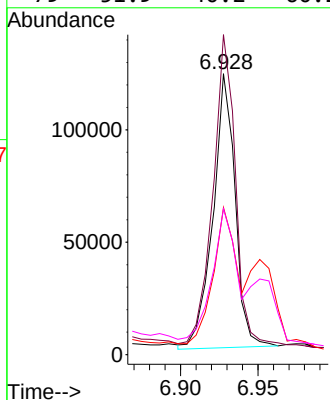
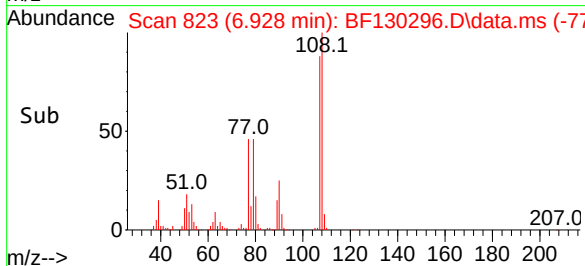
Instrument :
BNA_F
ClientSampleId :
HW-43MS



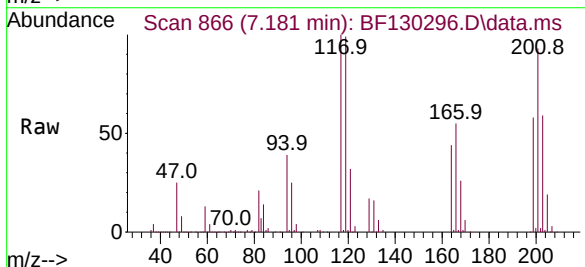
Tgt Ion:	107	Resp:	121609
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.4	134.0
77	52.4	40.6	60.8
79	51.9	40.2	60.2

Manual Integrations
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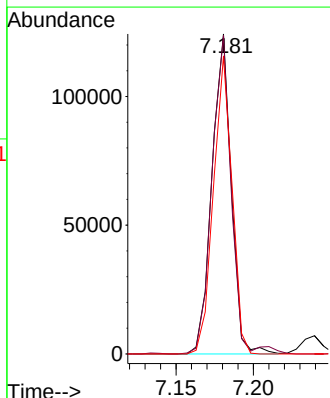
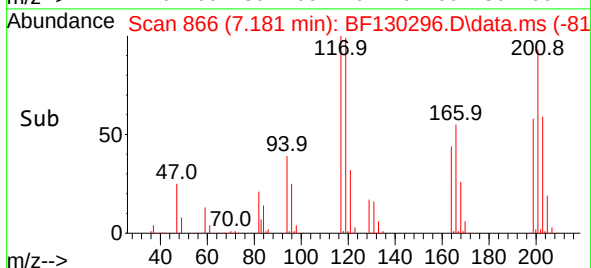
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

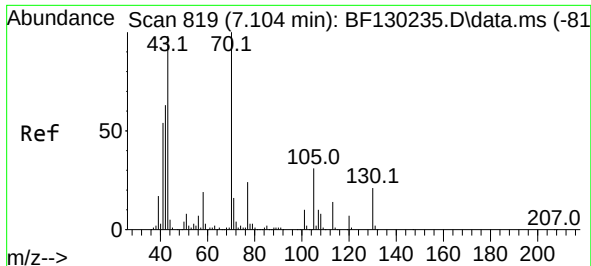


#18
Hexachloroethane
Concen: 39.811 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



Tgt Ion:	117	Resp:	107814
Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.8	116.6
201	93.1	68.7	103.1





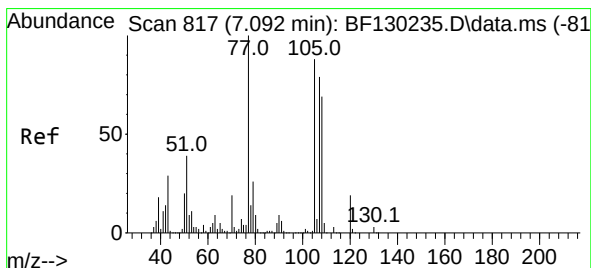
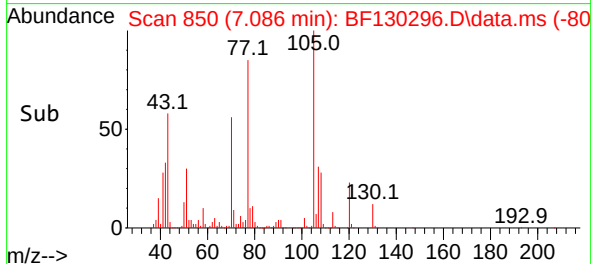
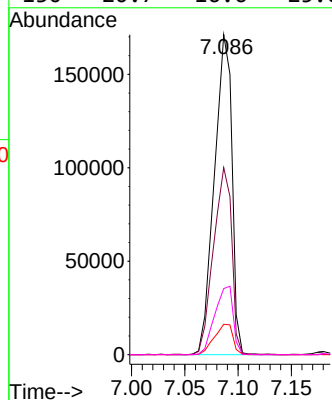
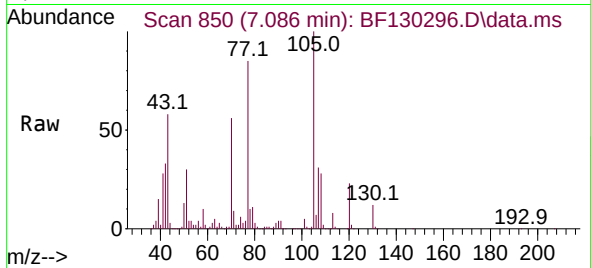
#19
n-Nitroso-di-n-propylamine
Concen: 43.356 ng
RT: 7.086 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion: 70 Resp: 196758
Ion Ratio Lower Upper
70 100
42 58.4 50.8 76.2
101 9.5 8.2 12.4
130 20.7 16.6 25.0

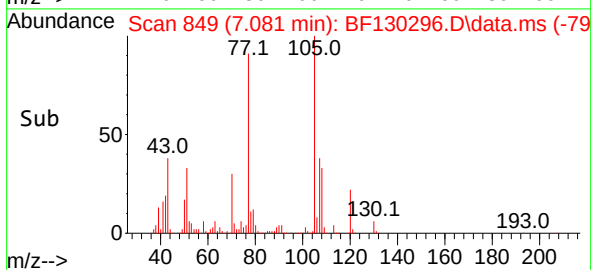
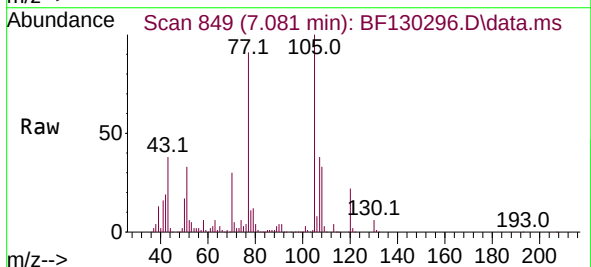
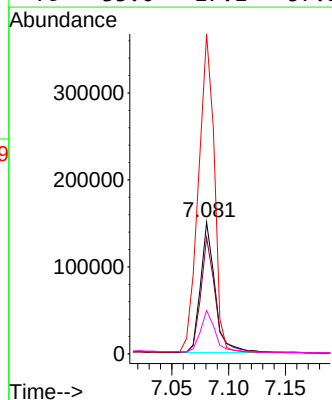
Manual Integrations
APPROVED

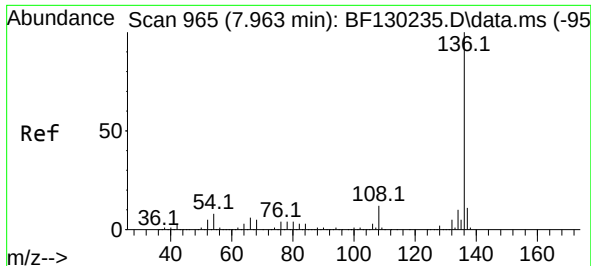
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#20
3+4-Methylphenols
Concen: 20.496 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

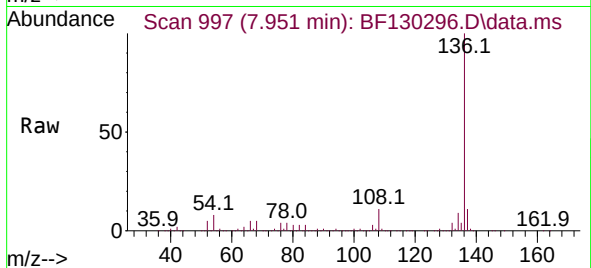
Tgt Ion:107 Resp: 132522
Ion Ratio Lower Upper
107 100
108 88.3 74.8 114.8
77 243.2 125.8 165.8#
79 33.0 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

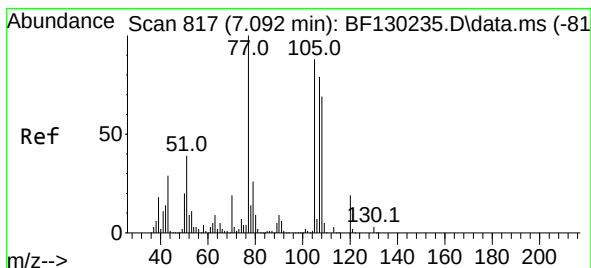
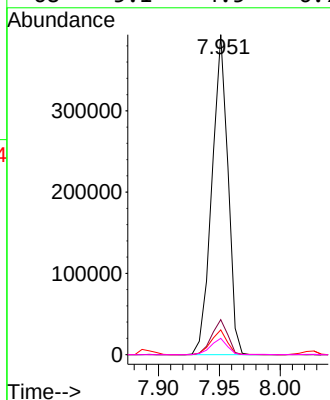
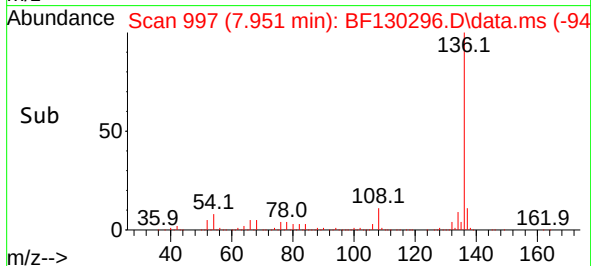
Instrument :
BNA_F
ClientSampleId :
HW-43MS



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.7	7.1	10.7
68	5.1	4.5	6.7

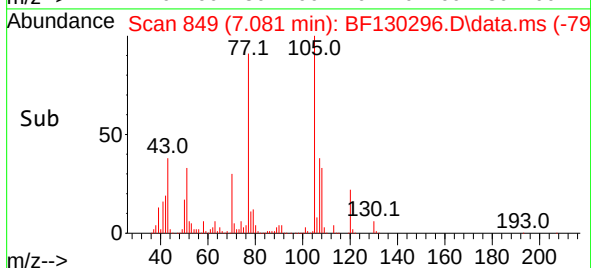
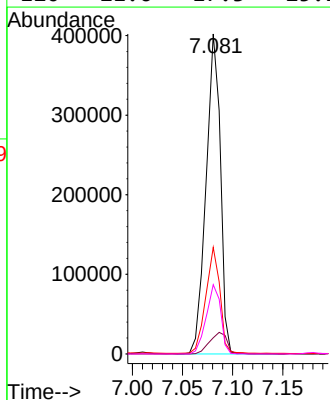
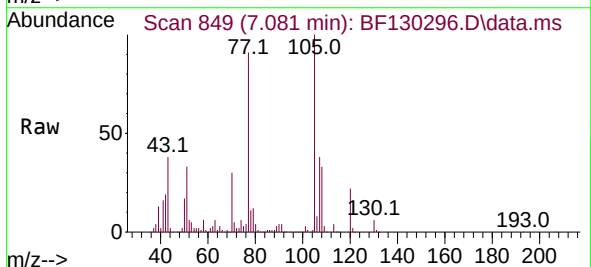
Manual Integrations
APPROVED

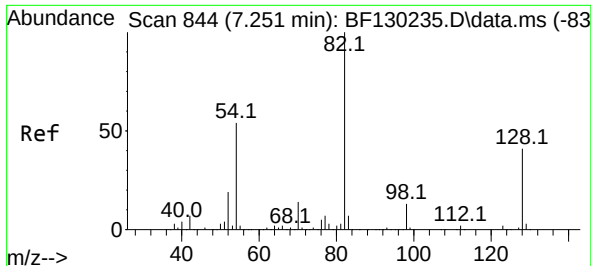
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#22
Acetophenone
Concen: 45.332 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.9	5.9
51	33.3	32.2	48.2
120	21.6	17.3	25.9





#23

Nitrobenzene-d5

Concen: 81.389 ng

RT: 7.239 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion: 82 Resp: 572433

Ion Ratio Lower Upper

82 100

128 43.4 32.6 49.0

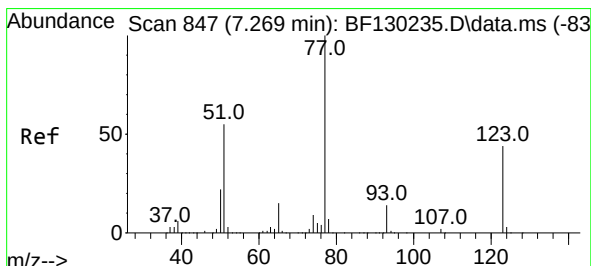
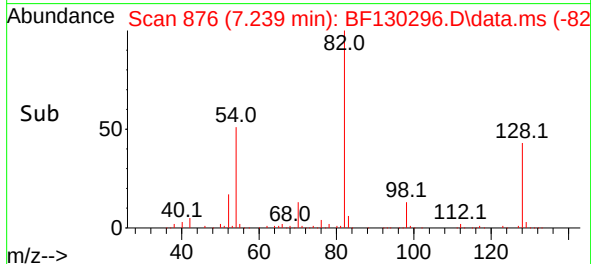
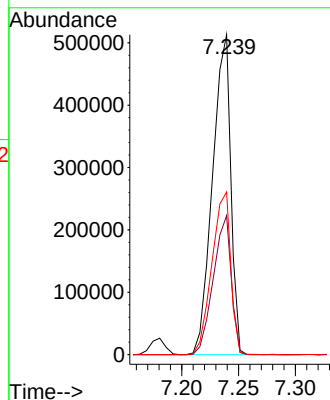
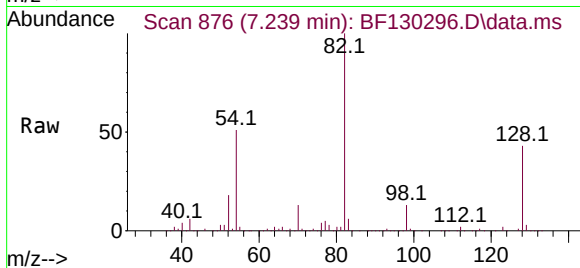
54 50.8 43.8 65.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#24

Nitrobenzene

Concen: 42.009 ng

RT: 7.257 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

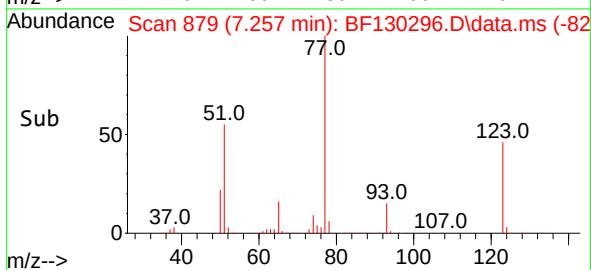
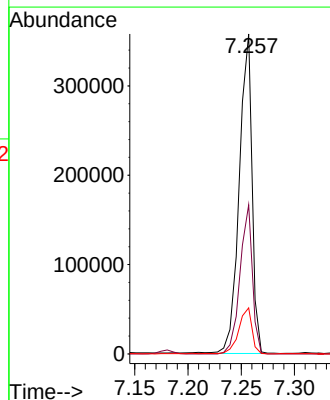
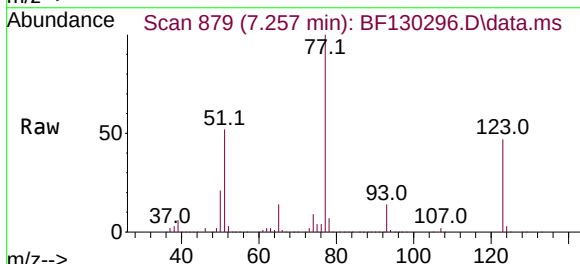
Tgt Ion: 77 Resp: 300011

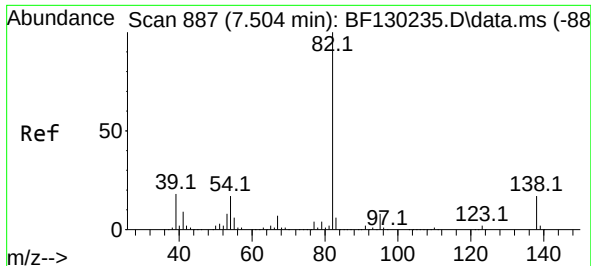
Ion Ratio Lower Upper

77 100

123 46.6 34.3 51.5

65 14.4 12.0 18.0





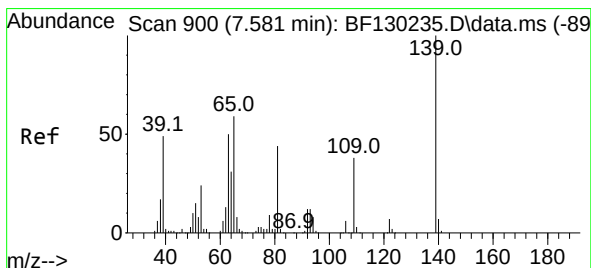
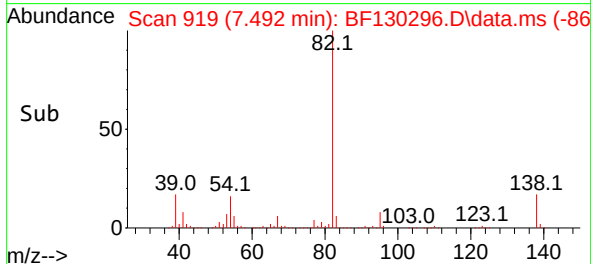
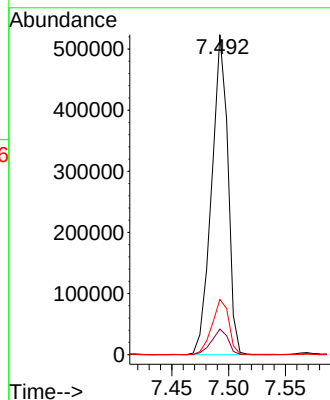
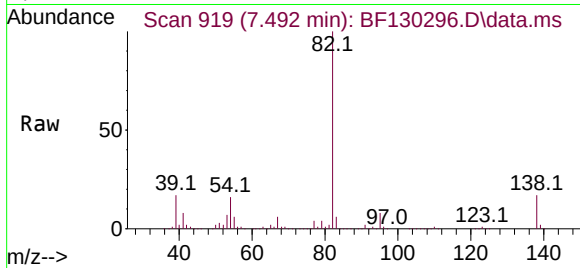
#25
Isophorone
Concen: 45.990 ng
RT: 7.492 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion: 82 Resp: 521343
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6

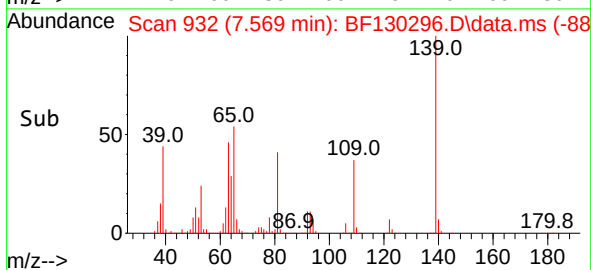
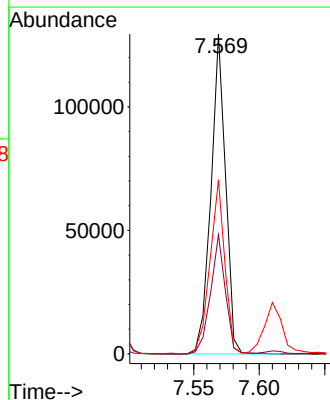
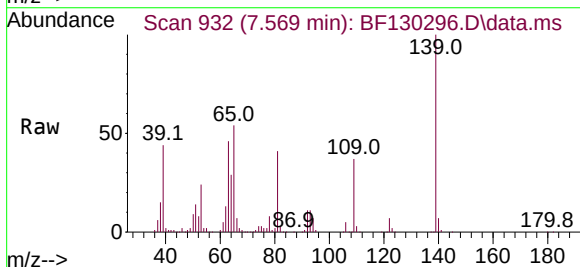
Manual Integrations
APPROVED

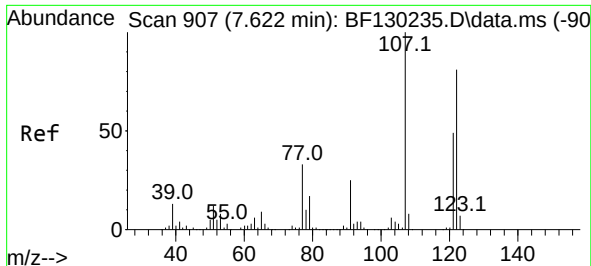
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#26
2-Nitrophenol
Concen: 34.331 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:139 Resp: 100506
Ion Ratio Lower Upper
139 100
109 37.3 30.2 45.4
65 54.4 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 41.210 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

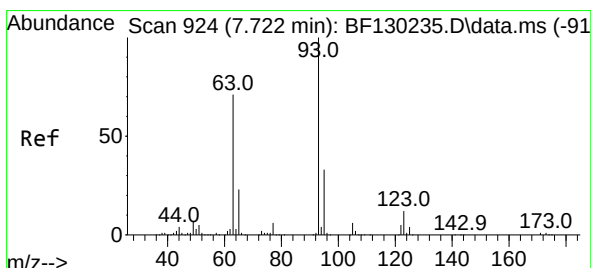
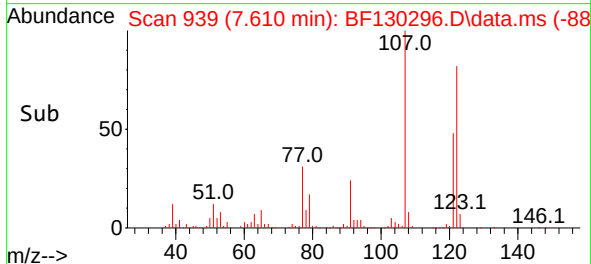
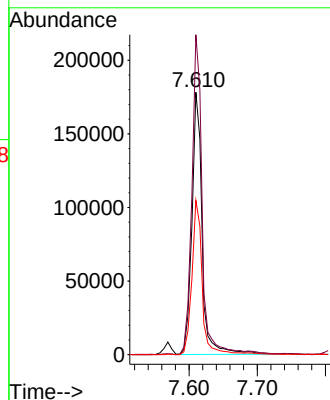
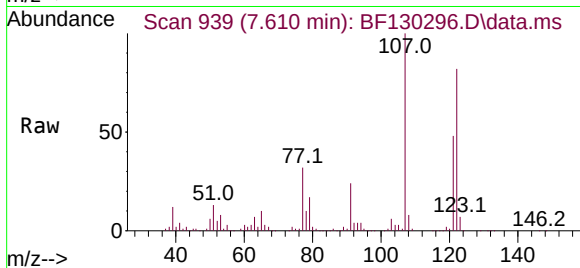
HW-43MS

Tgt Ion:122 Resp: 18576
 Ion Ratio Lower Upper
 122 100
 107 122.0 100.2 150.2
 121 58.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.681 ng

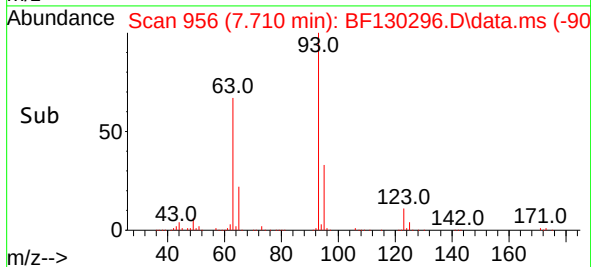
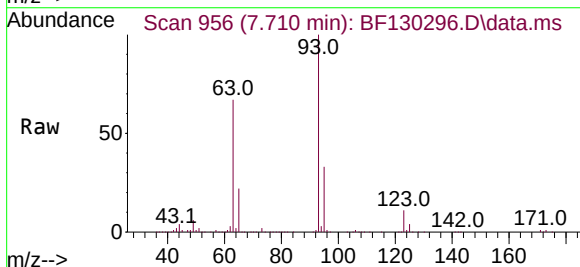
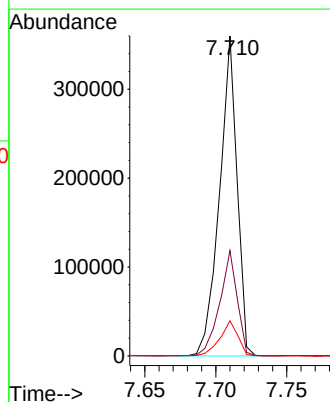
RT: 7.710 min Scan# 956

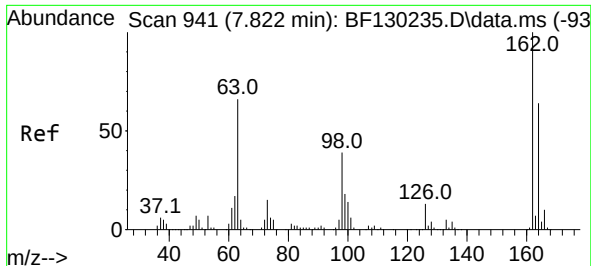
Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Tgt Ion: 93 Resp: 310738
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 31.923 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion:162 Resp: 15768

Ion Ratio Lower Upper

162 100

164 67.6 42.2 82.2

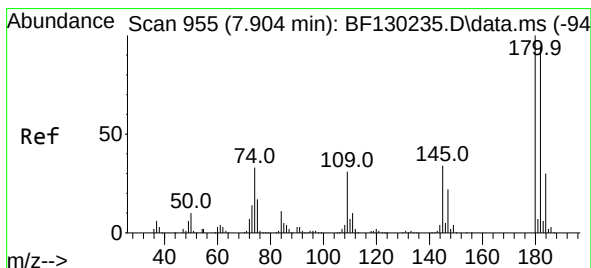
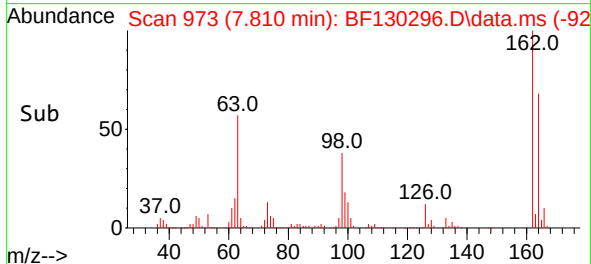
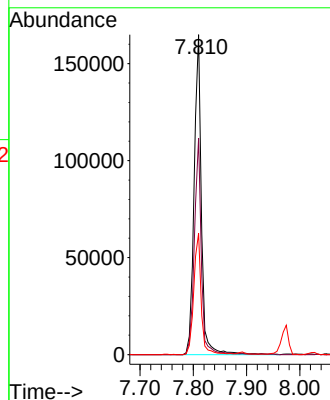
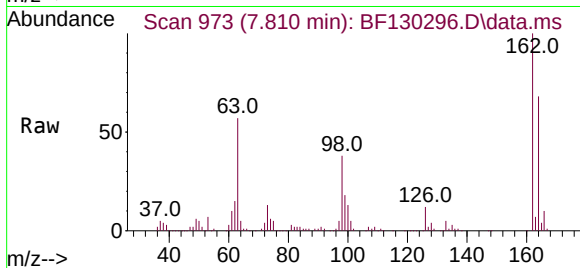
98 37.9 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.971 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

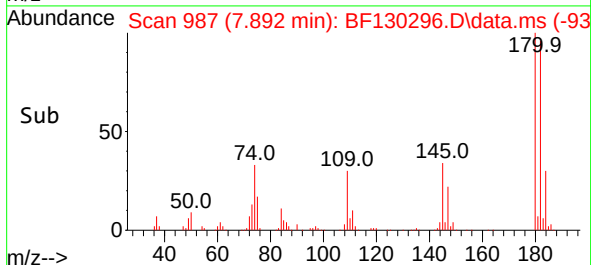
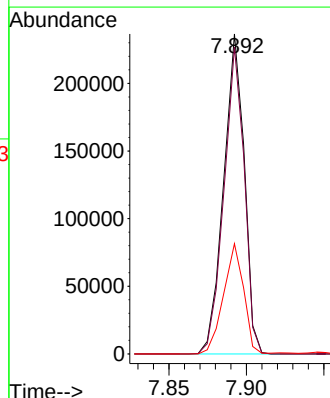
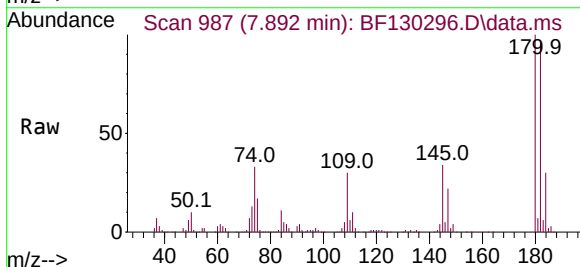
Tgt Ion:180 Resp: 218809

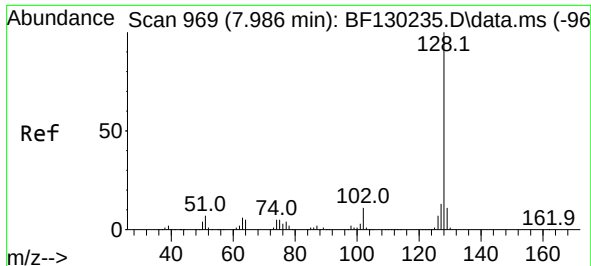
Ion Ratio Lower Upper

180 100

182 95.9 73.3 109.9

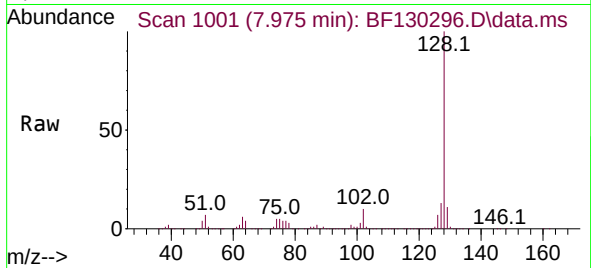
145 34.4 28.3 42.5





#31
Naphthalene
Concen: 41.817 ng
RT: 7.975 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

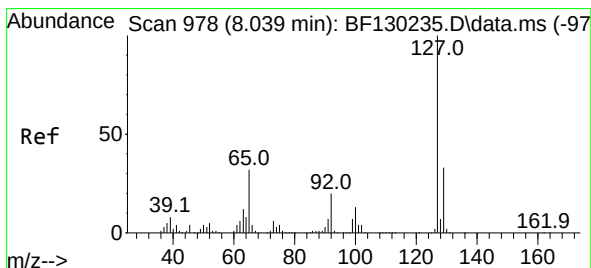
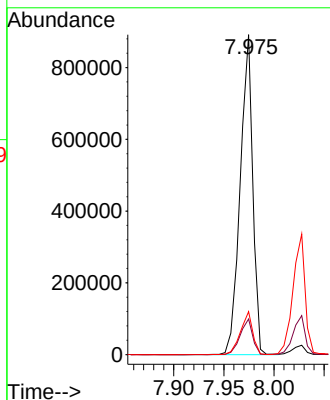
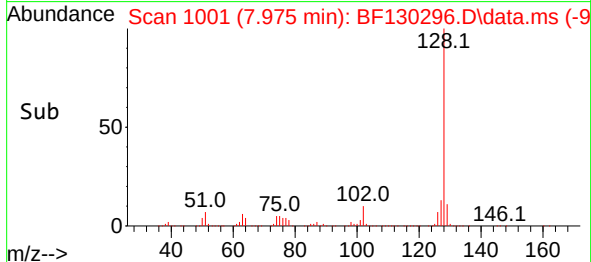
Instrument :
BNA_F
ClientSampleId :
HW-43MS



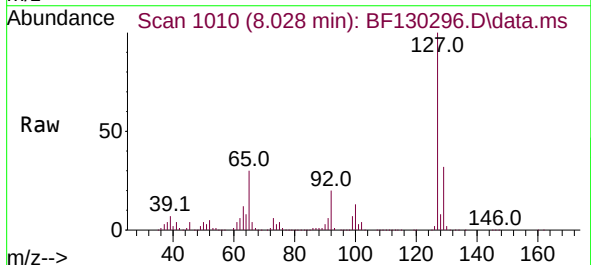
Tgt Ion:128 Resp: 77410
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.6 16.0

Manual Integrations
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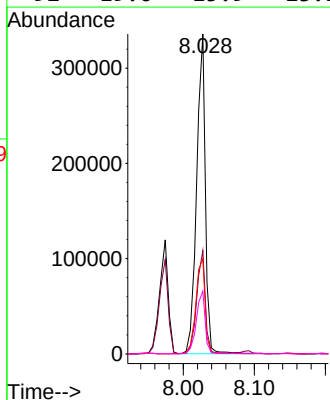
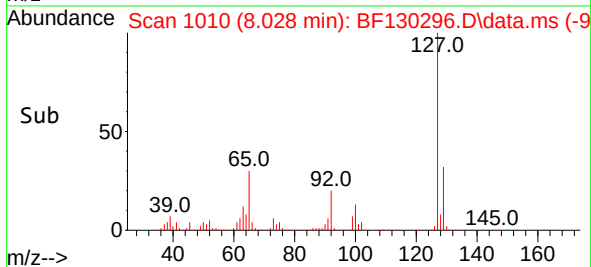
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

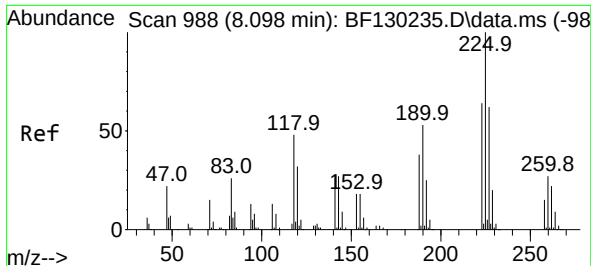


#33
4-Chloroaniline
Concen: 40.861 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



Tgt Ion:127 Resp: 287682
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 29.7 27.0 40.6
92 19.6 15.9 23.9





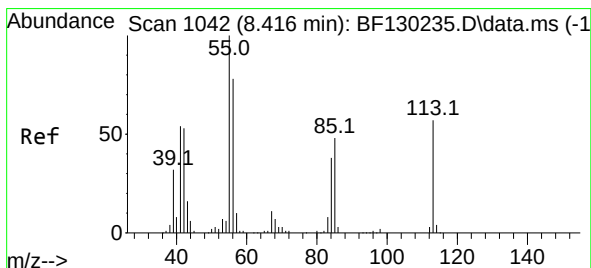
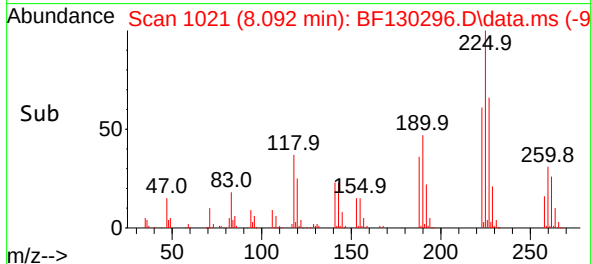
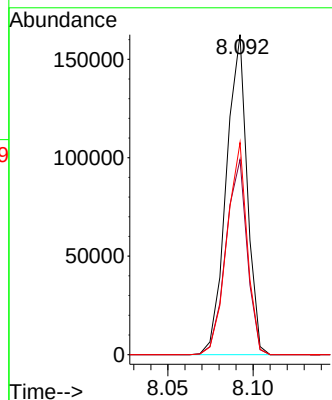
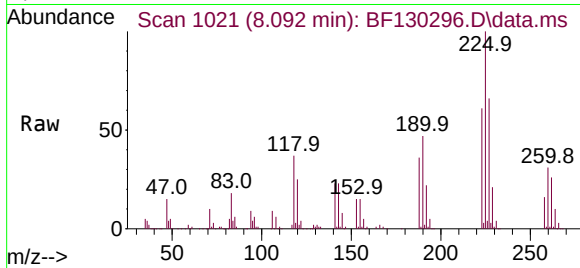
#34
Hexachlorobutadiene
Concen: 40.507 ng
RT: 8.092 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion:225 Resp: 138254
Ion Ratio Lower Upper
225 100
223 61.0 50.3 75.5
227 66.3 51.1 76.7

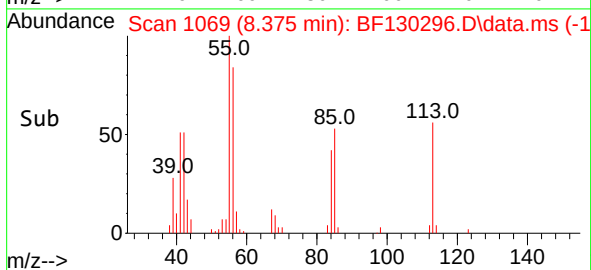
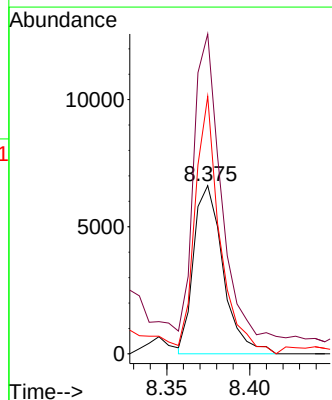
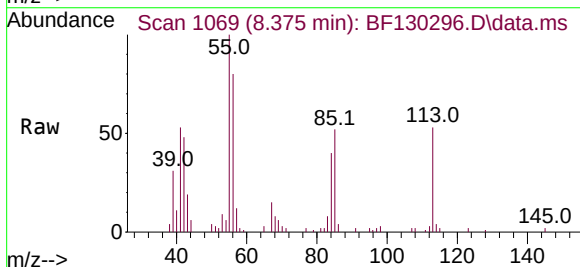
Manual Integrations
APPROVED

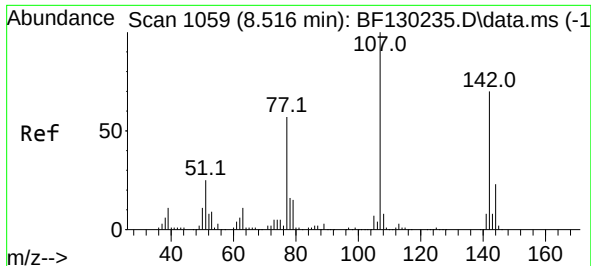
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#35
Caprolactam
Concen: 5.803 ng m
RT: 8.375 min Scan# 1069
Delta R.T. -0.029 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:113 Resp: 8217
Ion Ratio Lower Upper
113 100
55 190.2 155.4 195.4
56 153.0 120.4 160.4





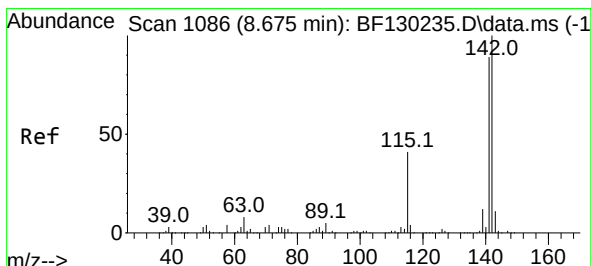
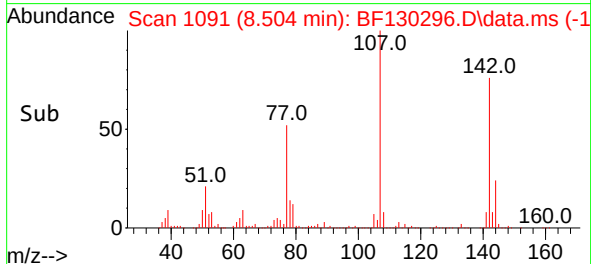
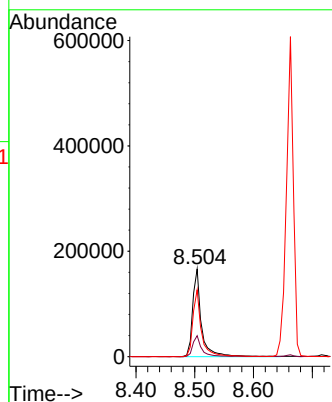
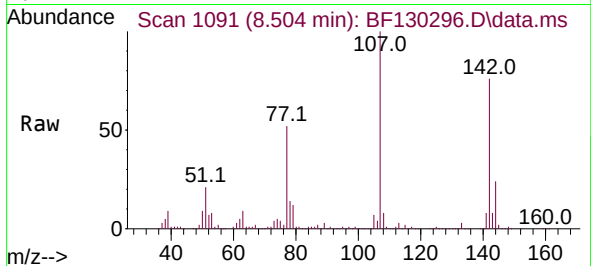
#36
4-Chloro-3-methylphenol
Concen: 31.476 ng
RT: 8.504 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion:107 Resp: 172332
Ion Ratio Lower Upper
107 100
144 23.8 20.0 30.0
142 76.3 61.3 91.9

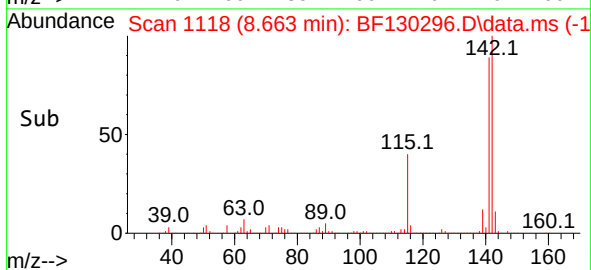
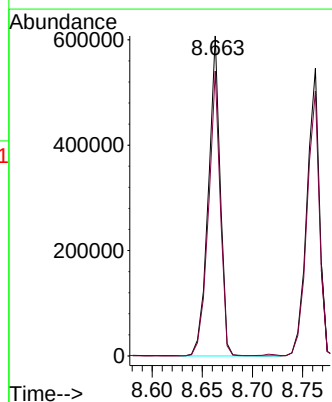
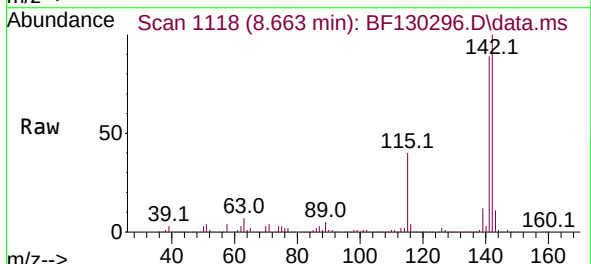
Manual Integrations
APPROVED

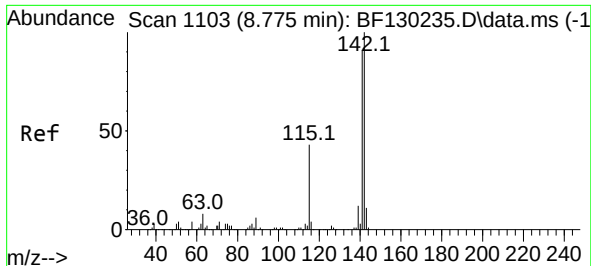
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#37
2-Methylnaphthalene
Concen: 42.305 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

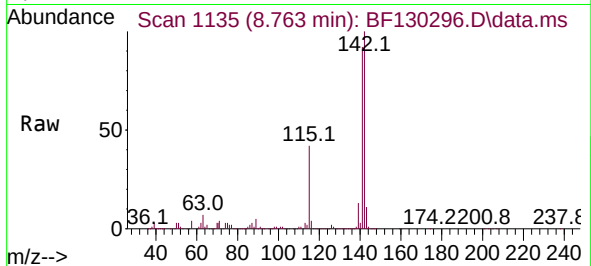
Tgt Ion:142 Resp: 499322
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0





#38
1-Methylnaphthalene
Concen: 41.750 ng
RT: 8.763 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

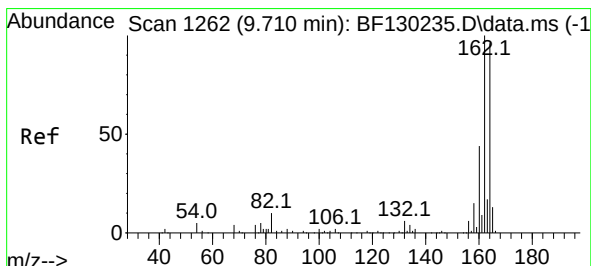
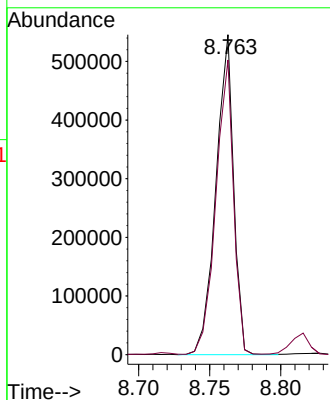
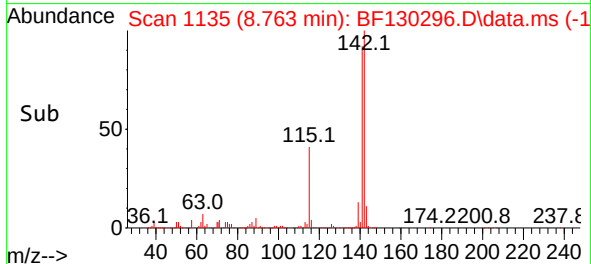
Instrument :
BNA_F
ClientSampleId :
HW-43MS



Tgt Ion:142 Resp: 473374
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8

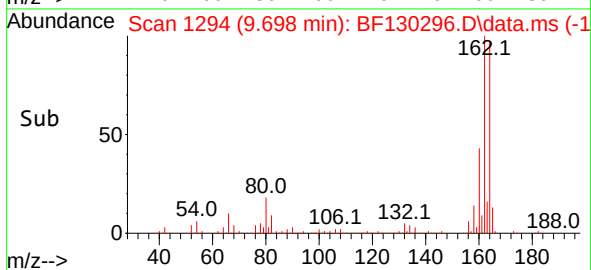
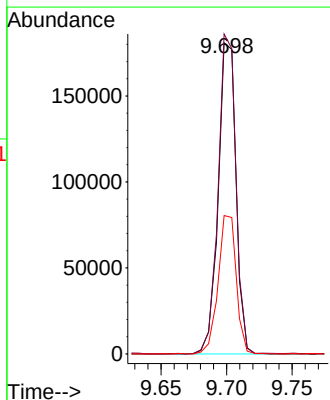
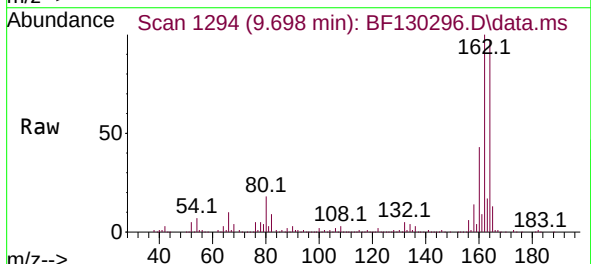
Manual Integrations
APPROVED

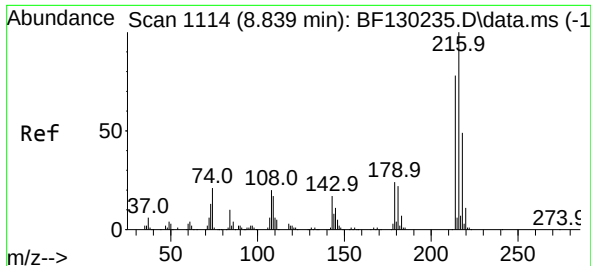
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

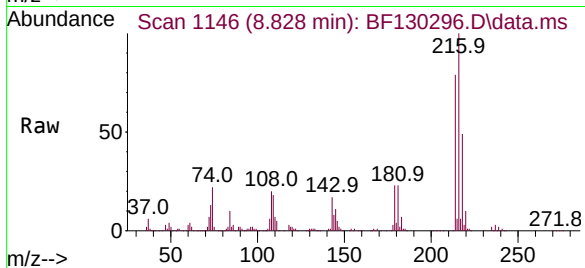
Tgt Ion:164 Resp: 170827
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.5 36.2 54.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.046 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

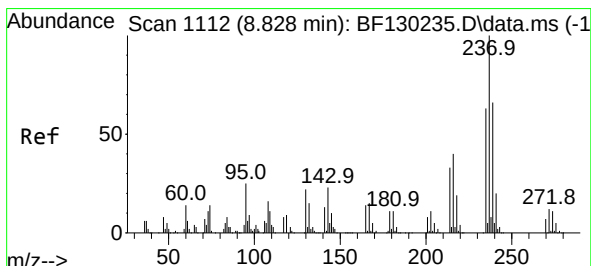
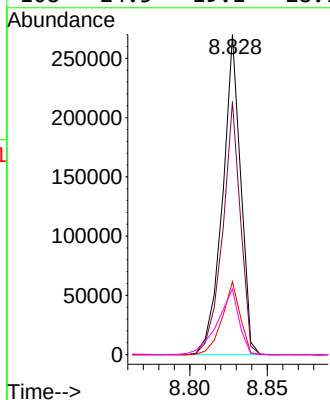
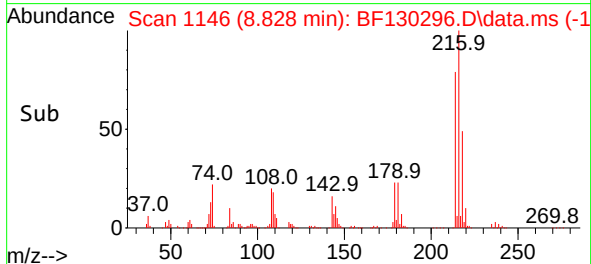
Instrument :
BNA_F
ClientSampleId :
HW-43MS



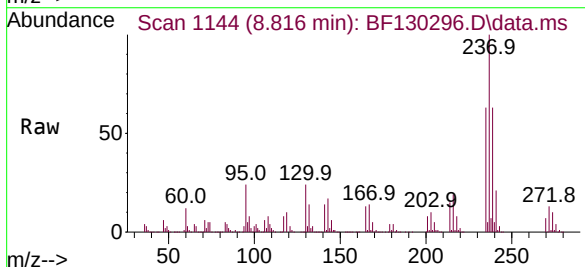
Tgt Ion: 216 Resp: 219328
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 22.6 19.5 29.3
108 24.5 19.1 28.7

Manual Integrations
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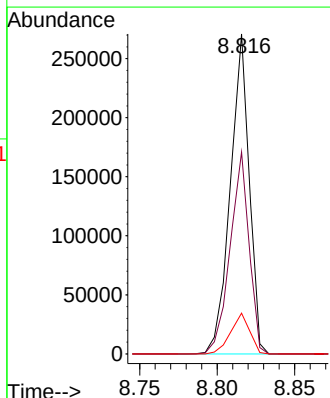
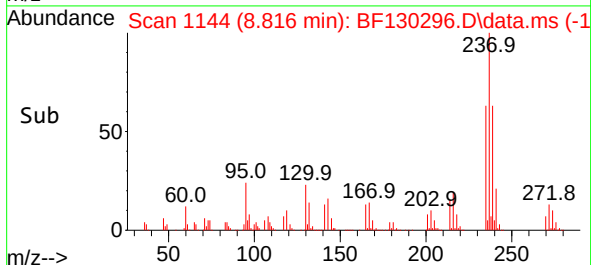
Reviewed By : Christian Giraldo 09/19/2022
Supervised By : Jagrut Upadhyay 09/19/2022

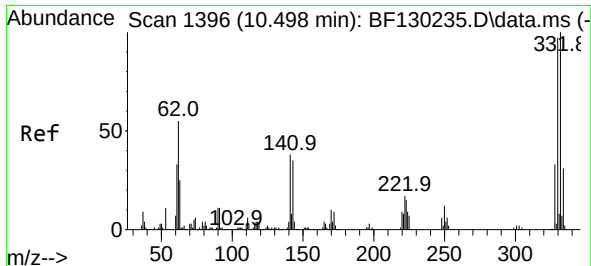


#41
Hexachlorocyclopentadiene
Concen: 91.943 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



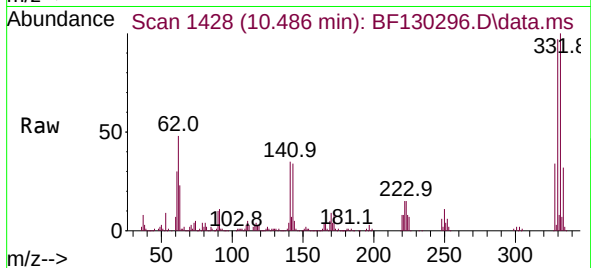
Tgt Ion: 237 Resp: 229486
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 12.7 0.0 32.8





#42
2,4,6-Tribromophenol
Concen: 80.690 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

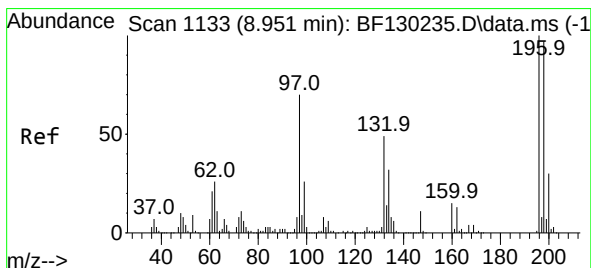
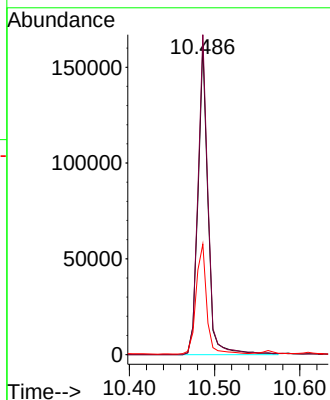
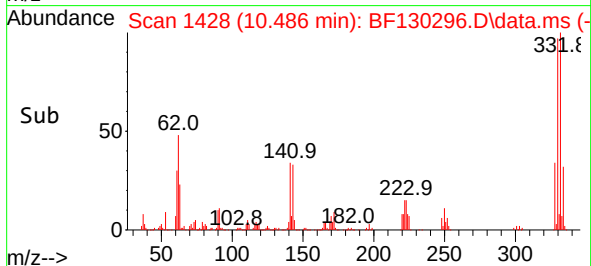
Instrument :
BNA_F
ClientSampleId :
HW-43MS



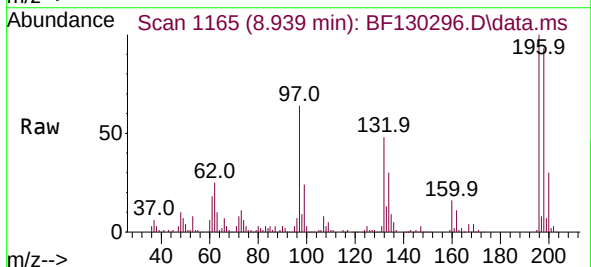
Tgt Ion: 330 Resp: 132078
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 37.9 34.0 51.0

Manual Integrations
APPROVED

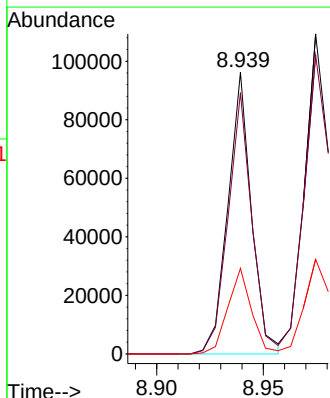
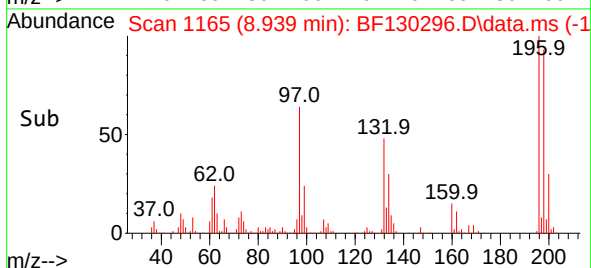
Reviewed By : Christian Giraldo 09/19/2022
Supervised By : Jagrut Upadhyay 09/19/2022

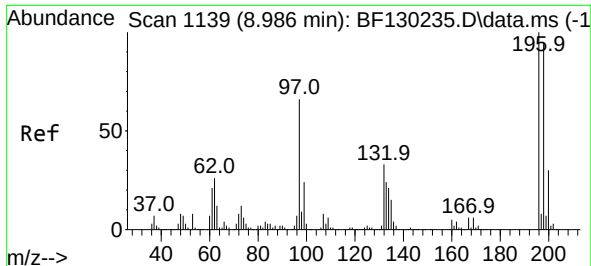


#43
2,4,6-Trichlorophenol
Concen: 22.734 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



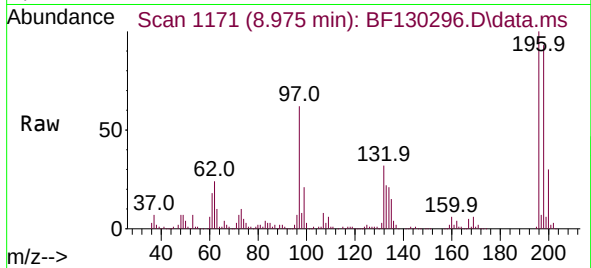
Tgt Ion: 196 Resp: 73968
Ion Ratio Lower Upper
196 100
198 92.7 72.4 108.6
200 30.3 23.8 35.6





#44
2,4,5-Trichlorophenol
Concen: 28.751 ng
RT: 8.975 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

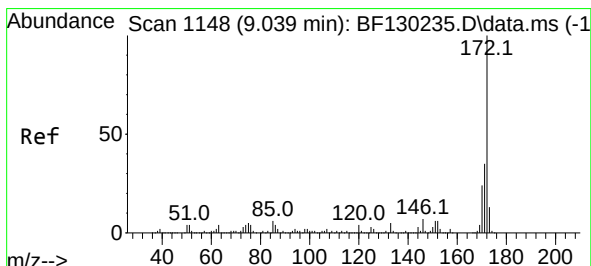
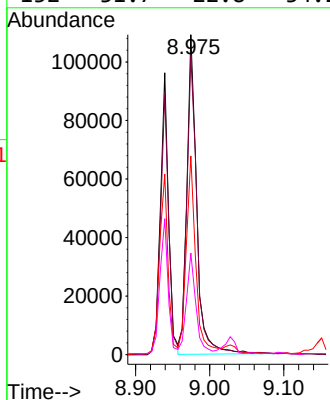
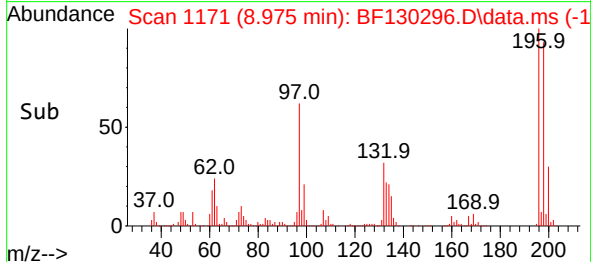
Instrument :
BNA_F
ClientSampleId :
HW-43MS



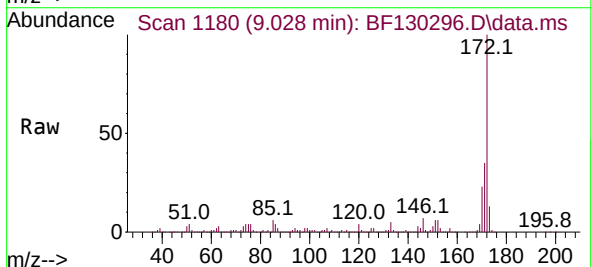
Tgt Ion:196 Resp: 100945
Ion Ratio Lower Upper
196 100
198 93.4 74.8 112.2
97 62.1 43.7 65.5
132 31.7 22.8 34.2

Manual Integrations
APPROVED

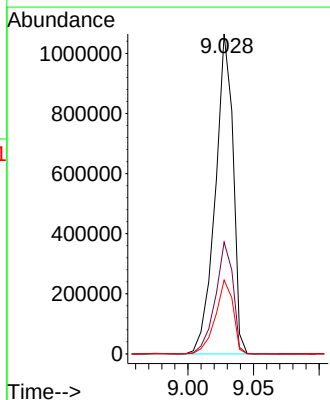
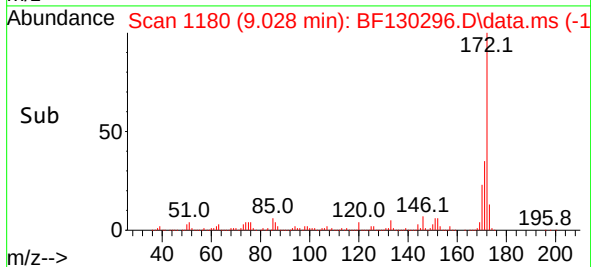
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

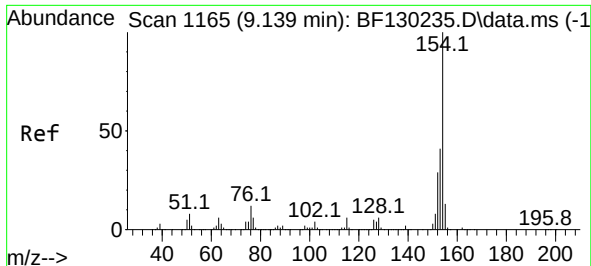


#45
2-Fluorobiphenyl
Concen: 85.711 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



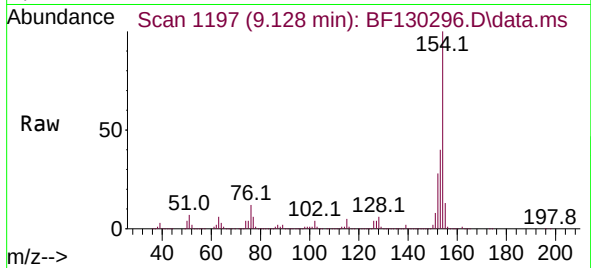
Tgt Ion:172 Resp: 1005487
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.1 18.7 28.1





#46
1,1'-Biphenyl
Concen: 47.308 ng
RT: 9.128 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

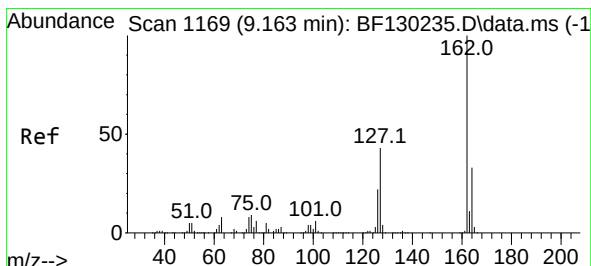
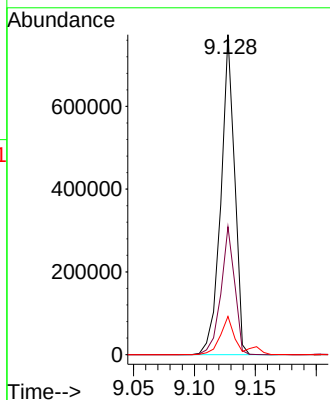
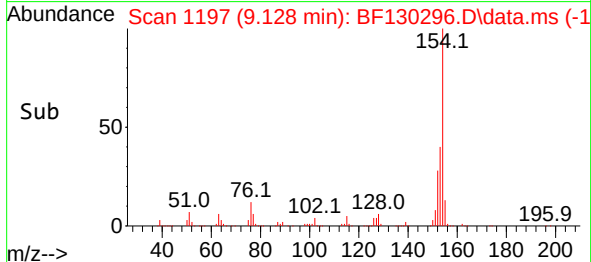
Instrument :
BNA_F
ClientSampleId :
HW-43MS



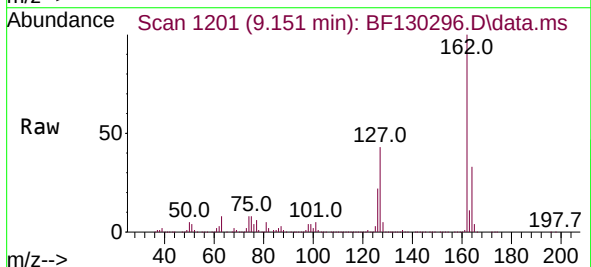
Tgt Ion:154 Resp: 603561
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 11.9 0.0 33.3

Manual Integrations
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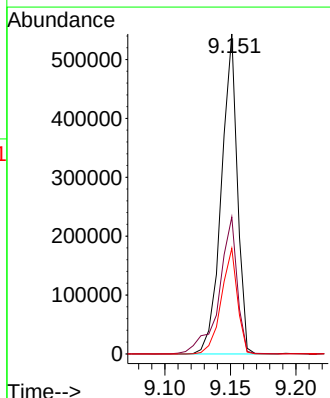
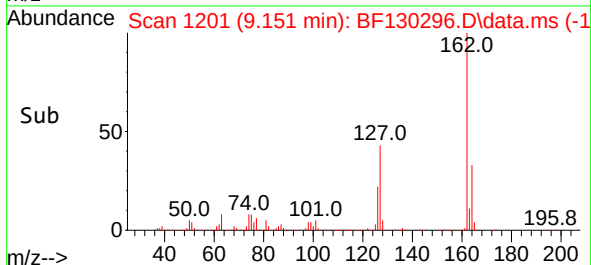
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

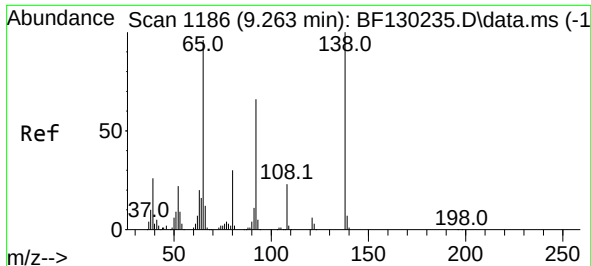


#47
2-Chloronaphthalene
Concen: 44.762 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



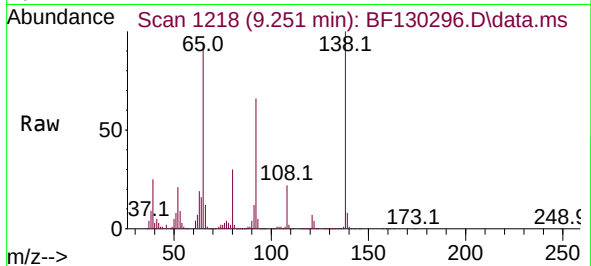
Tgt Ion:162 Resp: 461966
Ion Ratio Lower Upper
162 100
127 42.8 35.9 53.9
164 33.0 26.2 39.2





#48
2-Nitroaniline
Concen: 41.113 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

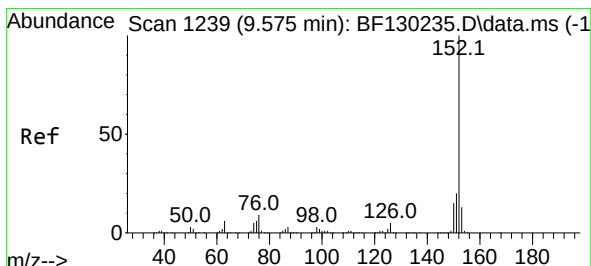
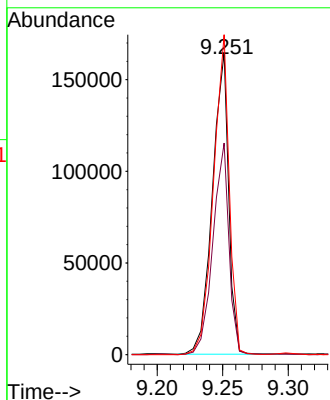
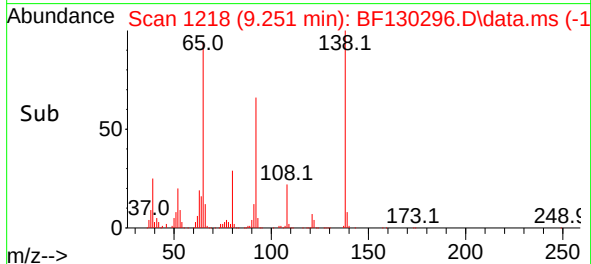
Instrument :
BNA_F
ClientSampleId :
HW-43MS



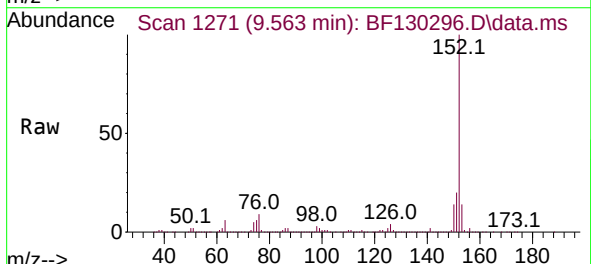
Tgt Ion: 65 Resp: 141518
Ion Ratio Lower Upper
65 100
92 70.1 52.2 78.4
138 105.9 77.0 115.4

Manual Integrations
APPROVED

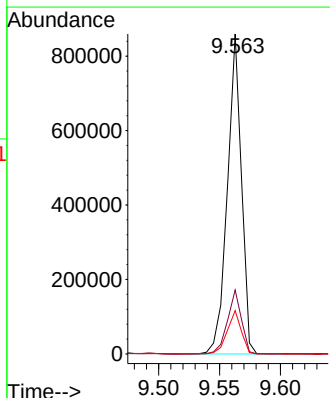
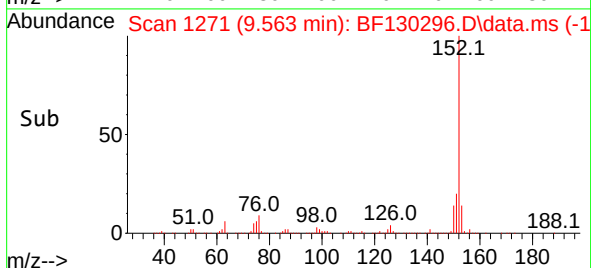
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

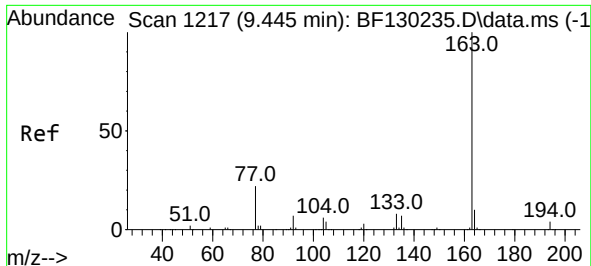


#49
Acenaphthylene
Concen: 44.458 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



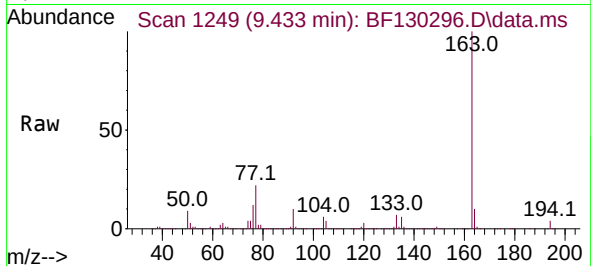
Tgt Ion:152 Resp: 687943
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.5 10.6 15.8





#50
Dimethylphthalate
Concen: 43.986 ng
RT: 9.433 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

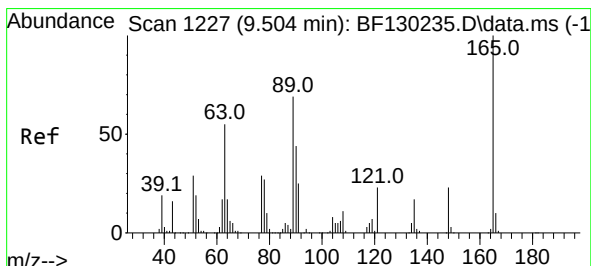
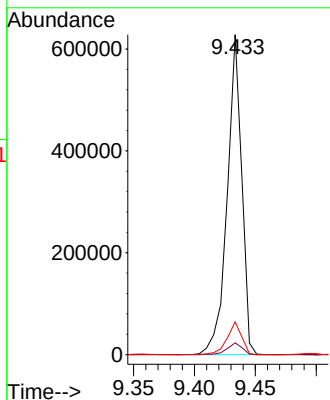
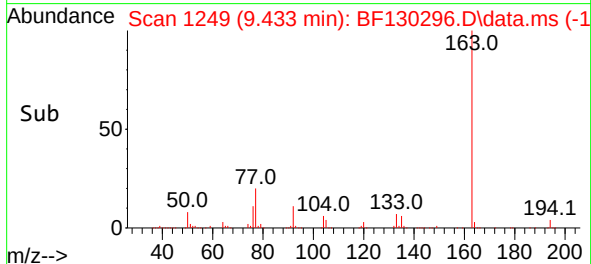
Instrument :
BNA_F
ClientSampleId :
HW-43MS



Tgt Ion:163 Resp: 519035
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.2 8.2 12.2

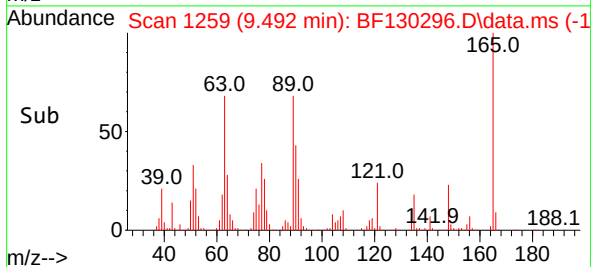
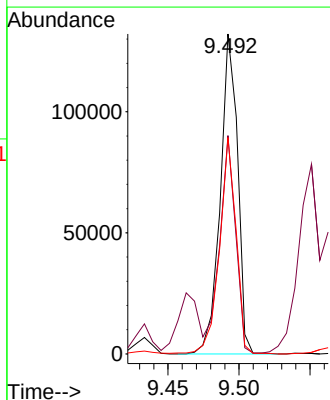
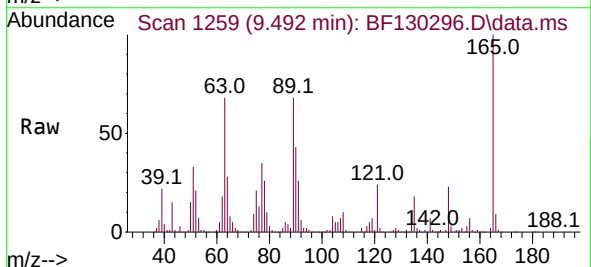
Manual Integrations
APPROVED

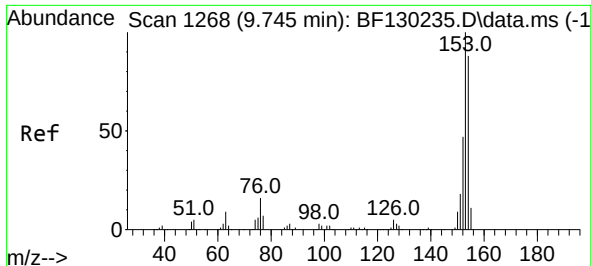
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#51
2,6-Dinitrotoluene
Concen: 45.329 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

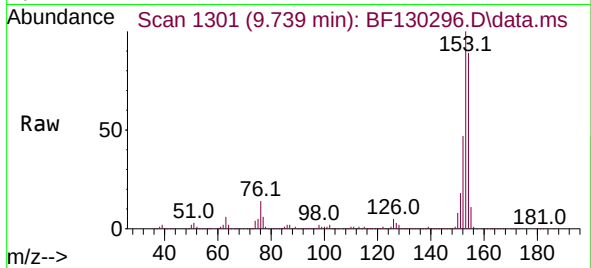
Tgt Ion:165 Resp: 111864
Ion Ratio Lower Upper
165 100
63 68.2 58.8 88.2
89 67.6 54.5 81.7





#52
Acenaphthene
Concen: 53.085 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

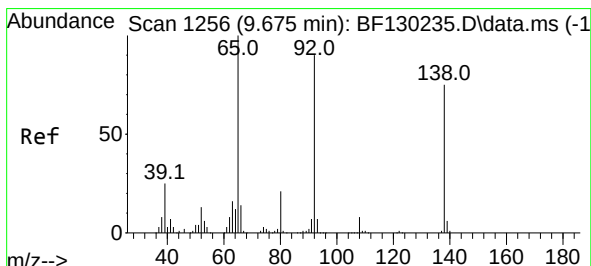
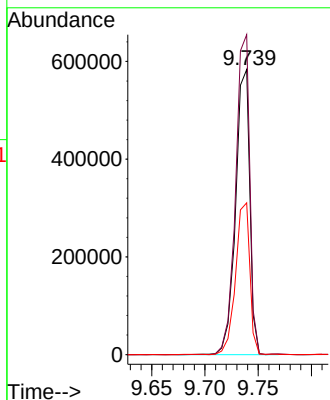
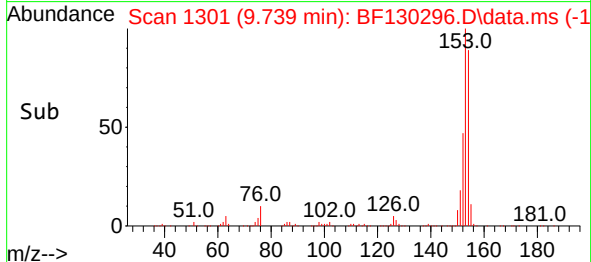
Instrument :
BNA_F
ClientSampleId :
HW-43MS



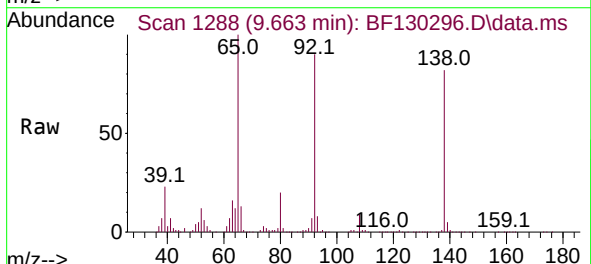
Tgt Ion:154 Resp: 539708
Ion Ratio Lower Upper
154 100
153 112.3 90.6 136.0
152 53.2 43.8 65.6

Manual Integrations
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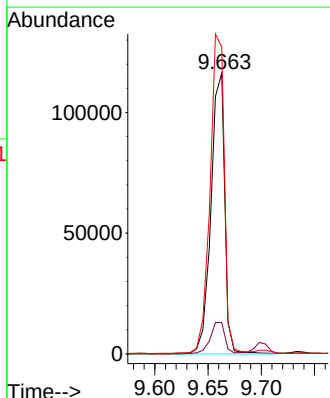
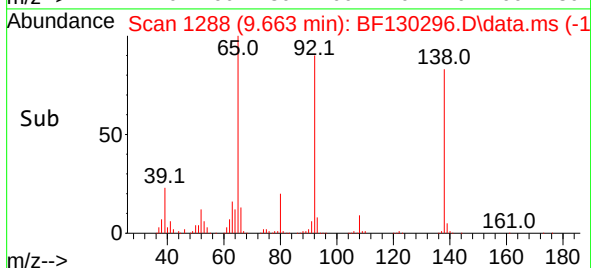
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

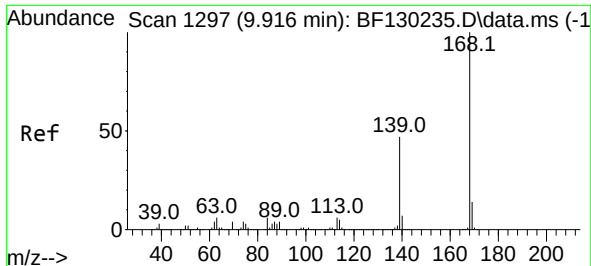


#53
3-Nitroaniline
Concen: 38.086 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



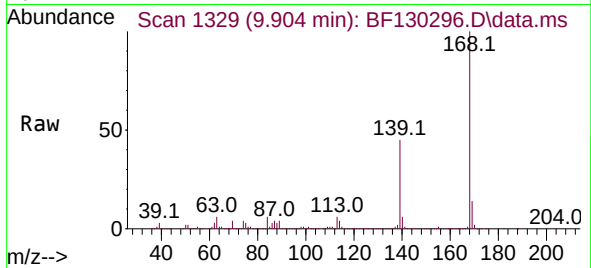
Tgt Ion:138 Resp: 104732
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 109.3 99.2 148.8





#55
Dibenzofuran
Concen: 43.735 ng
RT: 9.904 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

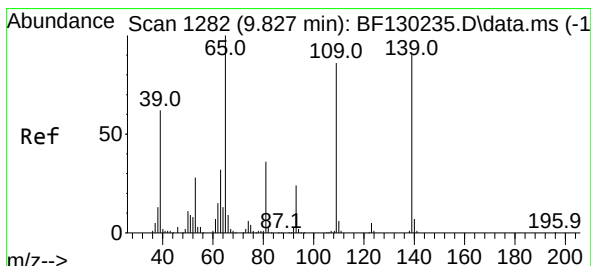
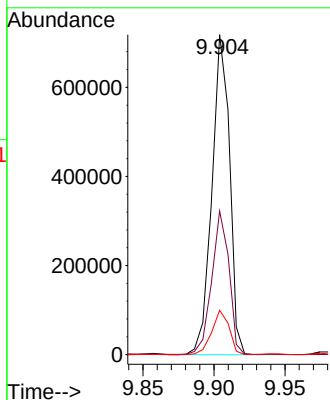
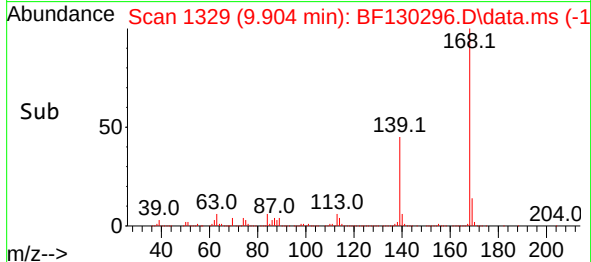
Instrument :
BNA_F
ClientSampleId :
HW-43MS



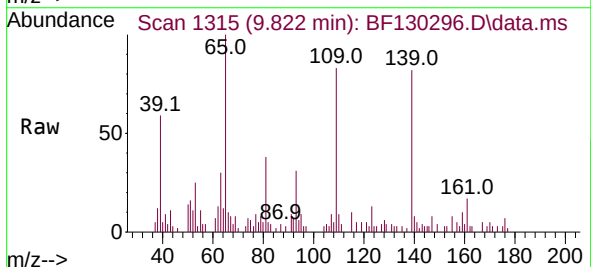
Tgt Ion:168 Resp: 618475
Ion Ratio Lower Upper
168 100
139 44.9 35.0 52.4
169 13.9 10.9 16.3

Manual Integrations
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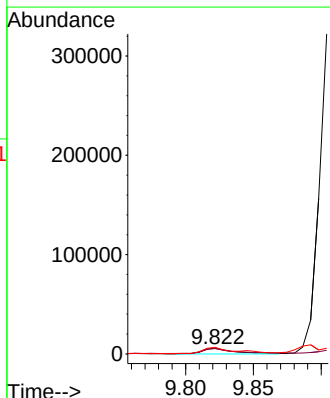
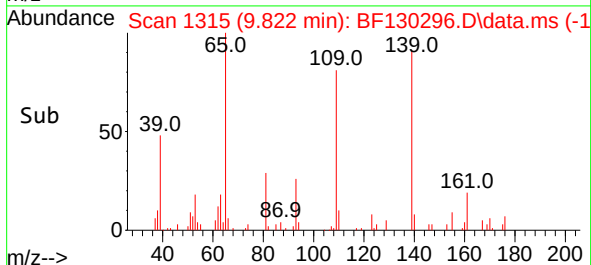
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

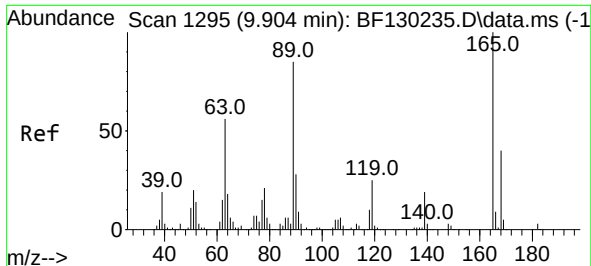


#56
4-Nitrophenol
Concen: 4.551 ng m
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



Tgt Ion:139 Resp: 9115
Ion Ratio Lower Upper
139 100
109 100.8 72.2 112.2
65 121.5 97.7 137.7





#57

2,4-Dinitrotoluene

Concen: 44.256 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion:165 Resp: 139581

Ion Ratio Lower Upper

165 100

63 47.8 44.7 67.1

89 73.7 69.0 103.4

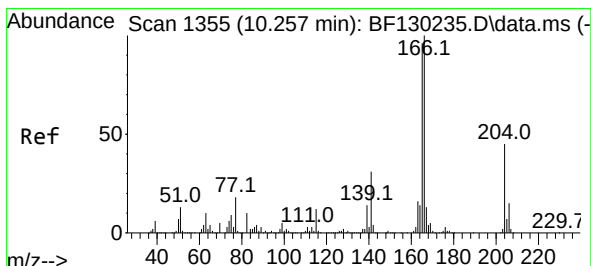
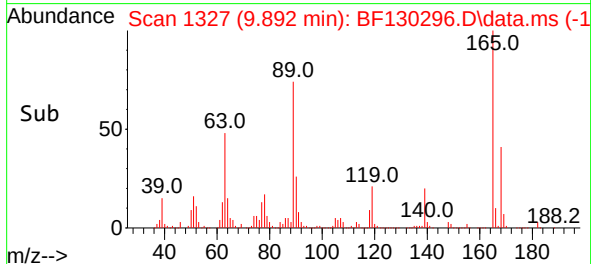
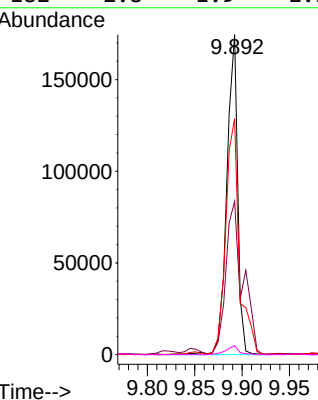
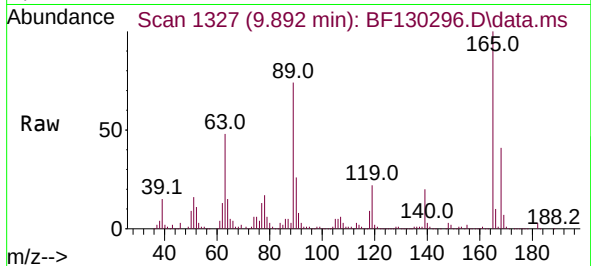
182 2.8 1.9 2.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#58

Fluorene

Concen: 44.900 ng

RT: 10.245 min Scan# 1387

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

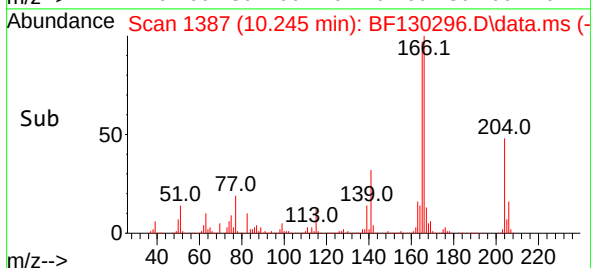
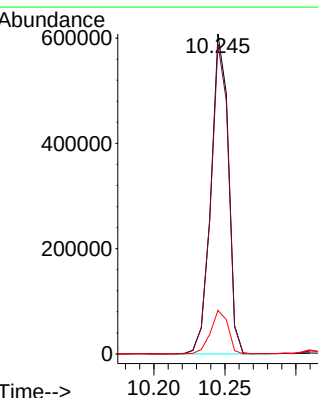
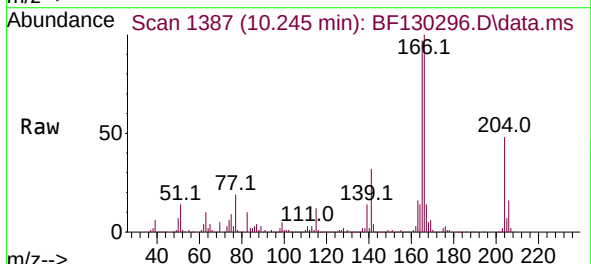
Tgt Ion:166 Resp: 519281

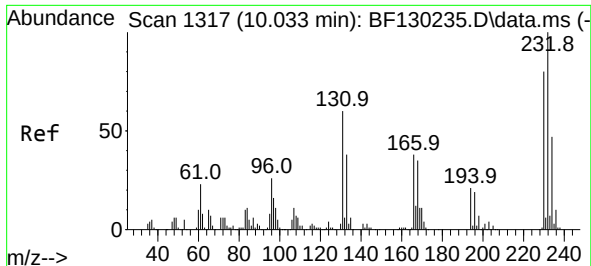
Ion Ratio Lower Upper

166 100

165 96.8 78.8 118.2

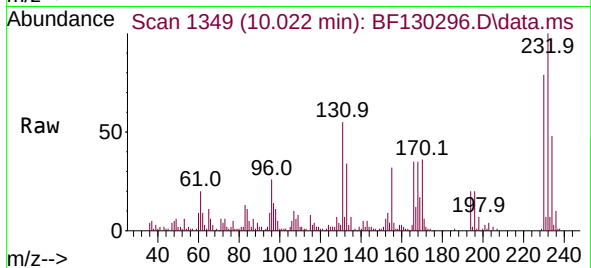
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 11.929 ng
RT: 10.022 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

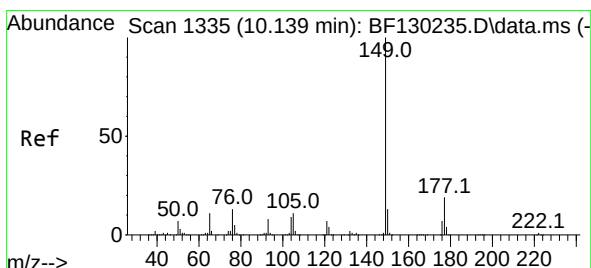
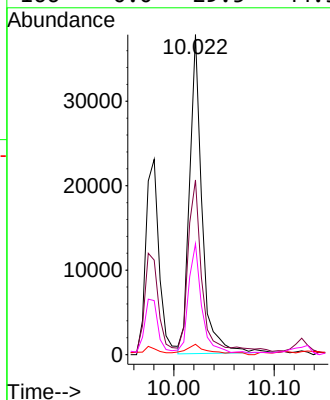
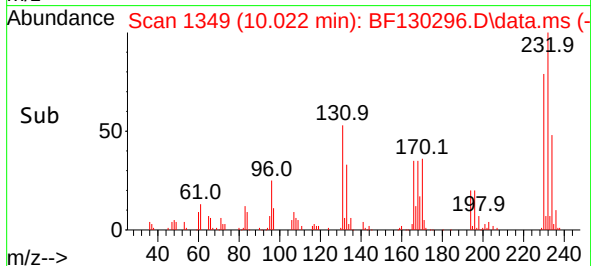
Instrument :
BNA_F
ClientSampleId :
HW-43MS



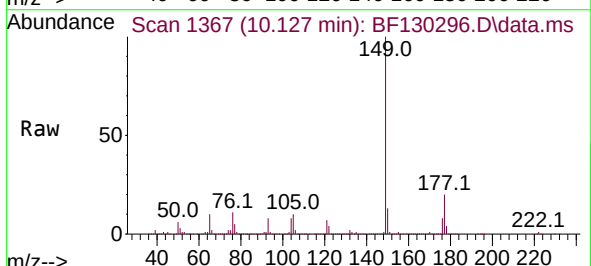
Tgt Ion:232 Resp: 32781
Ion Ratio Lower Upper
232 100
131 61.4 46.4 69.6
130 5.9 2.3 3.5
166 0.0 29.5 44.3#

Manual Integrations
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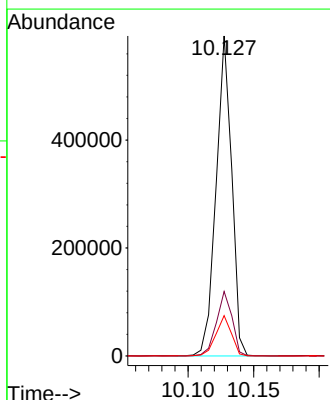
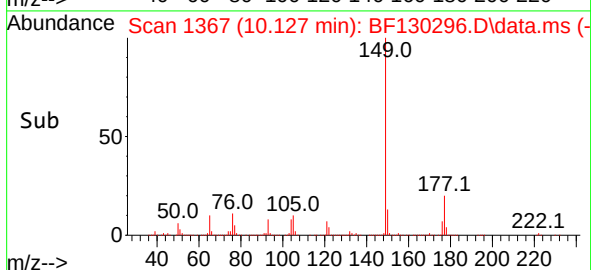
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

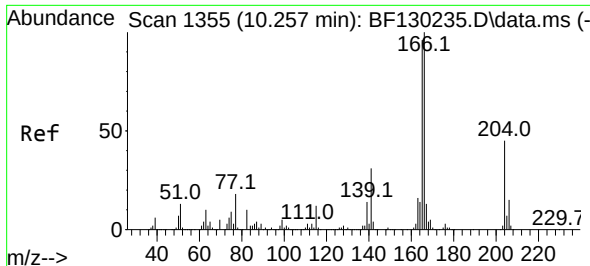


#60
Diethylphthalate
Concen: 41.442 ng
RT: 10.127 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



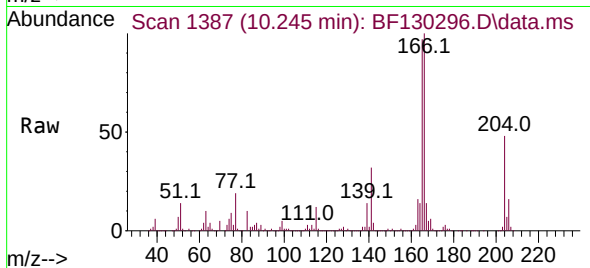
Tgt Ion:149 Resp: 490390
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.788 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

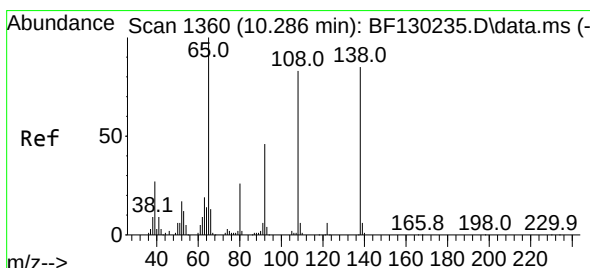
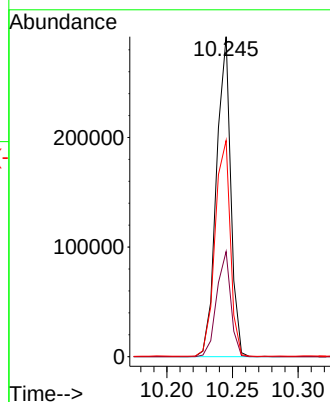
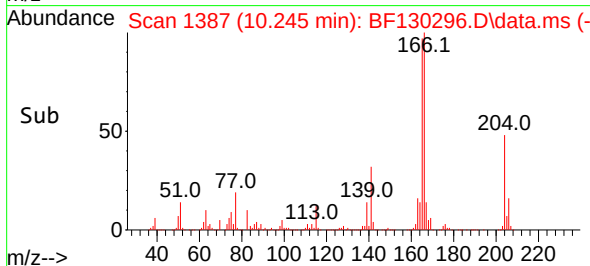
Instrument :
BNA_F
ClientSampleId :
HW-43MS



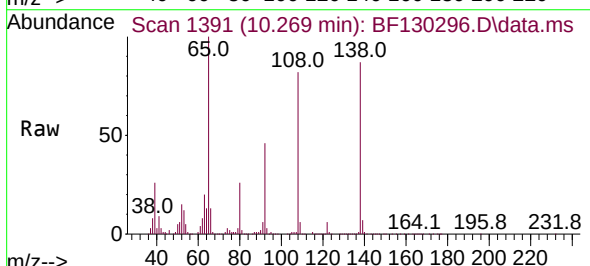
Tgt Ion:204 Resp: 222153
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 67.5 57.1 85.7

Manual Integrations
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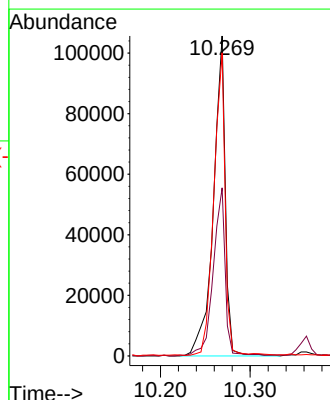
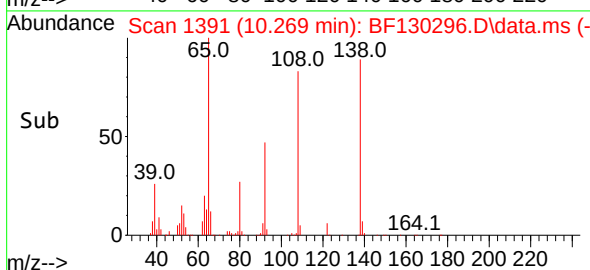
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

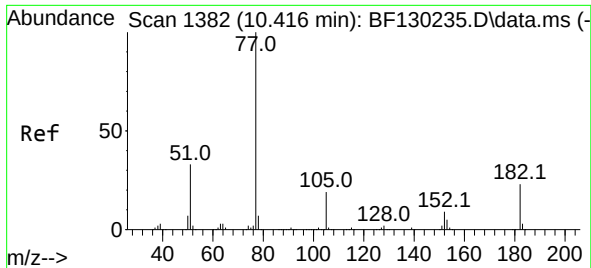


#62
4-Nitroaniline
Concen: 35.426 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



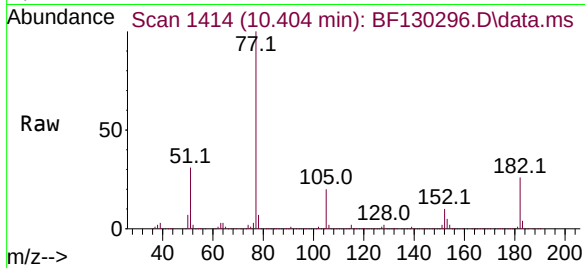
Tgt Ion:138 Resp: 97862
Ion Ratio Lower Upper
138 100
92 52.5 36.7 76.7
108 94.7 78.2 118.2





#63
Azobenzene
Concen: 38.517 ng
RT: 10.404 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

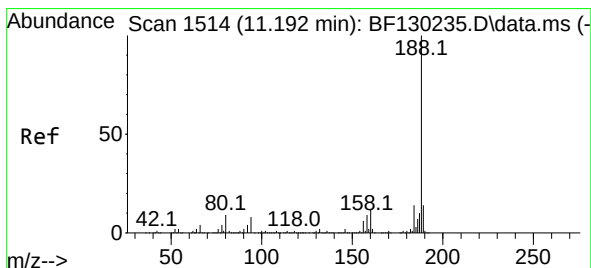
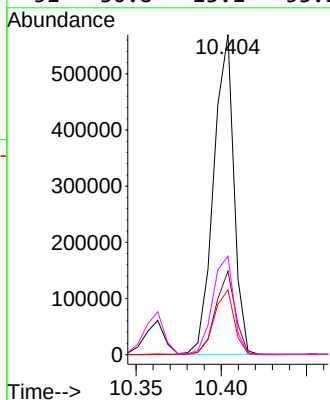
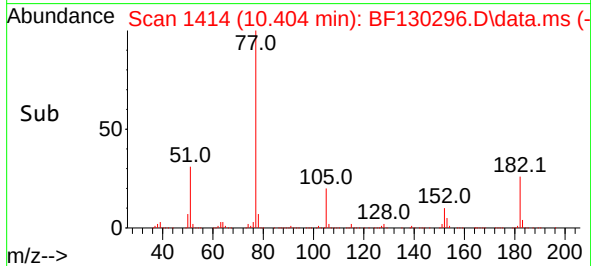
Instrument :
BNA_F
ClientSampleId :
HW-43MS



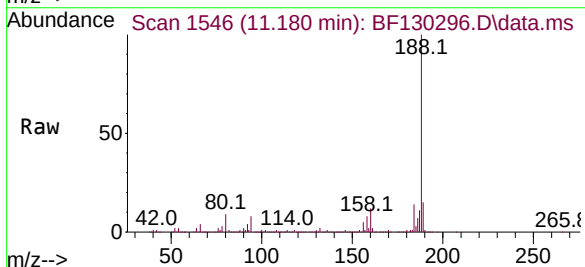
Tgt Ion: 77 Resp: 469319
Ion Ratio Lower Upper
77 100
182 26.1 2.1 42.1
105 20.2 0.0 39.4
51 30.8 13.1 53.1

Manual Integrations
APPROVED

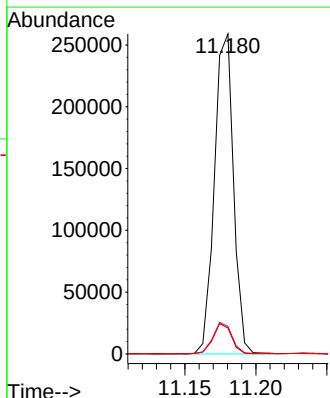
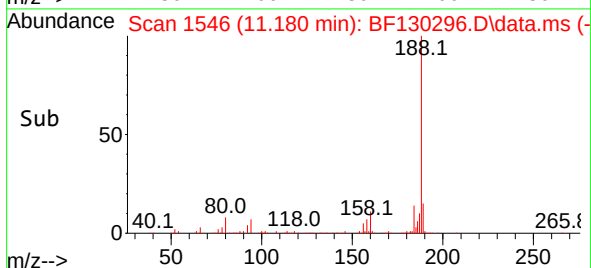
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

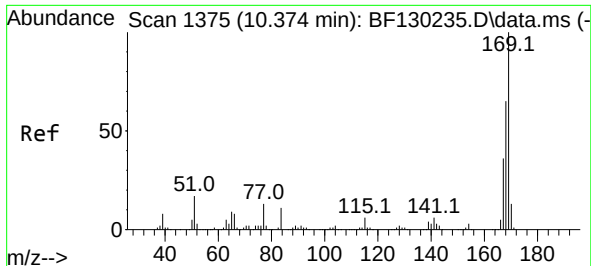


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



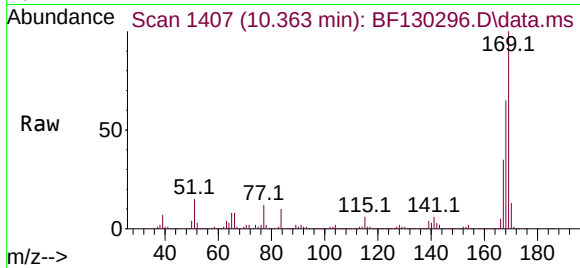
Tgt Ion:188 Resp: 242788
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.6 7.9 11.9





#66
n-Nitrosodiphenylamine
Concen: 49.791 ng
RT: 10.363 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

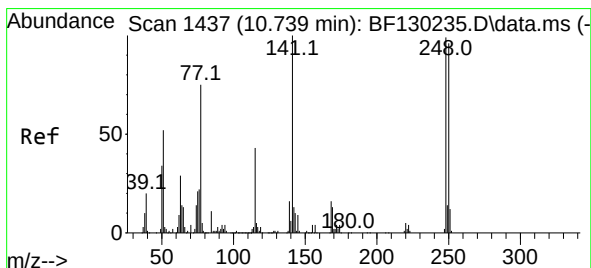
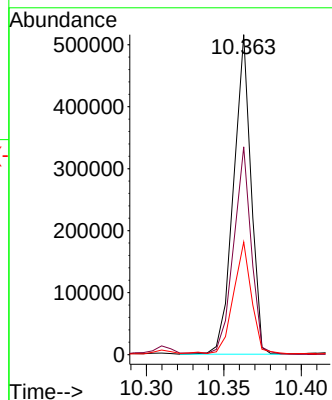
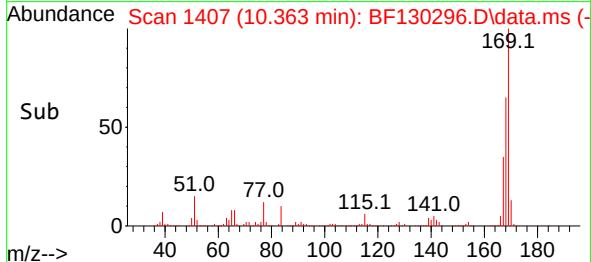
Instrument :
BNA_F
ClientSampleId :
HW-43MS



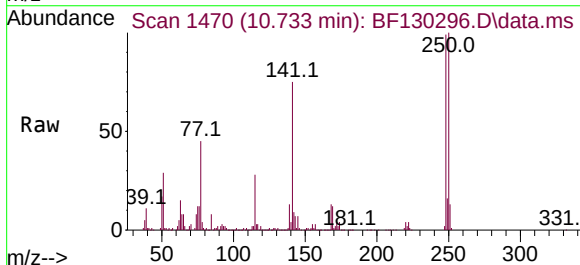
Tgt Ion:169 Resp: 403962
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 35.2 29.2 43.8

Manual Integrations
APPROVED

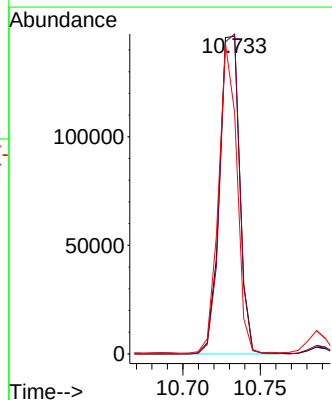
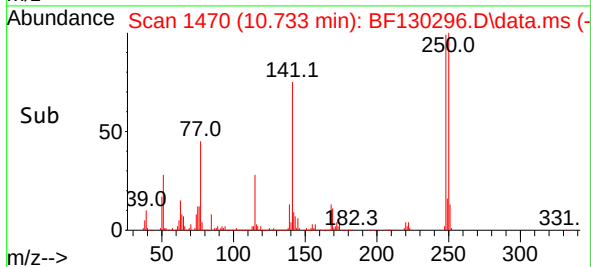
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

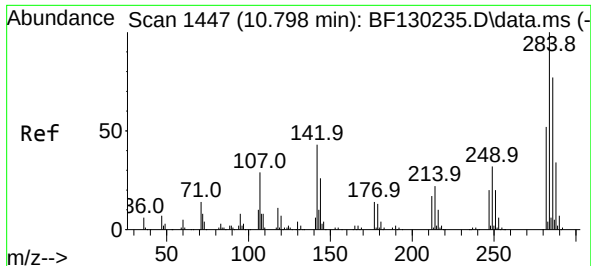


#67
4-Bromophenyl-phenylether
Concen: 49.522 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



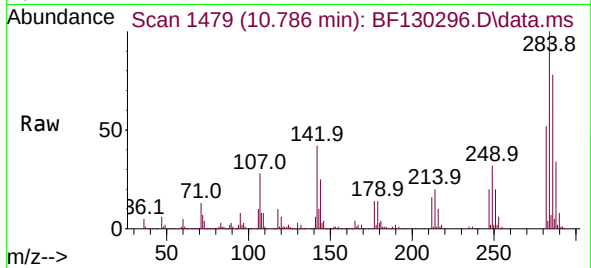
Tgt Ion:248 Resp: 132636
Ion Ratio Lower Upper
248 100
250 100.7 80.0 120.0
141 76.0 68.5 102.7





#68
Hexachlorobenzene
Concen: 49.412 ng
RT: 10.786 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

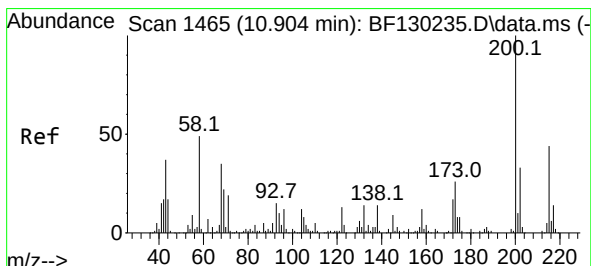
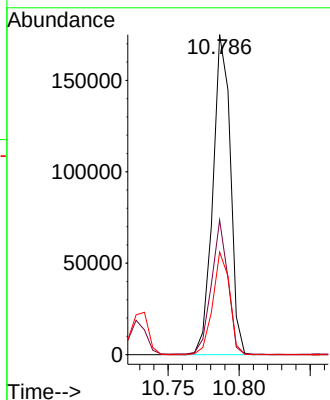
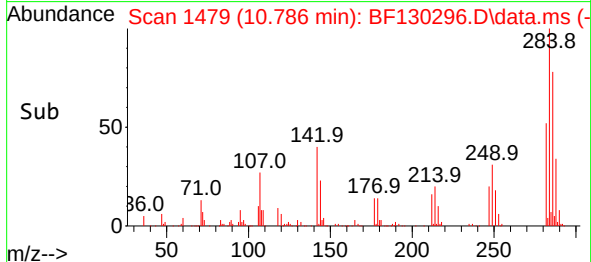
Instrument :
BNA_F
Client SampleId :
HW-43MS



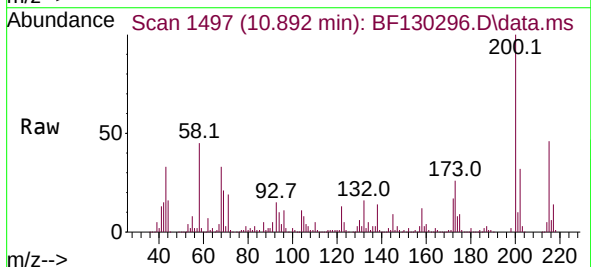
Tgt Ion:284 Resp: 150020
Ion Ratio Lower Upper
284 100
142 42.0 27.2 40.8
249 32.0 23.8 35.8

Manual Integrations
APPROVED

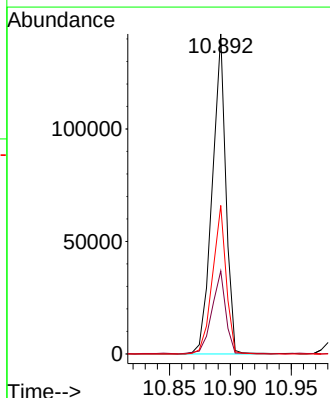
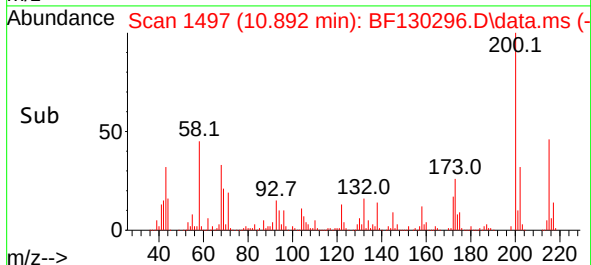
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

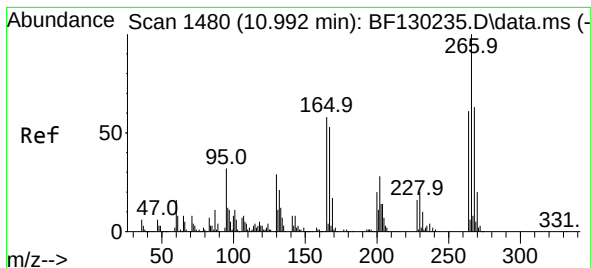


#69
Atrazine
Concen: 46.749 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



Tgt Ion:200 Resp: 110841
Ion Ratio Lower Upper
200 100
173 25.9 6.2 46.2
215 46.4 22.5 62.5





#70

Pentachlorophenol

Concen: 19.817 ng

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion:266 Resp: 32290

Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

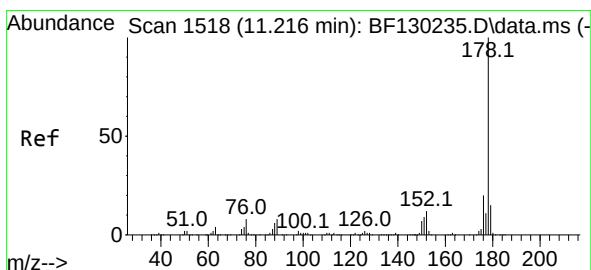
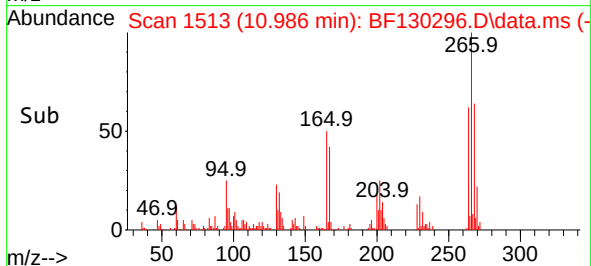
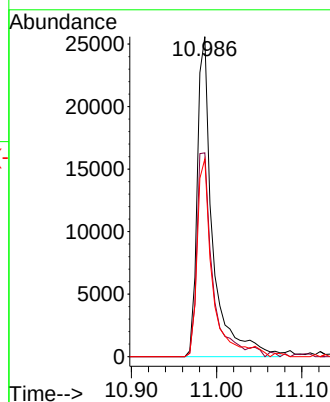
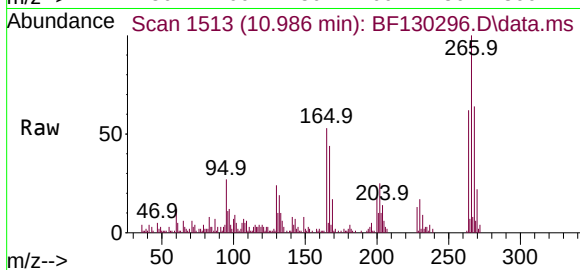
264 61.8 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#71

Phenanthrene

Concen: 43.871 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

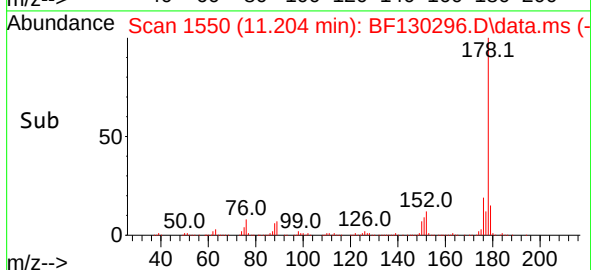
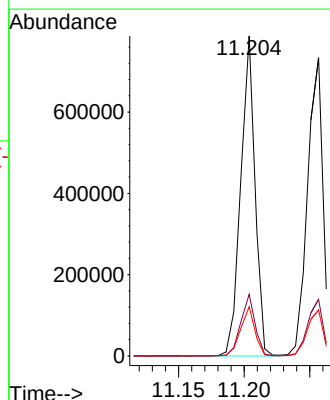
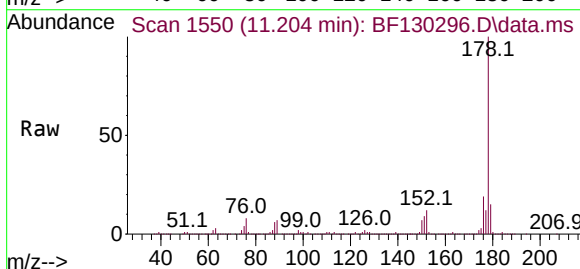
Tgt Ion:178 Resp: 598006

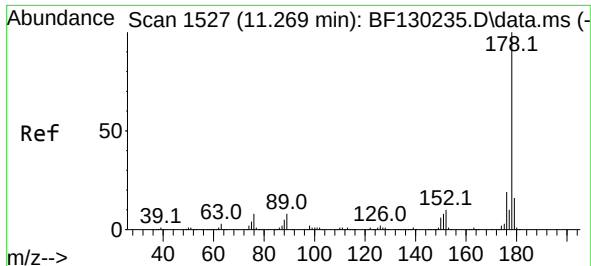
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

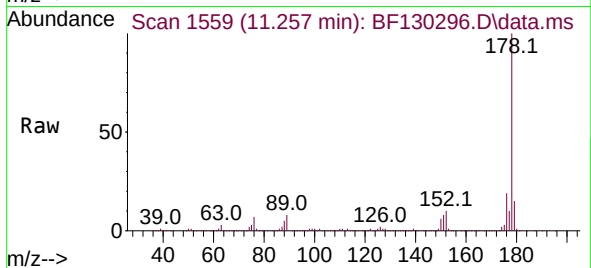
179 15.4 12.4 18.6





#72
 Anthracene
 Concen: 46.157 ng
 RT: 11.257 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

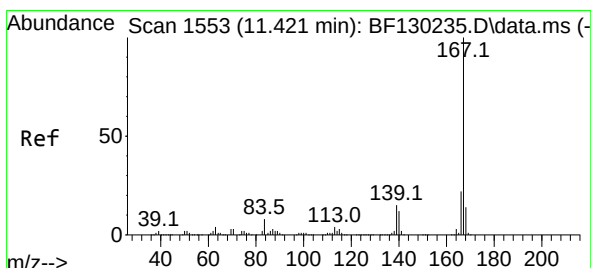
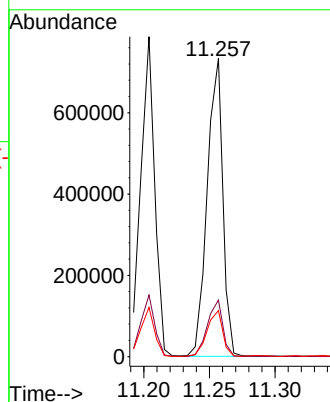
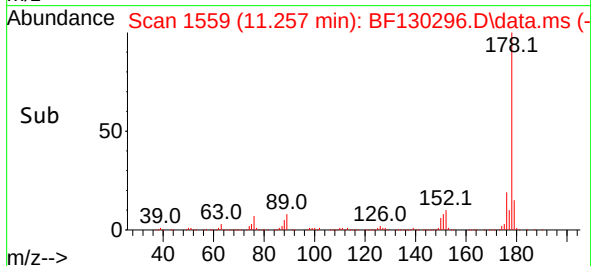
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS



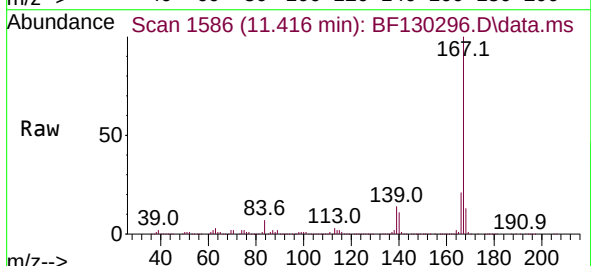
Tgt Ion:178 Resp: 607162
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.5 12.7 19.1

Manual Integrations
 APPROVED

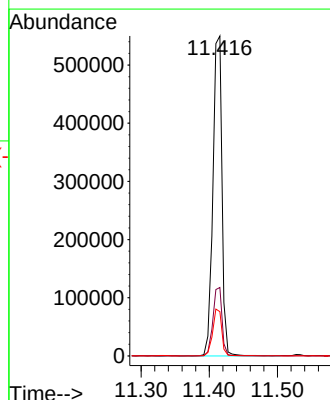
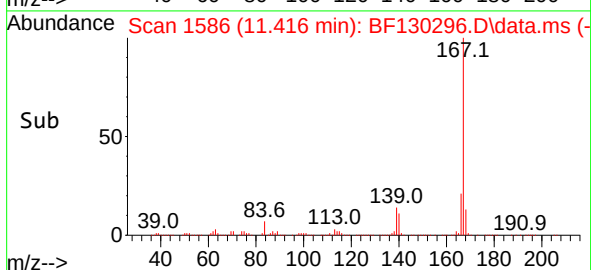
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

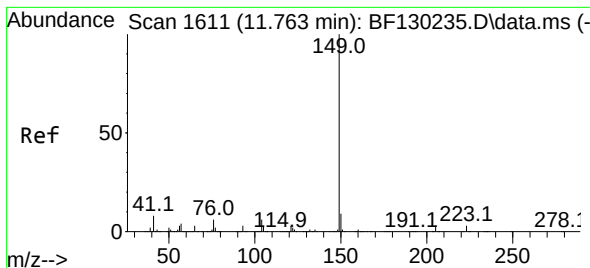


#73
 Carbazole
 Concen: 42.831 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20



Tgt Ion:167 Resp: 508474
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.8 11.6 17.4





#74

Di-n-butylphthalate

Concen: 42.670 ng

RT: 11.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion:149 Resp: 610858

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

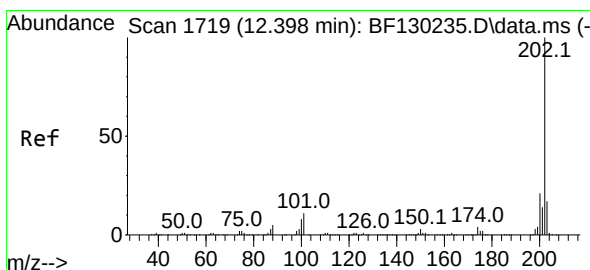
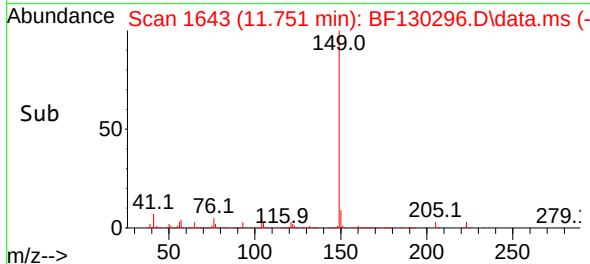
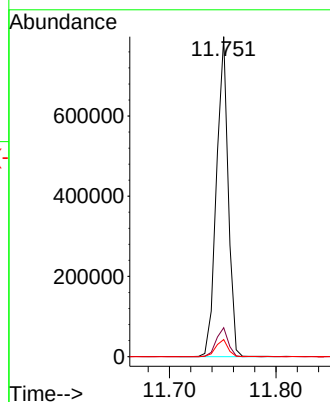
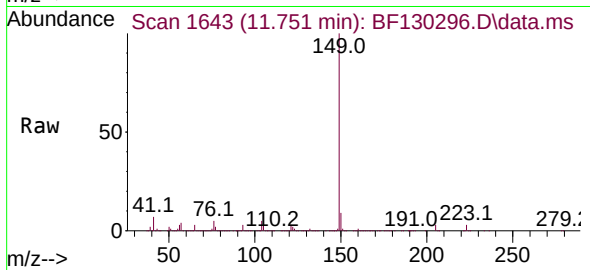
104 5.3 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#75

Fluoranthene

Concen: 38.717 ng

RT: 12.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

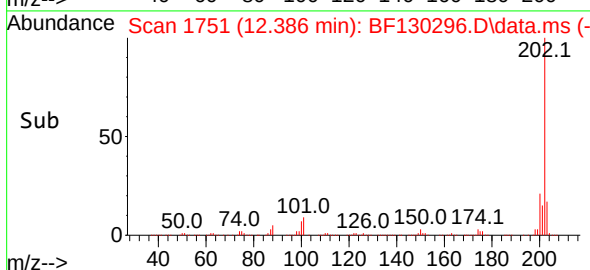
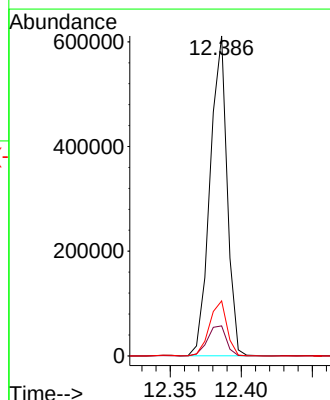
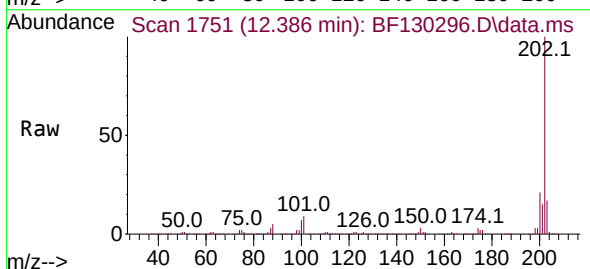
Tgt Ion:202 Resp: 509965

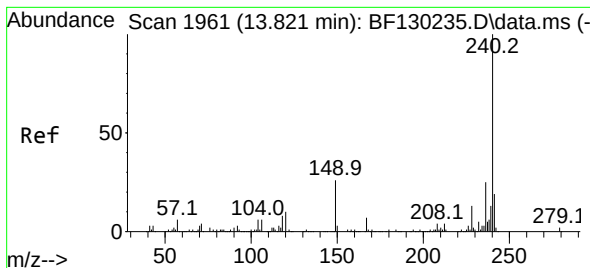
Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.8

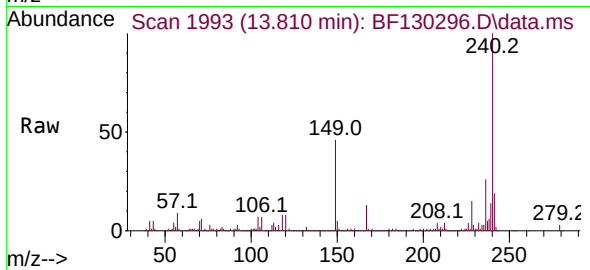
203 17.2 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

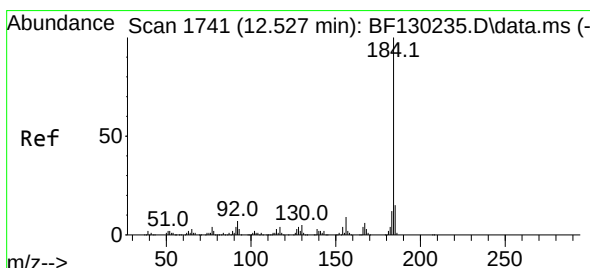
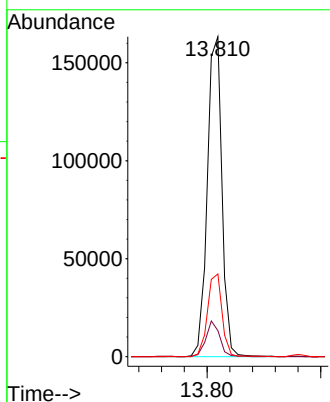
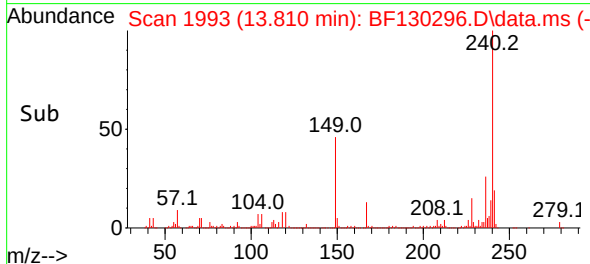
Instrument :
BNA_F
ClientSampleId :
HW-43MS



Tgt Ion:240 Resp: 146680
Ion Ratio Lower Upper
240 100
120 8.1 8.7 13.1
236 25.8 20.9 31.3

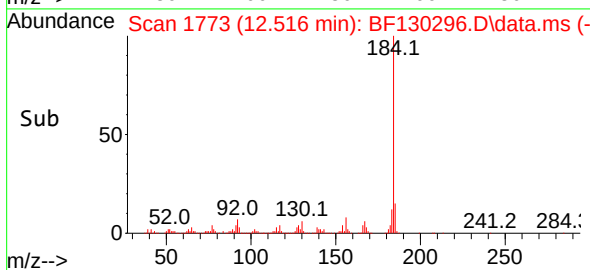
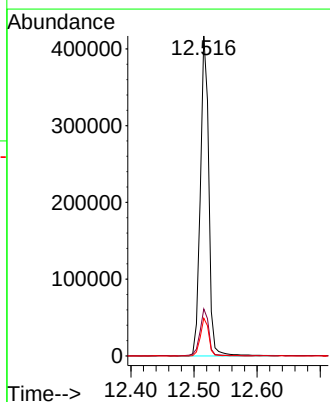
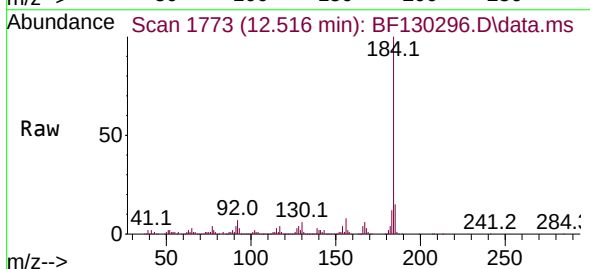
Manual Integrations
APPROVED

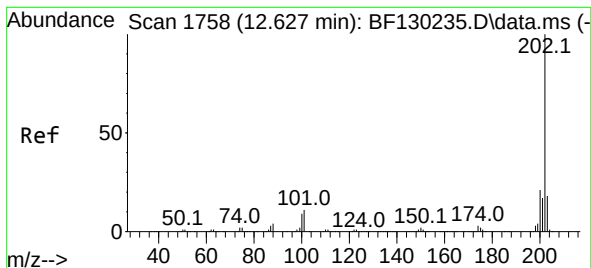
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#77
Benzidine
Concen: 90.424 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:184 Resp: 385024
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.8 9.1 13.7





#78

Pyrene

Concen: 38.619 ng

RT: 12.610 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

Tgt Ion:202 Resp: 495540

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

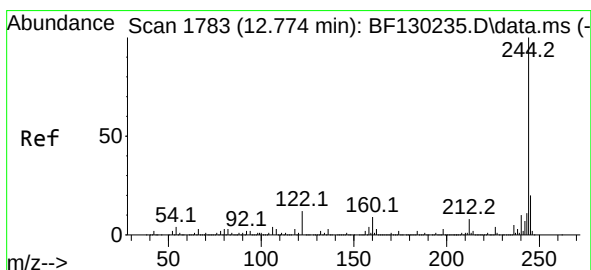
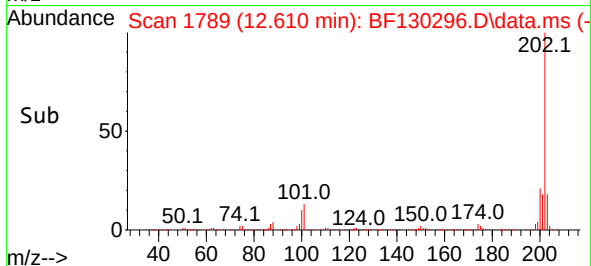
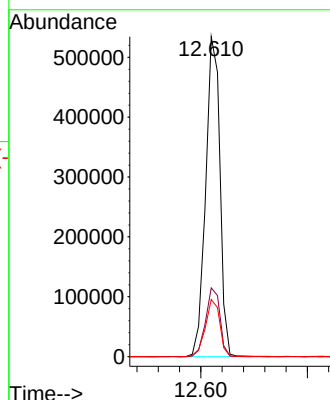
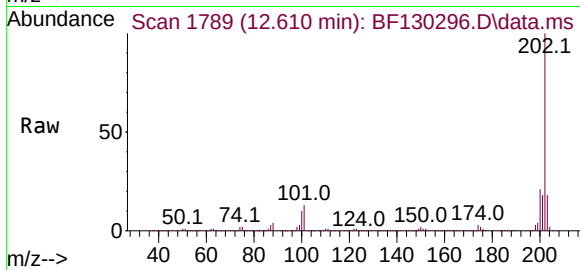
203 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#79

Terphenyl-d14

Concen: 69.249 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

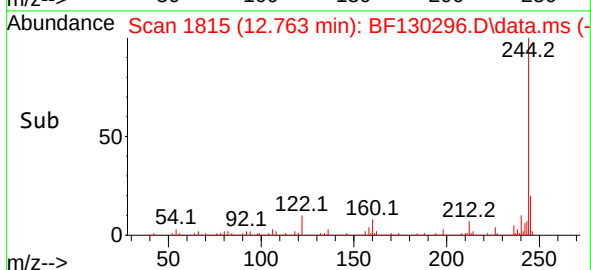
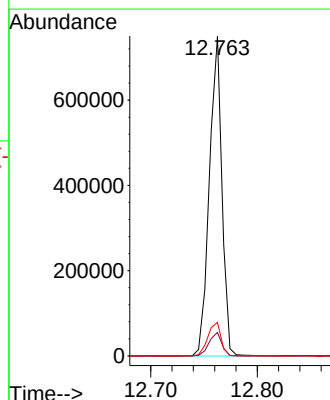
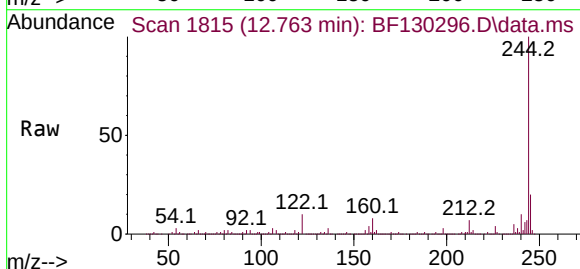
Tgt Ion:244 Resp: 613189

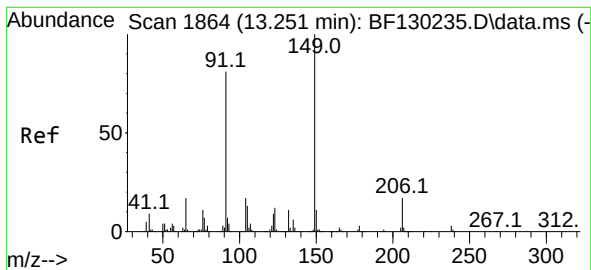
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.5 8.5 12.7





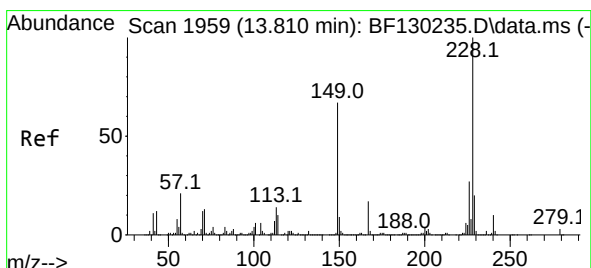
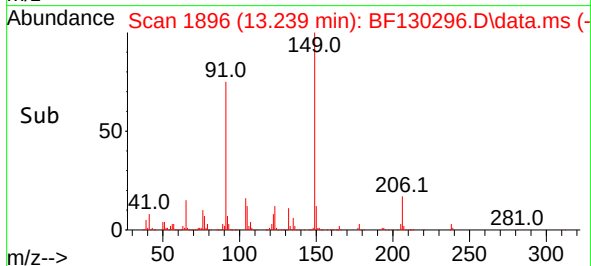
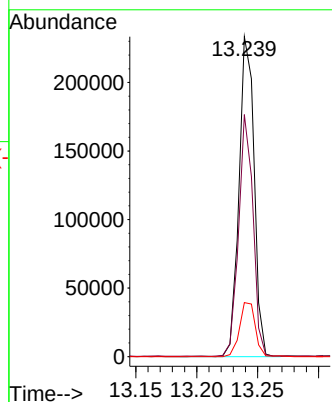
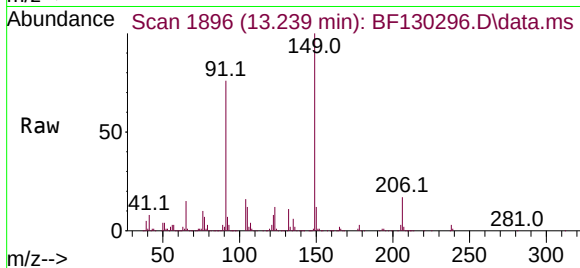
#80
Butylbenzylphthalate
Concen: 42.508 ng
RT: 13.239 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion:149 Resp: 202066
Ion Ratio Lower Upper
149 100
91 75.6 59.8 89.8
206 16.9 13.9 20.9

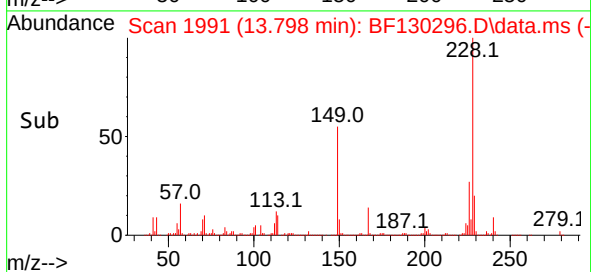
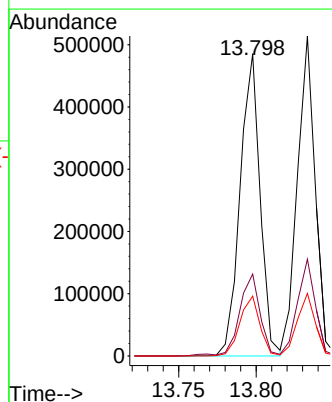
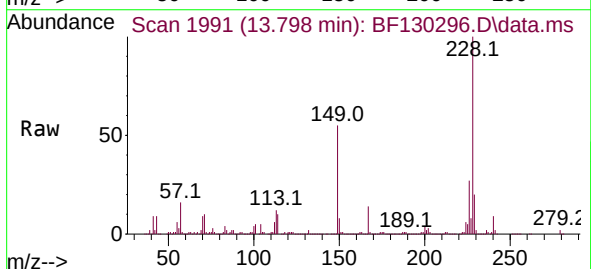
Manual Integrations
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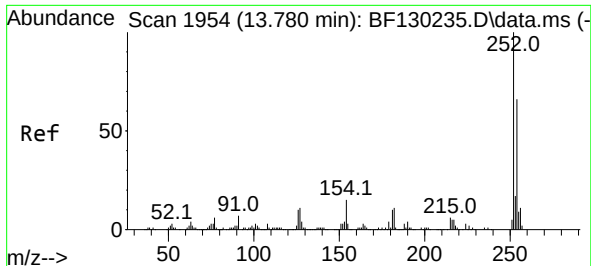
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#81
Benzo(a)anthracene
Concen: 44.617 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

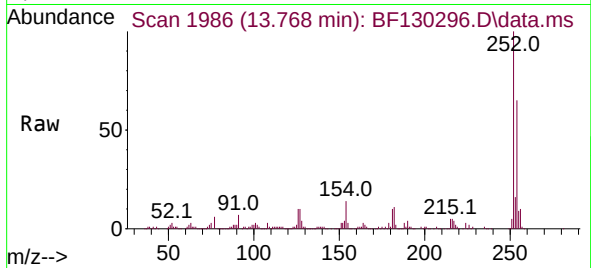
Tgt Ion:228 Resp: 435365
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.8 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 51.497 ng
RT: 13.768 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

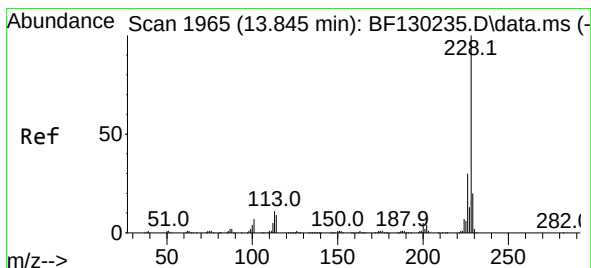
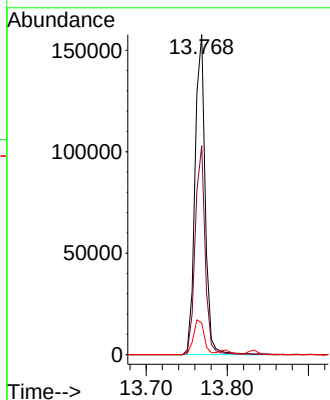
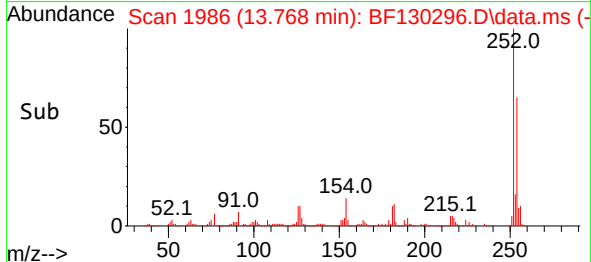
Instrument :
BNA_F
ClientSampleId :
HW-43MS



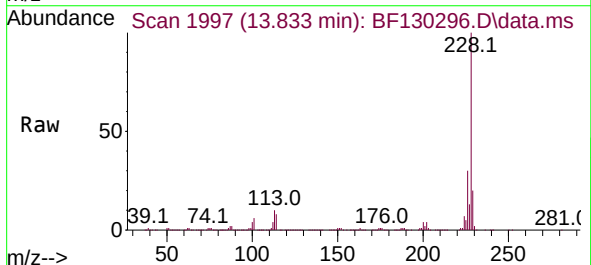
Tgt Ion:252 Resp: 136786
Ion Ratio Lower Upper
252 100
254 65.3 51.1 76.7
126 9.9 10.4 15.6

Manual Integrations
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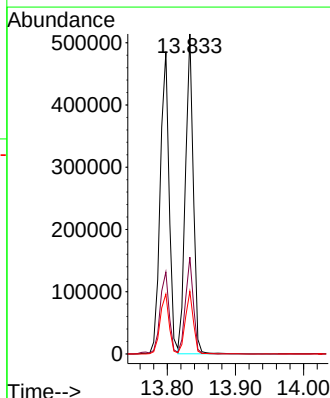
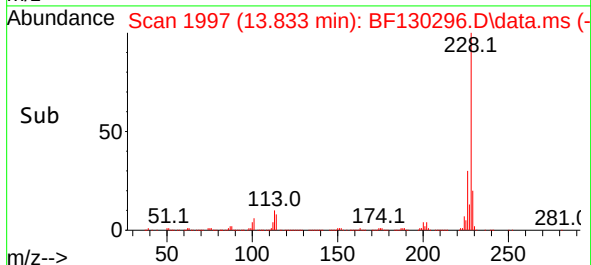
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

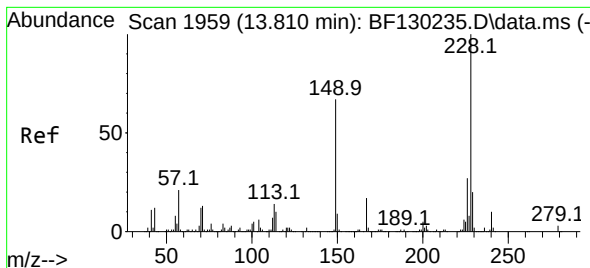


#83
Chrysene
Concen: 44.654 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



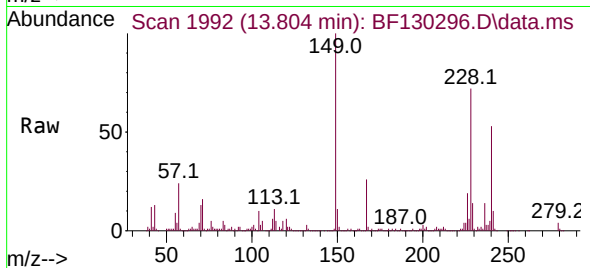
Tgt Ion:228 Resp: 413721
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 19.5 15.3 22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 48.097 ng
RT: 13.804 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

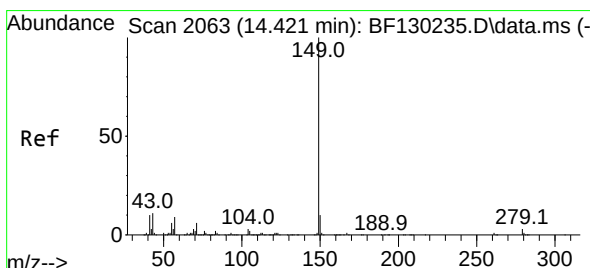
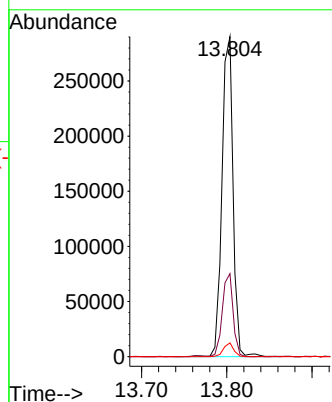
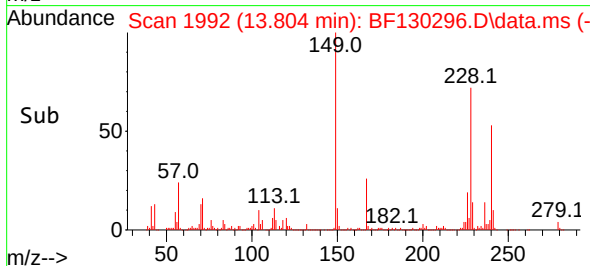
Instrument :
BNA_F
ClientSampleId :
HW-43MS



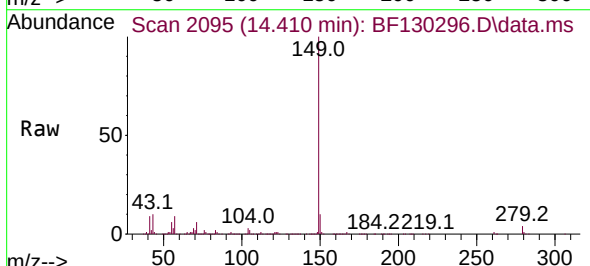
Tgt Ion:149 Resp: 261884
Ion Ratio Lower Upper
149 100
167 25.9 20.5 30.7
279 4.3 2.9 4.3

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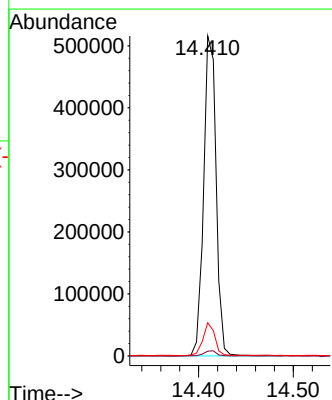
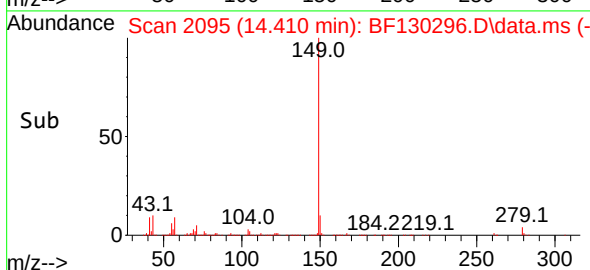
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

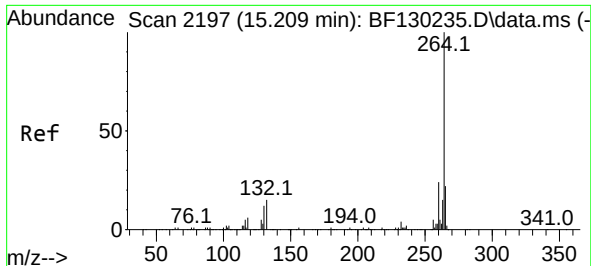


#85
Di-n-octyl phthalate
Concen: 56.741 ng
RT: 14.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



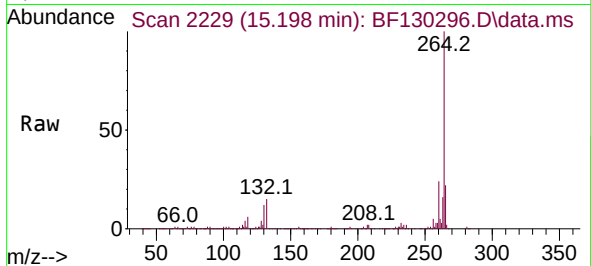
Tgt Ion:149 Resp: 472543
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

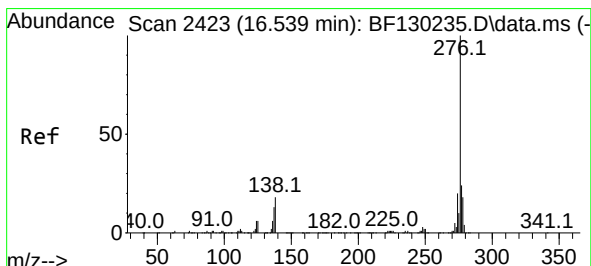
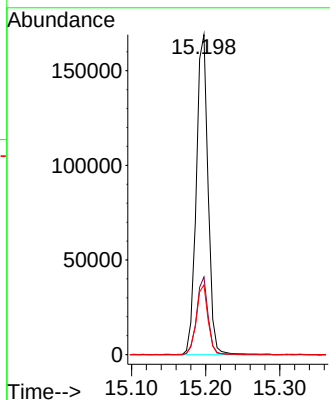
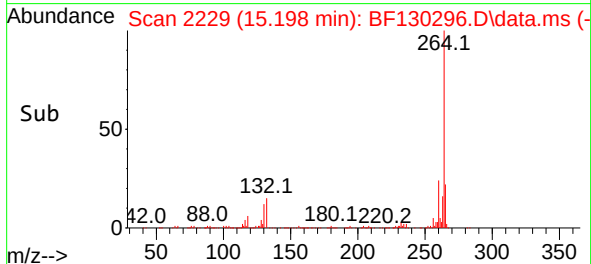
Instrument :
BNA_F
ClientSampleId :
HW-43MS



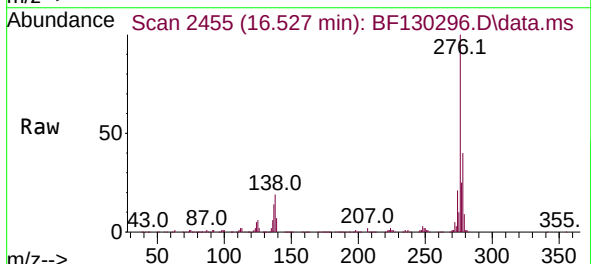
Tgt Ion:264 Resp: 186348
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.8 17.0 25.4

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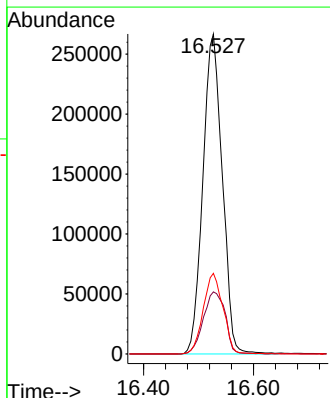
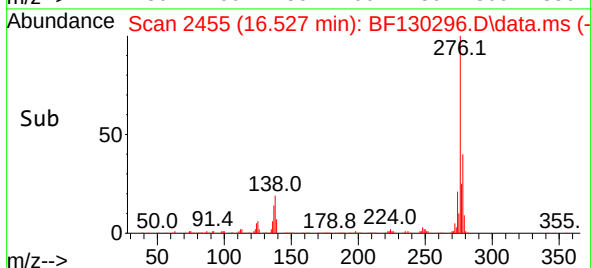
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

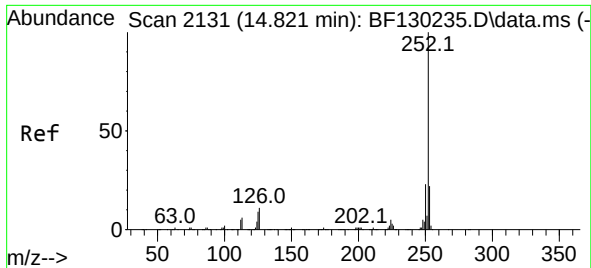


#87
Indeno(1,2,3-cd)pyrene
Concen: 49.414 ng
RT: 16.527 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



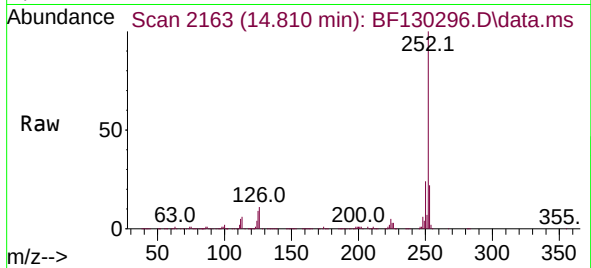
Tgt Ion:276 Resp: 652996
Ion Ratio Lower Upper
276 100
138 21.8 18.5 27.7
277 25.6 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 45.243 ng
RT: 14.810 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

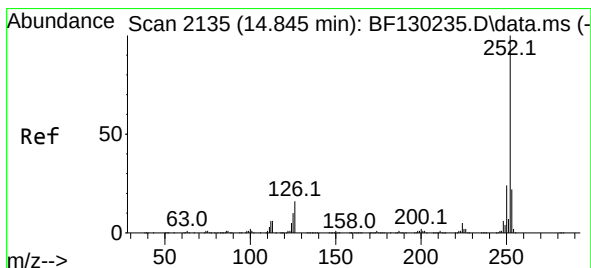
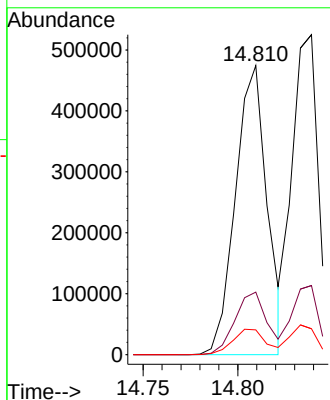
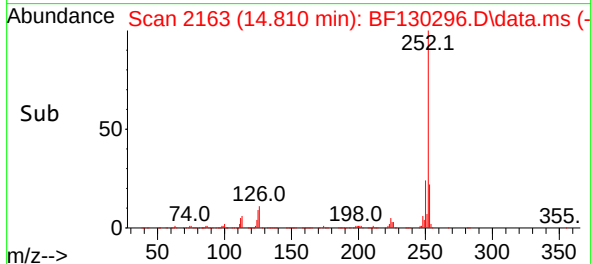
Instrument :
BNA_F
ClientSampleId :
HW-43MS



Tgt Ion:252 Resp: 550283
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.6 8.1 12.1

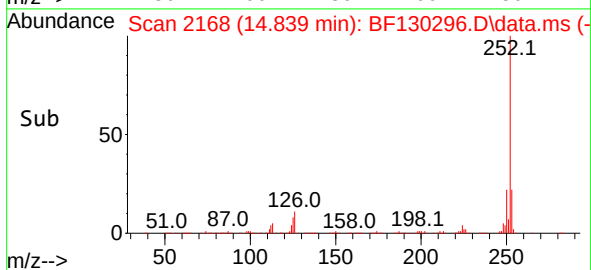
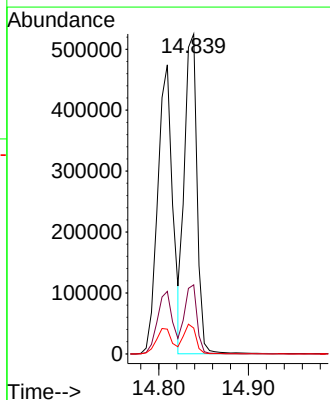
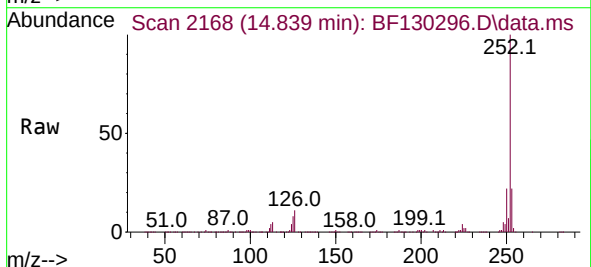
Manual Integrations
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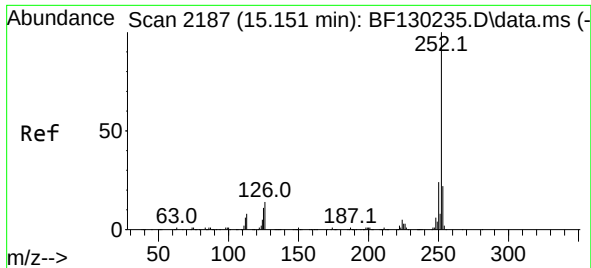
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#89
Benzo(k)fluoranthene
Concen: 42.915 ng
RT: 14.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

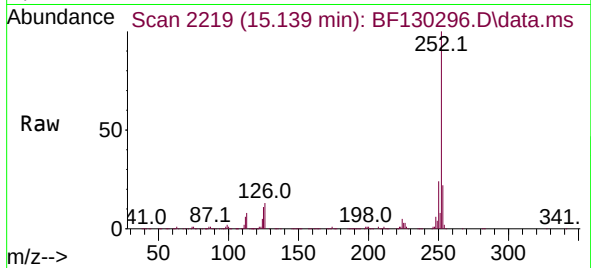
Tgt Ion:252 Resp: 513464
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 8.1 7.9 11.9





#90
Benzo(a)pyrene
Concen: 49.343 ng
RT: 15.139 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

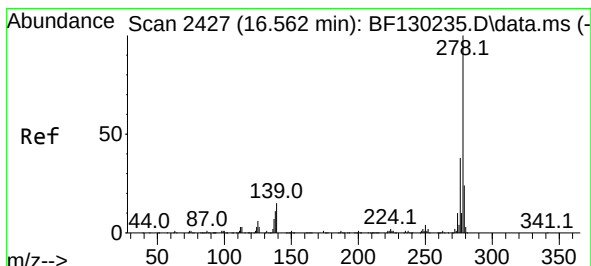
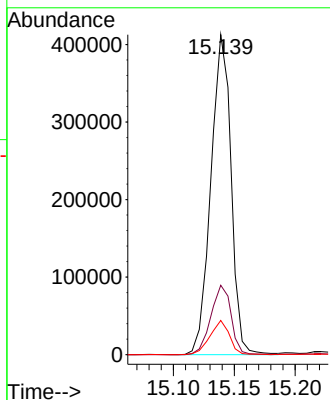
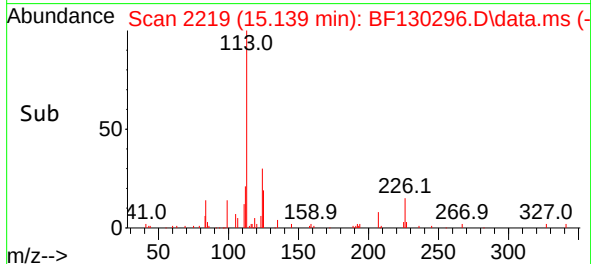
Instrument :
BNA_F
ClientSampleId :
HW-43MS



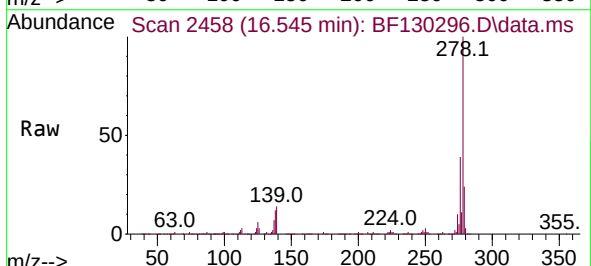
Tgt Ion:252 Resp: 475466
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.7 9.0 13.6

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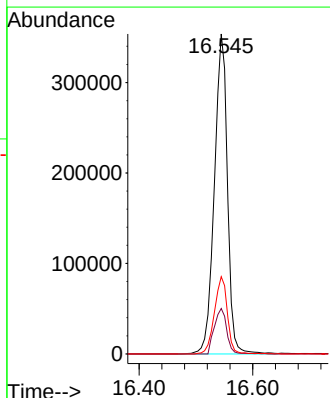
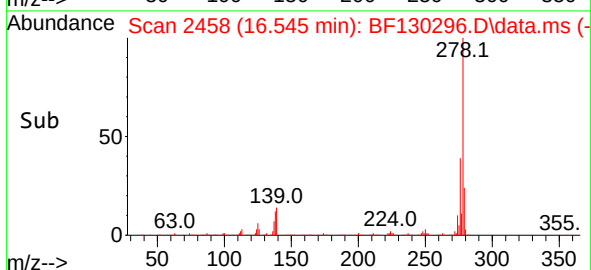
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

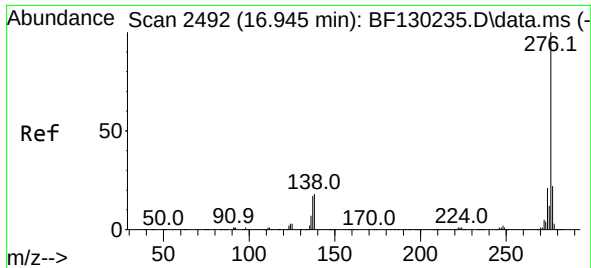


#91
Dibenzo(a,h)anthracene
Concen: 52.178 ng
RT: 16.545 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20



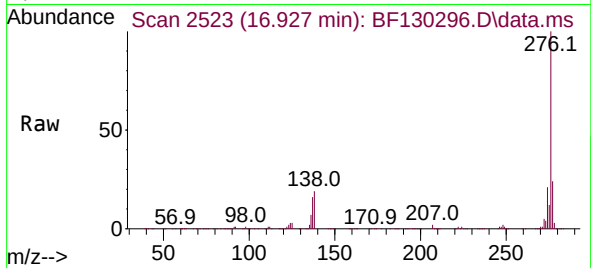
Tgt Ion:278 Resp: 565643
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.8
279 24.1 19.4 29.0





#92
Benzo(g,h,i)perylene
Concen: 51.217 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS



Tgt Ion: 276 Resp: 559314
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 19.0 14.6 21.8

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Reviewed By : Christian Giraldo 09/19/2022
Supervised By : Jagrut Upadhyay 09/19/2022

