

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130455.D
 Acq On : 28 Sep 2022 19:12
 Operator : CG\JU
 Sample : N4857-01MSD 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MSD

Quant Time: Sep 29 02:17:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	88378	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	297258	20.000	ng	# 0.00
39) Acenaphthene-d10	9.680	164	139330	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	259530	20.000	ng	0.00
76) Chrysene-d12	13.810	240	214376	20.000	ng	0.02
86) Perylene-d12	15.198	264	149562	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	299171	58.714	ng	0.00
7) Phenol-d6	6.287	99	338126	53.035	ng	0.00
23) Nitrobenzene-d5	7.210	82	195802	33.652	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	83872	62.823	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	340829	35.621	ng	0.00
79) Terphenyl-d14	12.751	244	447834	34.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.252	88	37340	15.956	ng	95
3) Pyridine	2.934	79	94834	15.535	ng	96
4) n-Nitrosodimethylamine	2.875	42	52871	15.924	ng	93
6) Aniline	6.304	93	116724	14.859	ng	# 55
8) 2-Chlorophenol	6.428	128	112830	19.439	ng	95
9) Benzaldehyde	6.192	77	65188	15.264	ng	94
10) Phenol	6.298	94	139737	18.703	ng	96
11) bis(2-Chloroethyl)ether	6.387	93	103210	19.152	ng	92
12) 1,3-Dichlorobenzene	6.587	146	126360	19.785	ng	95
13) 1,4-Dichlorobenzene	6.663	146	126368	19.403	ng	99
14) 1,2-Dichlorobenzene	6.816	146	119277	19.605	ng	97
15) Benzyl Alcohol	6.792	79	56572m	11.192	ng	
16) 2,2'-oxybis(1-Chloropr...	6.928	45	124676	15.862	ng	83
17) 2-Methylphenol	6.910	107	90811	19.246	ng	99
18) Hexachloroethane	7.157	117	43108	16.791	ng	91
19) n-Nitroso-di-n-propyla...	7.063	70	72891	16.943	ng	93
20) 3+4-Methylphenols	7.069	107	110950	18.101	ng	# 57
22) Acetophenone	7.057	105	159531	21.951	ng	# 87
24) Nitrobenzene	7.228	77	107709	18.231	ng	95
25) Isophorone	7.469	82	185597	19.791	ng	98
26) 2-Nitrophenol	7.545	139	51333	21.195	ng	93
27) 2,4-Dimethylphenol	7.592	122	84951	22.781	ng	98
28) bis(2-Chloroethoxy)met...	7.686	93	114091	21.606	ng	99
29) 2,4-Dichlorophenol	7.792	162	78063	19.103	ng	97
30) 1,2,4-Trichlorobenzene	7.869	180	87503	19.805	ng	95
31) Naphthalene	7.951	128	675839	44.131	ng	99
32) Benzoic acid	7.692	122	45792	15.879	ng	88
33) 4-Chloroaniline	8.004	127	92170	15.824	ng	97
34) Hexachlorobutadiene	8.069	225	57958	20.526	ng	99
35) Caprolactam	8.363	113	24577	20.979	ng	# 84
36) 4-Chloro-3-methylphenol	8.492	107	79062	17.455	ng	96
37) 2-Methylnaphthalene	8.639	142	420222	43.037	ng	99
38) 1-Methylnaphthalene	8.739	142	415293	44.274	ng	100
40) 1,2,4,5-Tetrachloroben...	8.804	216	78706	20.699	ng	98
41) Hexachlorocyclopentadiene	8.792	237	4241	2.083	ng	93
43) 2,4,6-Trichlorophenol	8.922	196	48395	18.237	ng	93

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Manual Integrations
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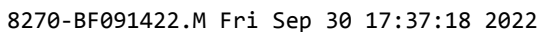
Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

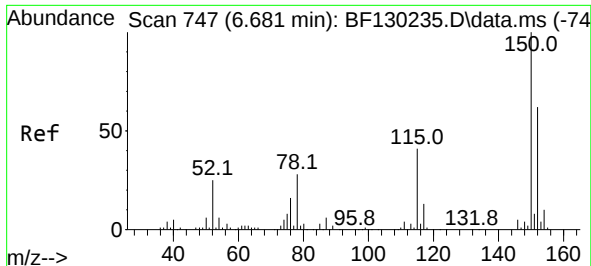
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	52783	18.432	ng	99
46) 1,1'-Biphenyl	9.104	154	242700	23.324	ng	99
47) 2-Chloronaphthalene	9.128	162	164439	19.535	ng	98
48) 2-Nitroaniline	9.228	65	50851	18.112	ng	96
49) Acenaphthylene	9.539	152	440268	34.884	ng	98
50) Dimethylphthalate	9.404	163	189245	19.663	ng	99
51) 2,6-Dinitrotoluene	9.469	165	39127	19.439	ng	96
52) Acenaphthene	9.716	154	426617m	51.447	ng	
53) 3-Nitroaniline	9.639	138	42527	18.961	ng	89
54) 2,4-Dinitrophenol	9.757	184	4649	10.179	ng	93
55) Dibenzofuran	9.886	168	436394	37.835	ng	95
56) 4-Nitrophenol	9.816	139	70426	43.111	ng	# 82
57) 2,4-Dinitrotoluene	9.875	165	55730	21.665	ng	# 95
58) Fluorene	10.227	166	632593	67.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	41153	18.360	ng	# 70
60) Diethylphthalate	10.104	149	187721	19.450	ng	100
61) 4-Chlorophenyl-phenyle...	10.222	204	84170	20.341	ng	99
62) 4-Nitroaniline	10.245	138	52069	23.110	ng	95
63) Azobenzene	10.380	77	165404	16.643	ng	# 68
65) 4,6-Dinitro-2-methylph...	10.286	198	4779	3.308	ng	# 65
66) n-Nitrosodiphenylamine	10.339	169	183910	21.206	ng	95
67) 4-Bromophenyl-phenylether	10.710	248	53257	18.602	ng	95
68) Hexachlorobenzene	10.774	284	63035	19.423	ng	96
69) Atrazine	10.874	200	53952	21.287	ng	95
70) Pentachlorophenol	10.974	266	62851	36.084	ng	97
71) Phenanthrene	11.198	178	3083332	211.606	ng	97
72) Anthracene	11.245	178	1265090	89.969	ng	99
73) Carbazole	11.398	167	422022	33.256	ng	100
74) Di-n-butylphthalate	11.733	149	314923	20.579	ng	97
75) Fluoranthene	12.392	202	4490614	318.936	ng	98
77) Benzidine	12.510	184	127631	20.509	ng	98
78) Pyrene	12.621	202	4225495	225.315	ng	97
80) Butylbenzylphthalate	13.227	149	150323	21.637	ng	94
81) Benzo(a)anthracene	13.798	228	2131812	149.482	ng	96
82) 3,3'-Dichlorobenzidine	13.768	252	96256	24.795	ng	99
83) Chrysene	13.839	228	1758293m	129.848	ng	
84) Bis(2-ethylhexyl)phtha...	13.786	149	255574	32.116	ng	# 99
85) Di-n-octyl phthalate	14.398	149	312657	25.687	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.539	276	792442m	74.716	ng	
88) Benzo(b)fluoranthene	14.815	252	1817693m	186.204	ng	
89) Benzo(k)fluoranthene	14.839	252	548714m	57.142	ng	
90) Benzo(a)pyrene	15.151	252	1242292	160.633	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	311291	35.778	ng	97
92) Benzo(g,h,i)perylene	16.945	276	708718	80.861	ng	98

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

Manual Integrations APPROVED

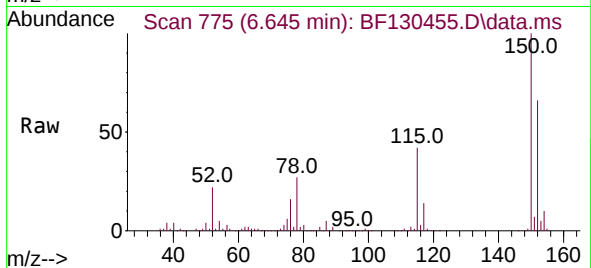
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

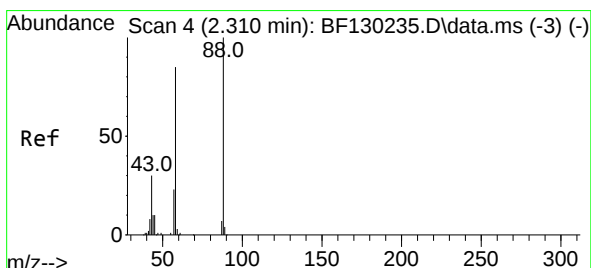
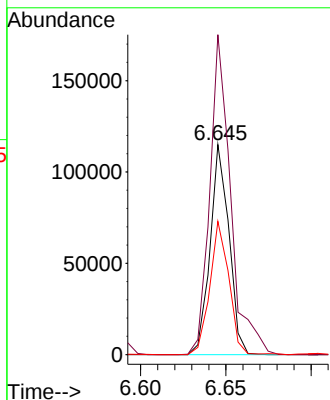
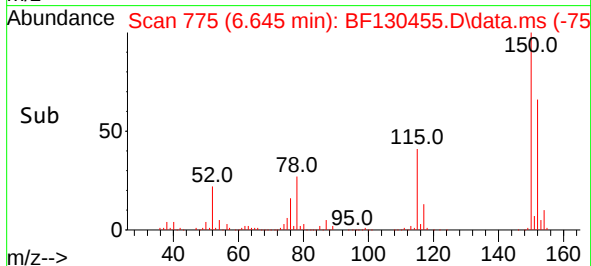
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MSD



Tgt Ion: 152 Resp: 88378
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.8 184.2
 115 63.4 53.8 80.8

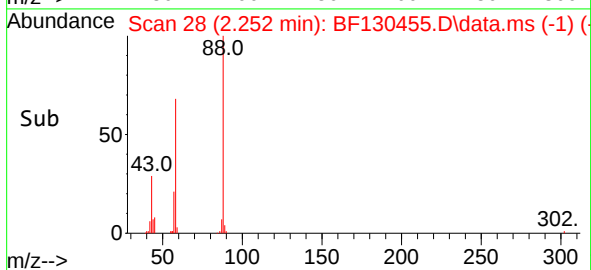
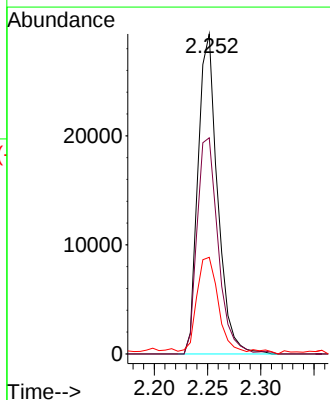
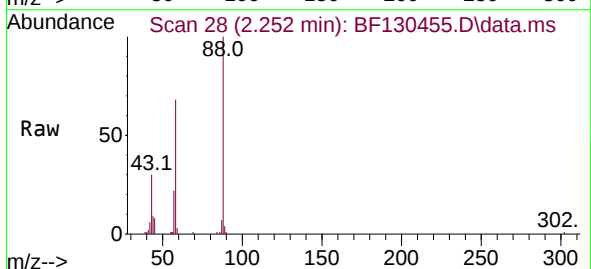
Manual Integrations
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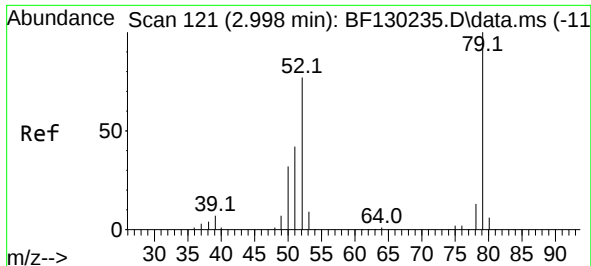
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#2
 1,4-Dioxane
 Concen: 15.956 ng
 RT: 2.252 min Scan# 28
 Delta R.T. -0.012 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

Tgt Ion: 88 Resp: 37340
 Ion Ratio Lower Upper
 88 100
 58 73.0 61.3 91.9
 43 31.6 23.0 34.6





#3

Pyridine

Concen: 15.535 ng

RT: 2.934 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

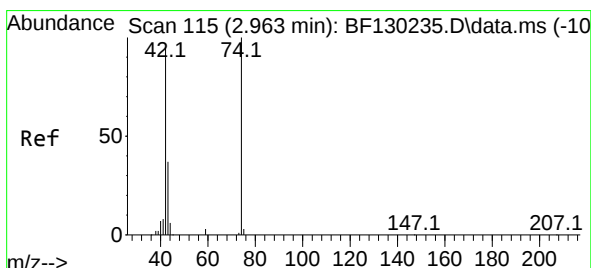
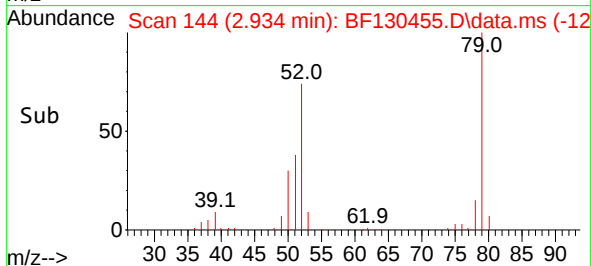
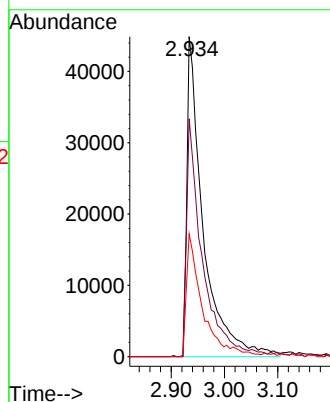
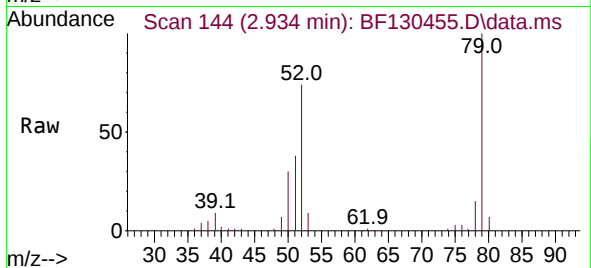
Tgt Ion: 79	Resp: 94834
Ion Ratio	Lower Upper
79 100	
52 74.3	62.4 93.6
51 38.4	32.2 48.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/29/2022



#4

n-Nitrosodimethylamine

Concen: 15.924 ng

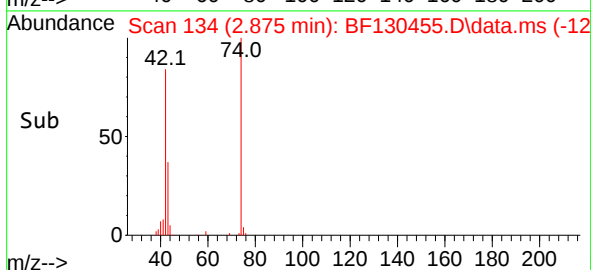
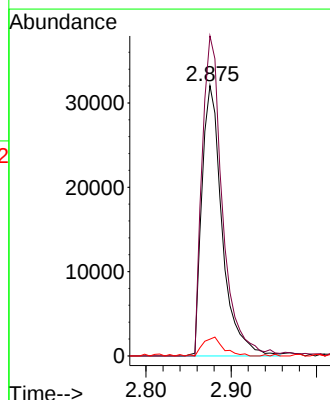
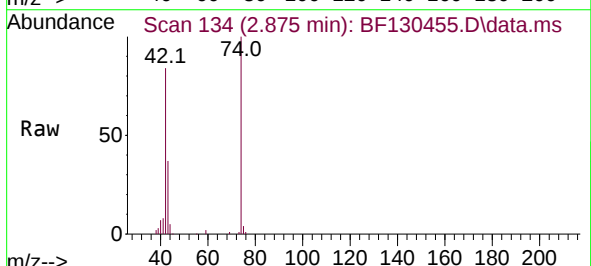
RT: 2.875 min Scan# 134

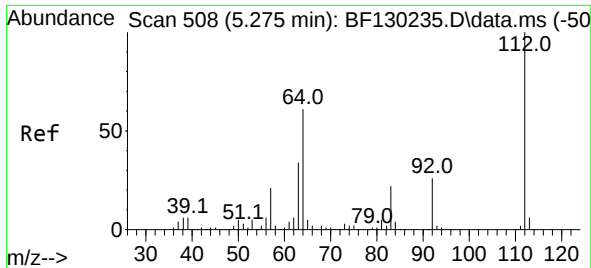
Delta R.T. -0.029 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

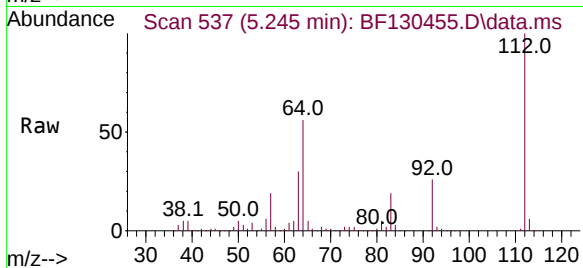
Tgt Ion: 42	Resp: 52871
Ion Ratio	Lower Upper
42 100	
74 118.4	88.4 132.6
44 6.2	5.0 7.4





#5
2-Fluorophenol
Concen: 58.714 ng
RT: 5.245 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

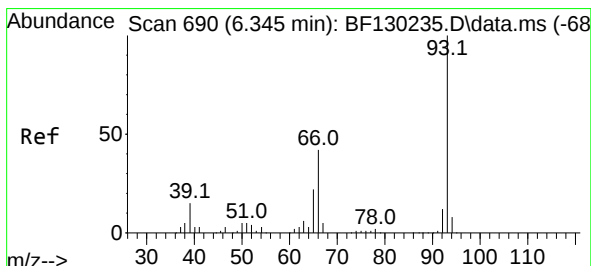
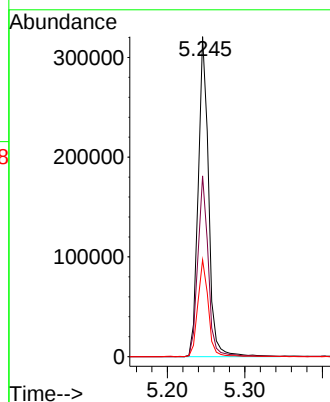
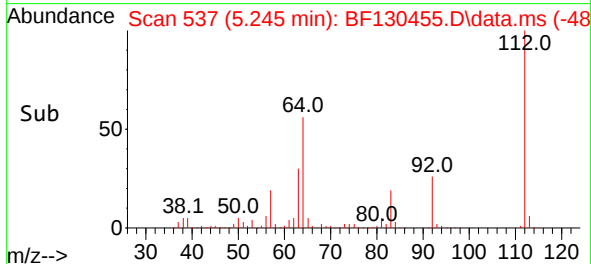
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ClientSampleId :
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Tgt Ion:112 Resp: 29917
Ion Ratio Lower Upper
112 100
64 56.5 51.4 77.0
63 30.2 28.8 43.2

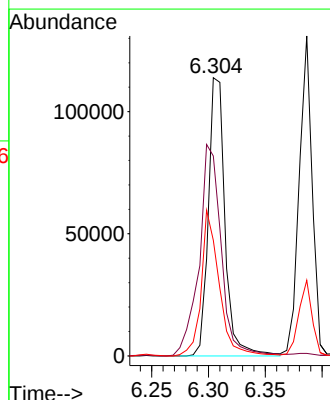
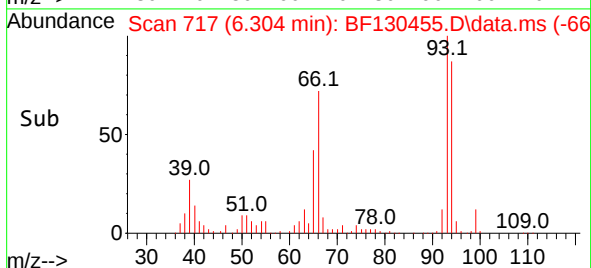
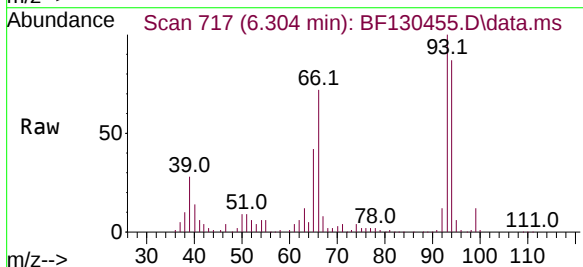
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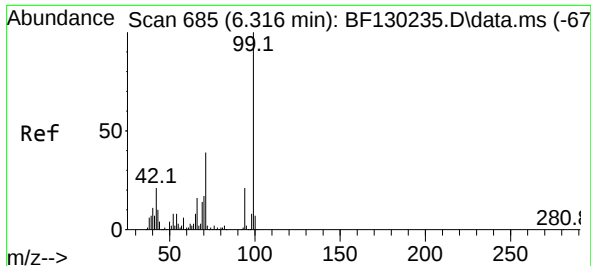
Reviewed By :Christian Giraldo 09/29/2022
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#6
Aniline
Concen: 14.859 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

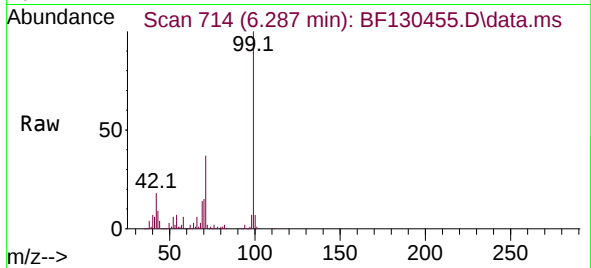
Tgt Ion: 93 Resp: 116724
Ion Ratio Lower Upper
93 100
66 71.9 34.2 51.4#
65 41.6 16.6 24.8#





#7
Phenol-d6
Concen: 53.035 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

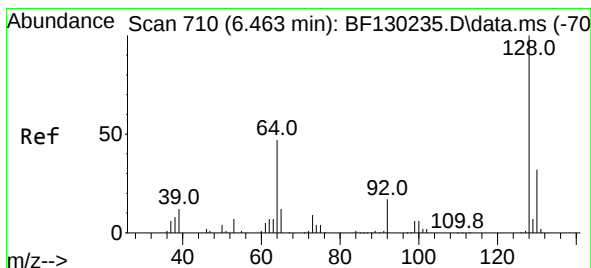
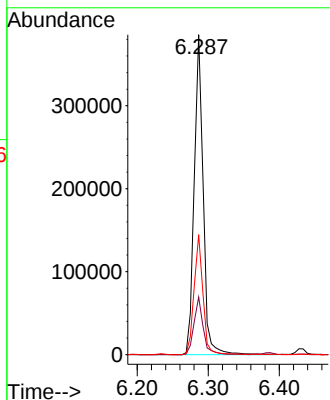
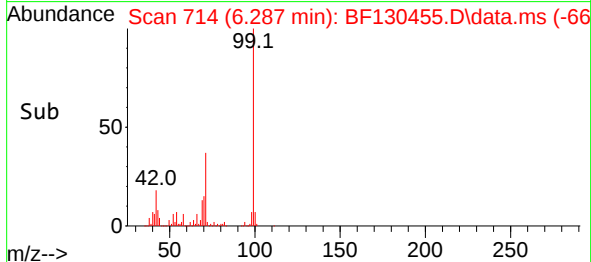
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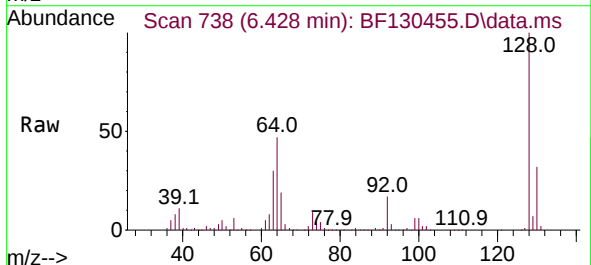
Tgt Ion: 99 Resp: 338126
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.5 32.3 48.5

Manual Integrations
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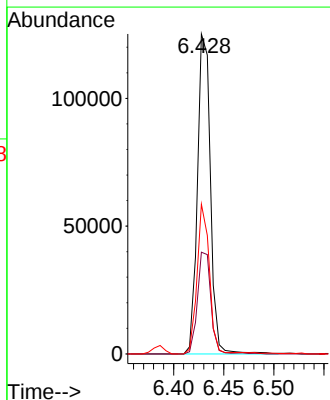
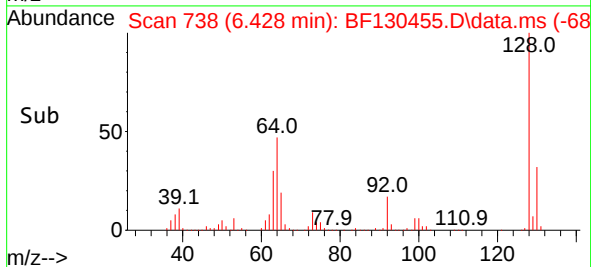
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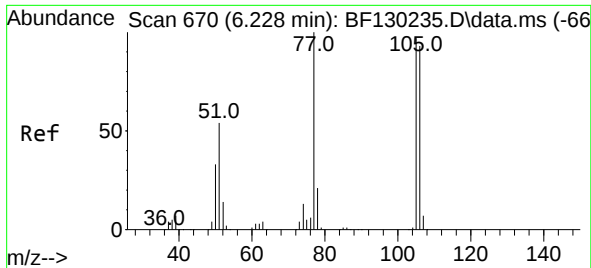


#8
2-Chlorophenol
Concen: 19.439 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



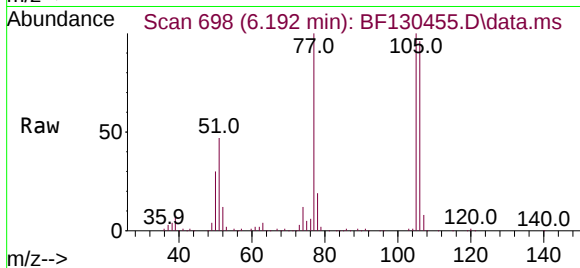
Tgt Ion:128 Resp: 112830
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 46.8 31.6 71.6





#9
Benzaldehyde
Concen: 15.264 ng
RT: 6.192 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

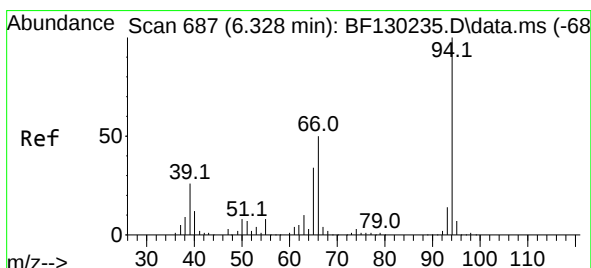
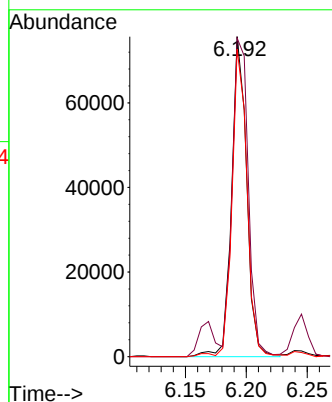
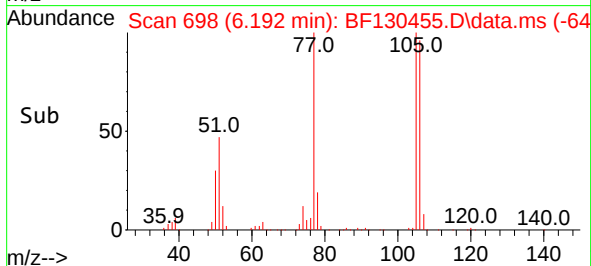
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion: 77 Resp: 65188
Ion Ratio Lower Upper
77 100
105 99.5 75.1 115.1
106 96.1 69.7 109.7

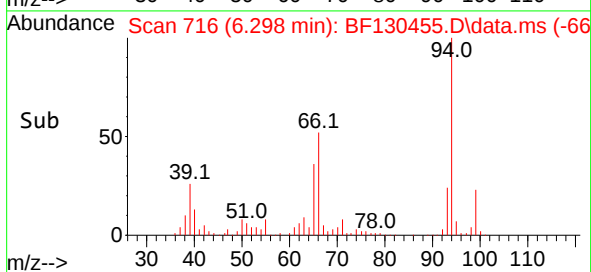
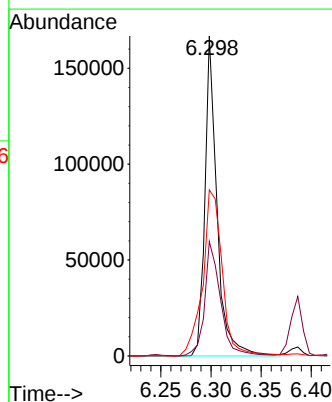
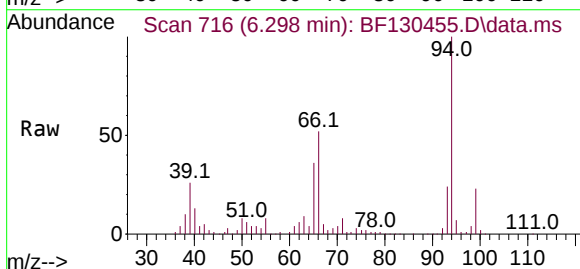
Manual Integrations
APPROVED

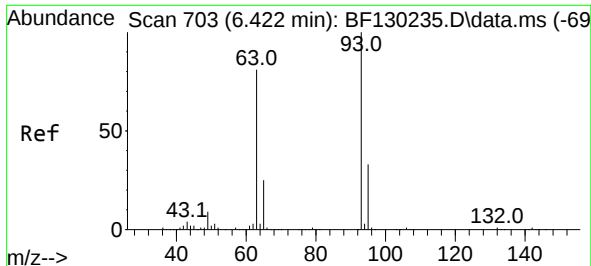
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#10
Phenol
Concen: 18.703 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion: 94 Resp: 139737
Ion Ratio Lower Upper
94 100
65 35.7 14.1 54.1
66 51.9 28.1 68.1





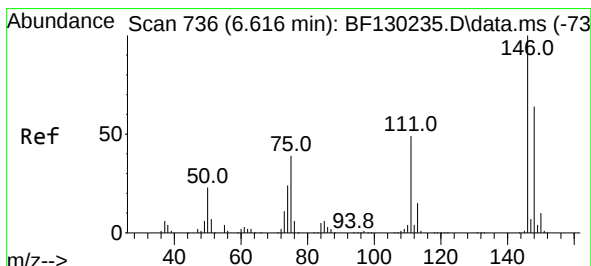
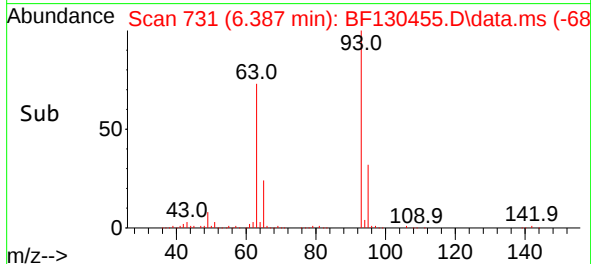
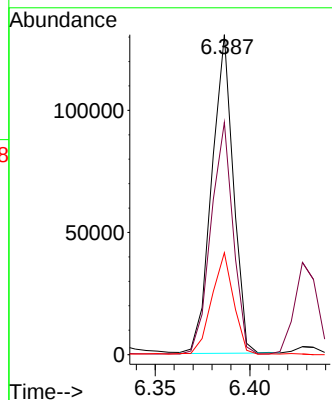
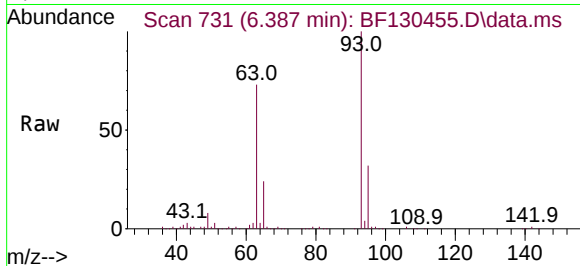
#11
bis(2-Chloroethyl)ether
Concen: 19.152 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Tgt Ion: 93 Resp: 103210
Ion Ratio Lower Upper
93 100
63 72.6 62.5 102.5
95 31.8 12.5 52.5

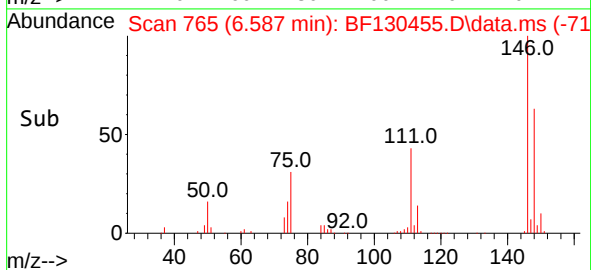
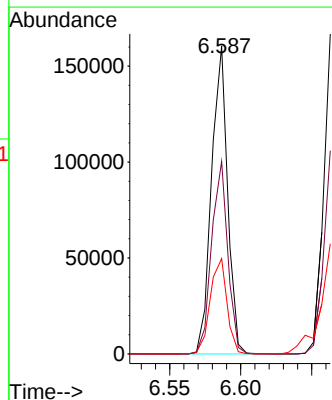
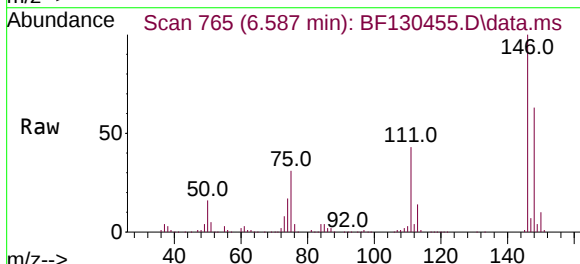
Manual Integrations
APPROVED

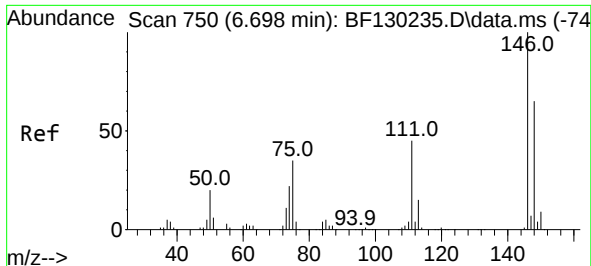
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#12
1,3-Dichlorobenzene
Concen: 19.785 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:146 Resp: 126360
Ion Ratio Lower Upper
146 100
148 62.5 51.4 77.2
75 30.9 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 19.403 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

Tgt Ion:146 Resp: 126368

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

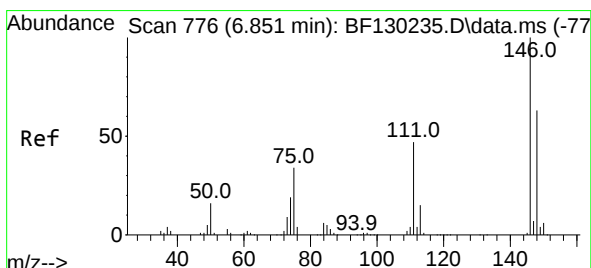
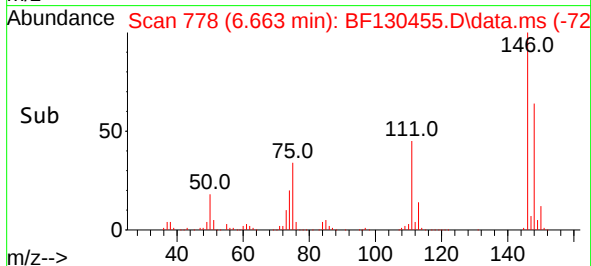
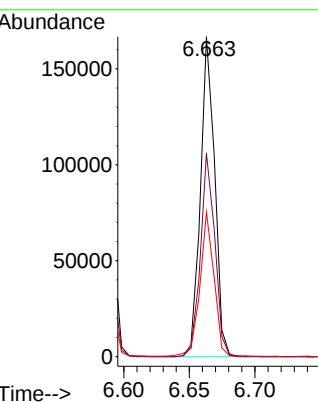
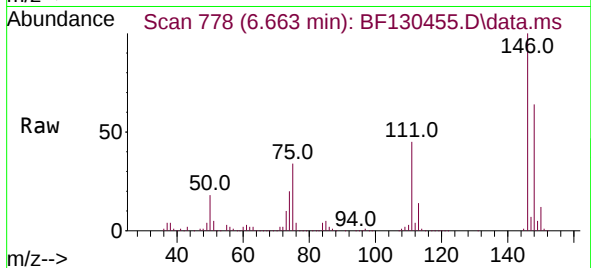
111 45.2 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#14

1,2-Dichlorobenzene

Concen: 19.605 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

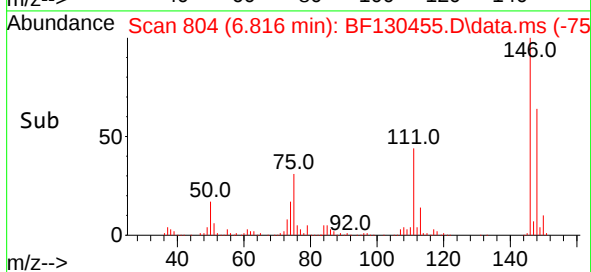
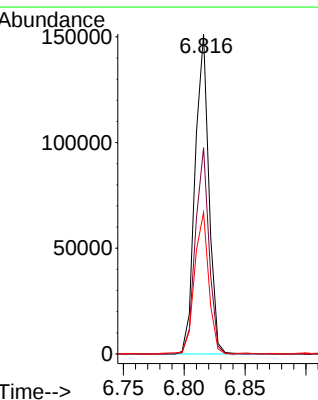
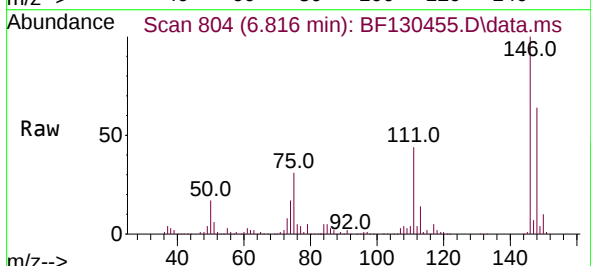
Tgt Ion:146 Resp: 119277

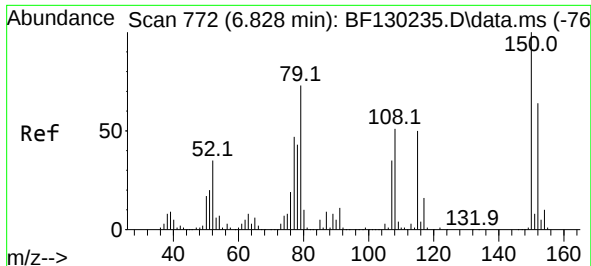
Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

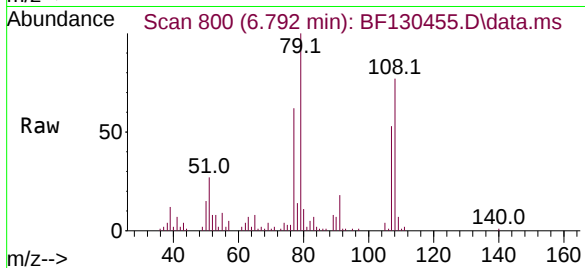
111 44.2 39.2 58.8





#15
Benzyl Alcohol
Concen: 11.192 ng m
RT: 6.792 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

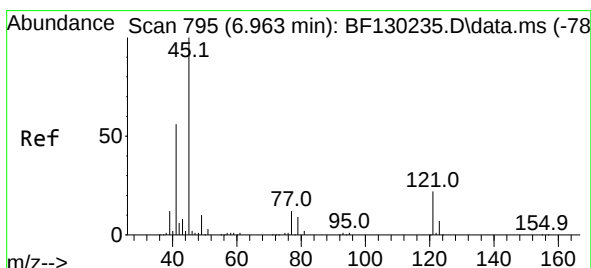
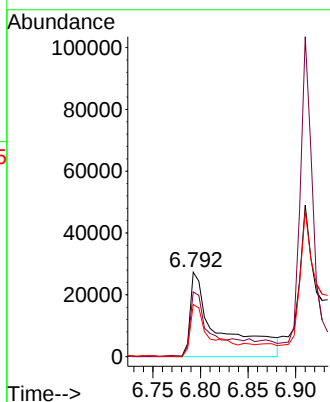
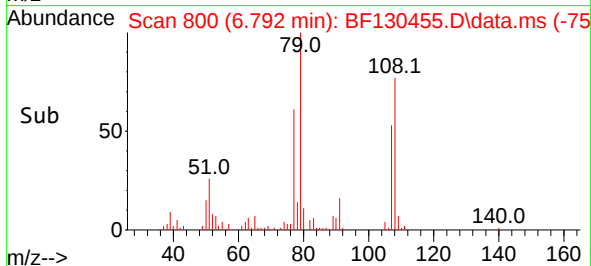
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion: 79 Resp: 56572
Ion Ratio Lower Upper
79 100
108 76.7 54.0 81.0
77 61.7 51.3 76.9

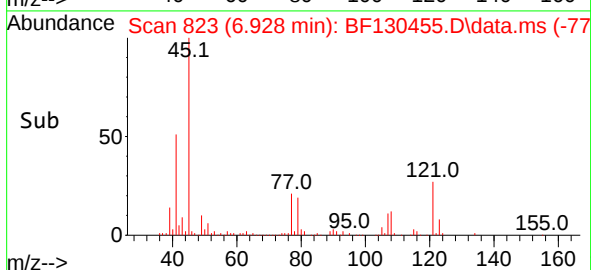
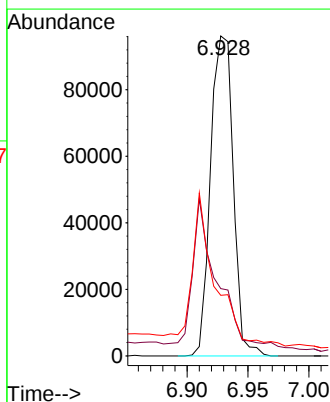
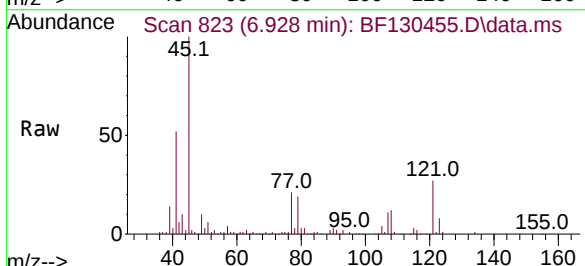
Manual Integrations
APPROVED

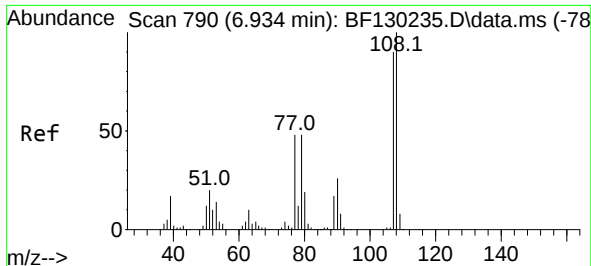
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.862 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

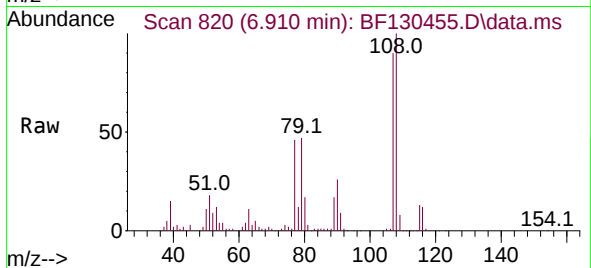
Tgt Ion: 45 Resp: 124676
Ion Ratio Lower Upper
45 100
77 21.0 0.0 34.9
79 18.9 0.0 31.0





#17
2-Methylphenol
Concen: 19.246 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

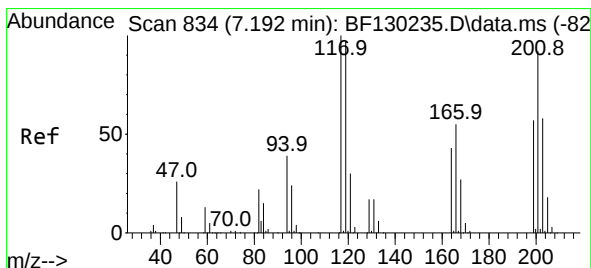
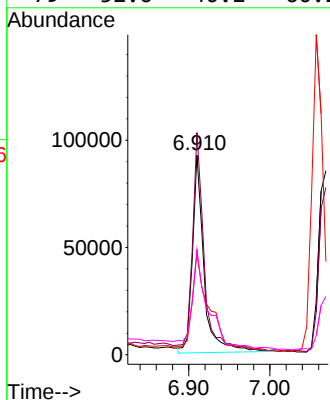
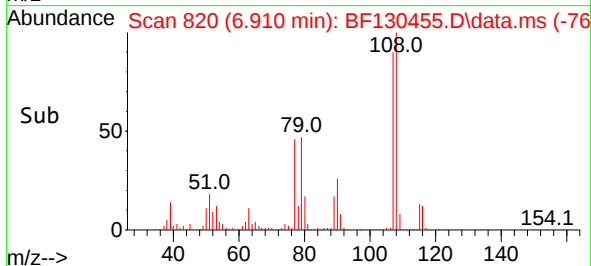


Tgt Ion:107 Resp: 9081

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.4	134.0
77	50.8	40.6	60.8
79	52.6	40.2	60.2

Manual Integrations
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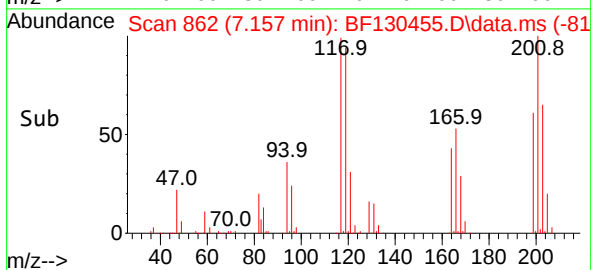
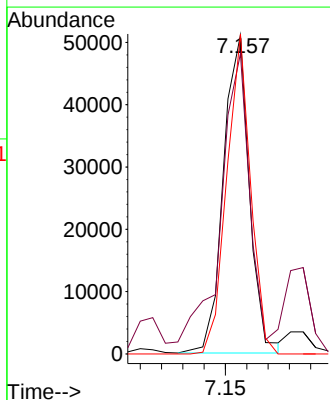
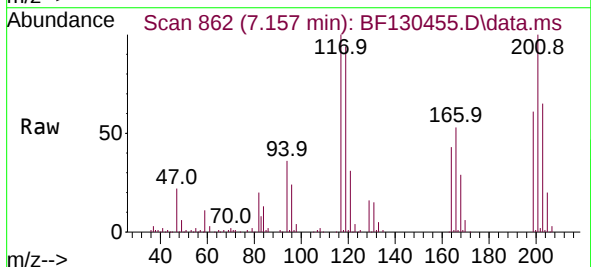
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

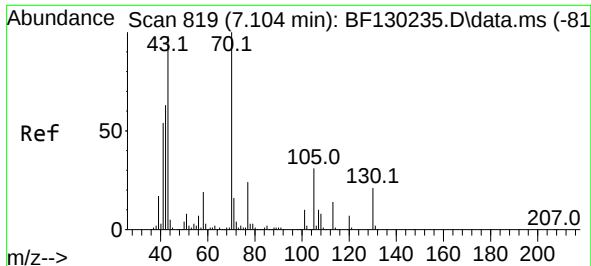


#18
Hexachloroethane
Concen: 16.791 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:117 Resp: 43108

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.8	116.6
201	100.4	68.7	103.1





#19

n-Nitroso-di-n-propylamine

Concen: 16.943 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF130455.D

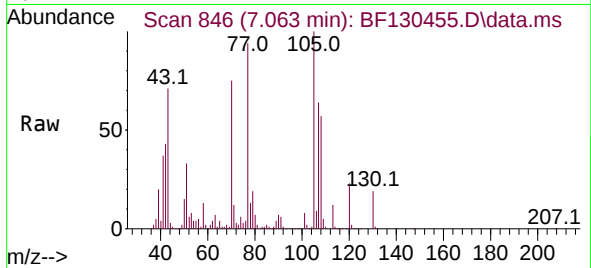
Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD



Tgt Ion: 70 Resp: 7289

Ion Ratio Lower Upper

70 100

42 57.2 50.8 76.2

101 10.8 8.2 12.4

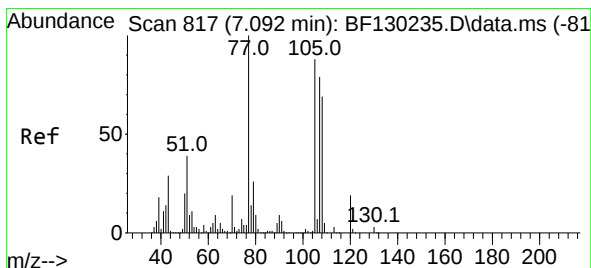
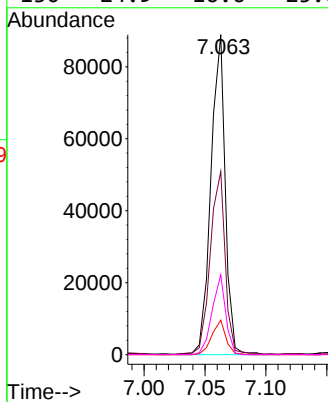
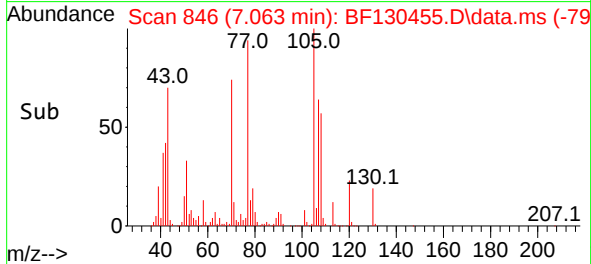
130 24.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#20

3+4-Methylphenols

Concen: 18.101 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Tgt Ion:107 Resp: 110950

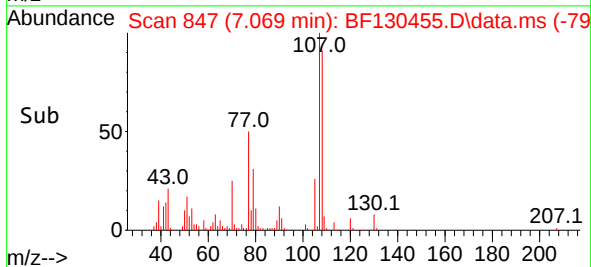
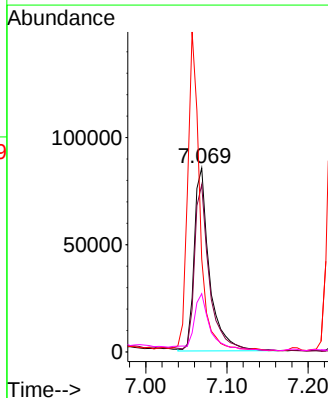
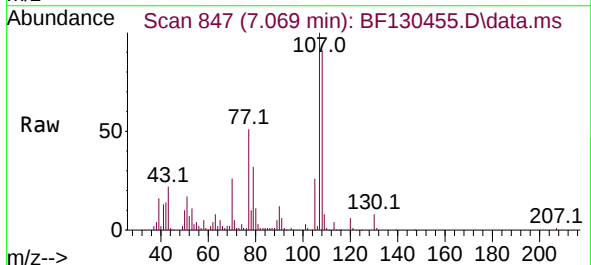
Ion Ratio Lower Upper

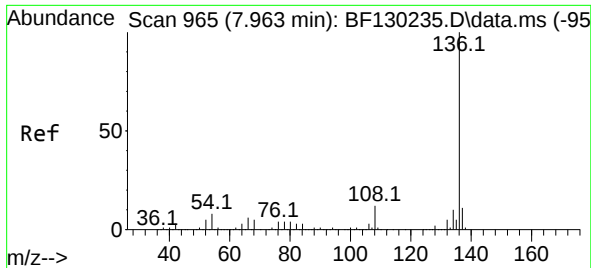
107 100

108 90.8 74.8 114.8

77 50.5 125.8 165.8#

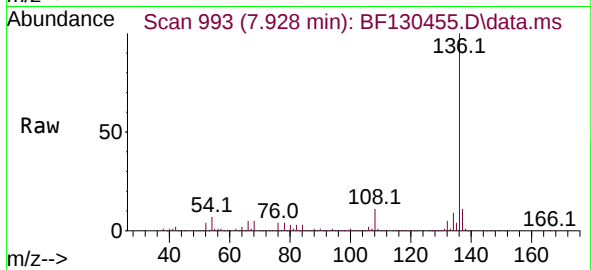
79 31.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

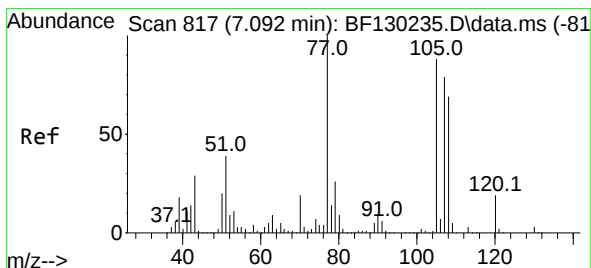
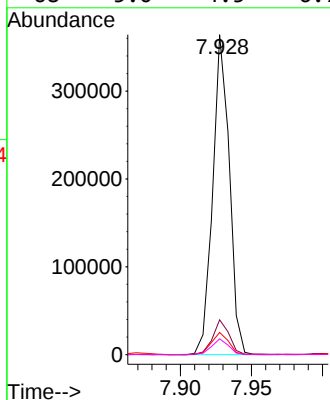
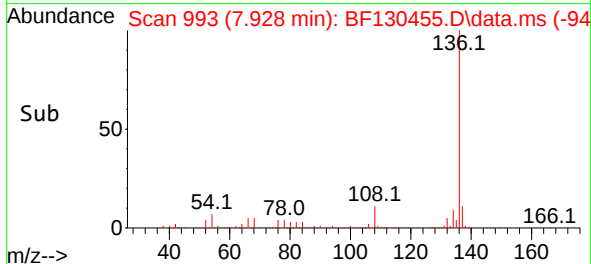
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:136 Resp: 297258
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.0 7.1 10.7
68 5.0 4.5 6.7

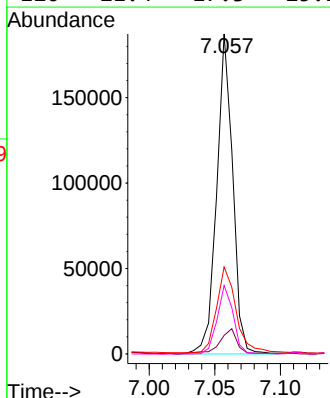
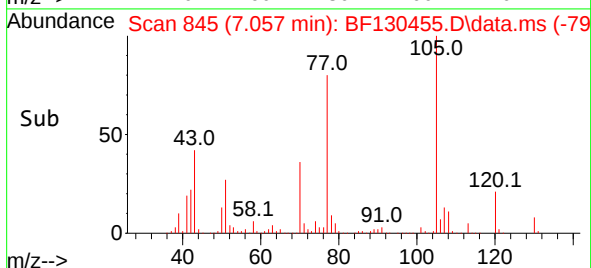
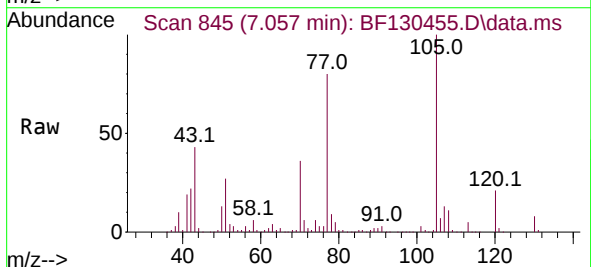
Manual Integrations
APPROVED

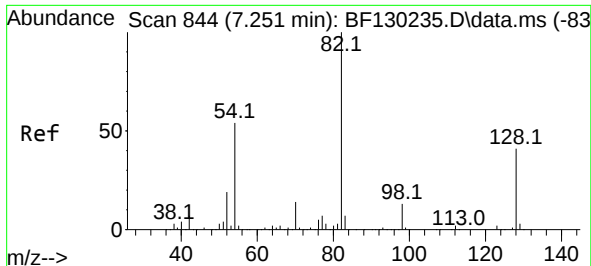
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#22
Acetophenone
Concen: 21.951 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

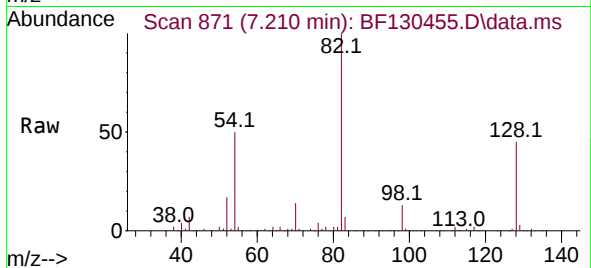
Tgt Ion:105 Resp: 159531
Ion Ratio Lower Upper
105 100
71 5.8 3.9 5.9
51 27.2 32.2 48.2
120 21.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 33.652 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

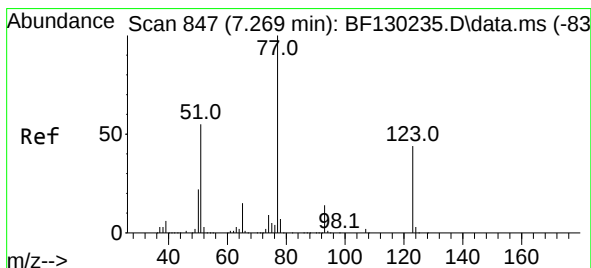
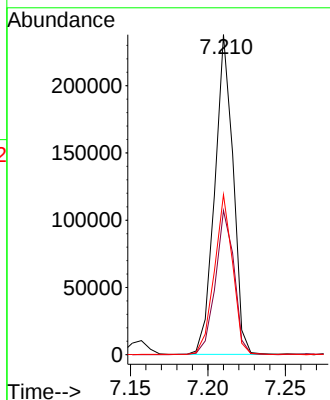
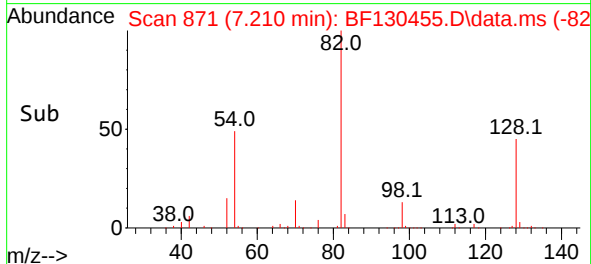
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion: 82 Resp: 195802
Ion Ratio Lower Upper
82 100
128 45.0 32.6 49.0
54 50.0 43.8 65.6

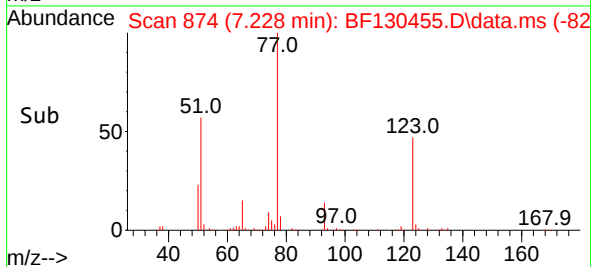
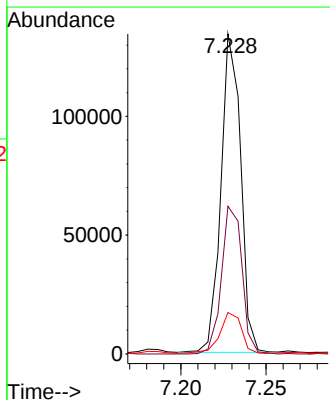
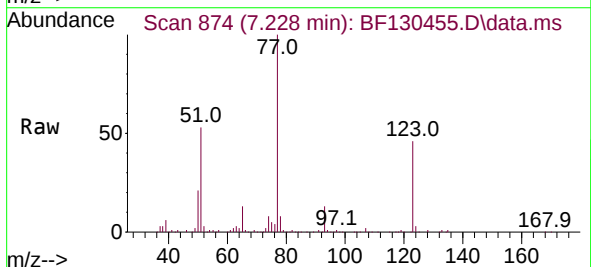
Manual Integrations
APPROVED

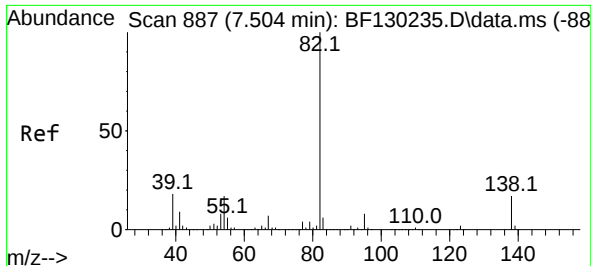
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#24
Nitrobenzene
Concen: 18.231 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion: 77 Resp: 107709
Ion Ratio Lower Upper
77 100
123 46.1 34.3 51.5
65 12.9 12.0 18.0





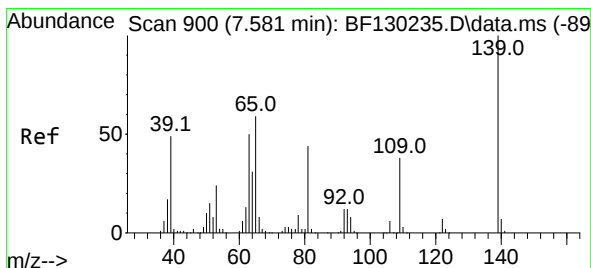
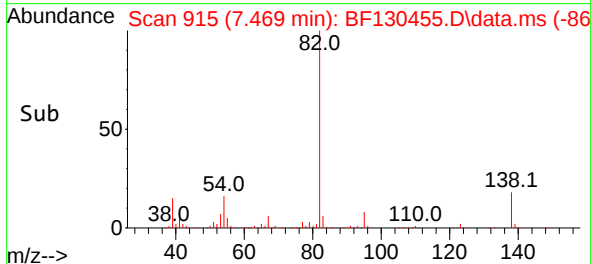
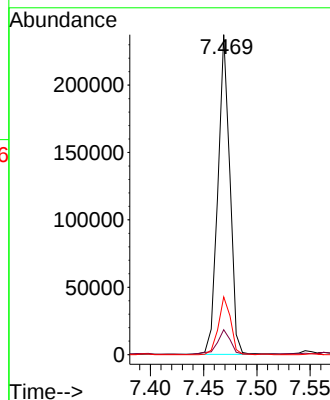
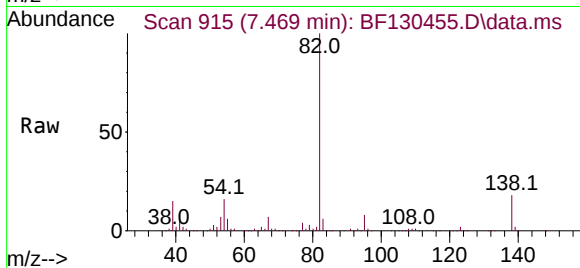
#25
Isophorone
Concen: 19.791 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Tgt Ion: 82 Resp: 185592
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.0 13.8 20.6

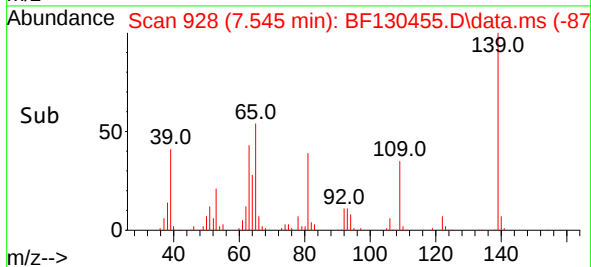
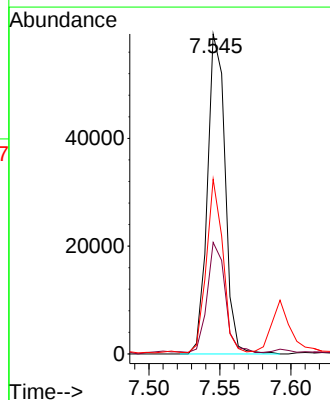
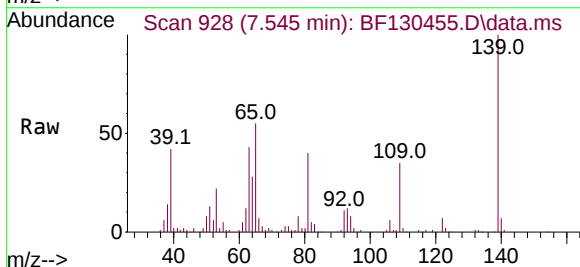
Manual Integrations
APPROVED

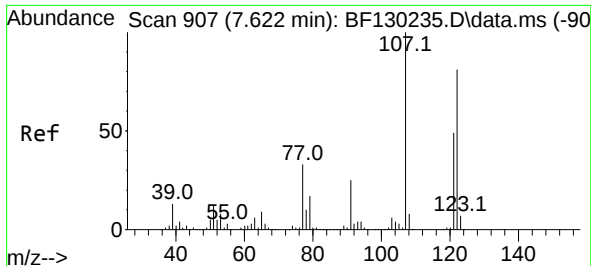
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#26
2-Nitrophenol
Concen: 21.195 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:139 Resp: 51333
Ion Ratio Lower Upper
139 100
109 34.8 30.2 45.4
65 54.6 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 22.781 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

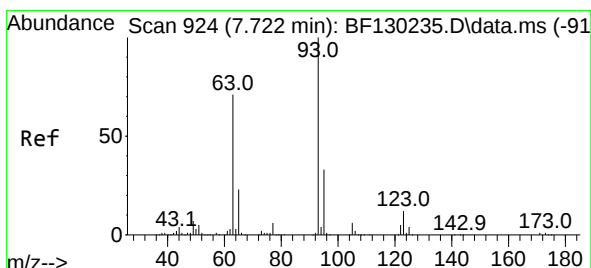
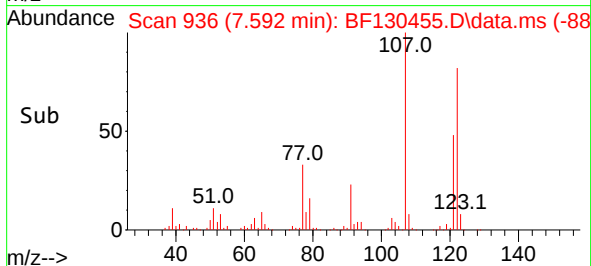
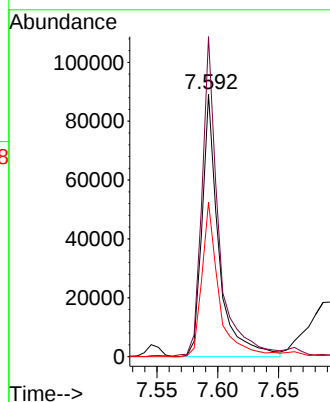
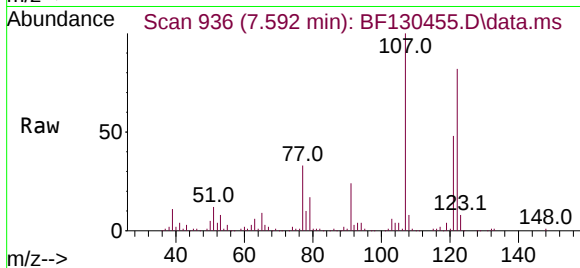
OR-02-092722MSD

Tgt Ion:122 Resp: 84951
 Ion Ratio Lower Upper
 122 100
 107 121.9 100.2 150.2
 121 58.9 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 21.606 ng

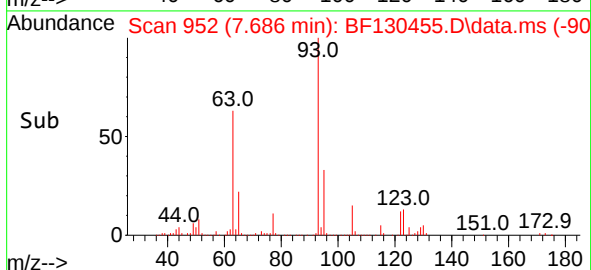
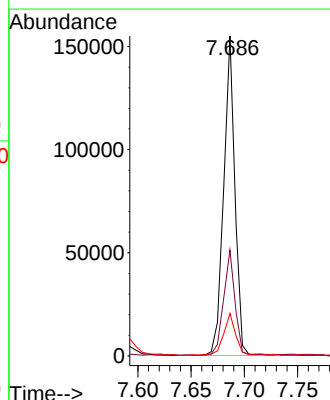
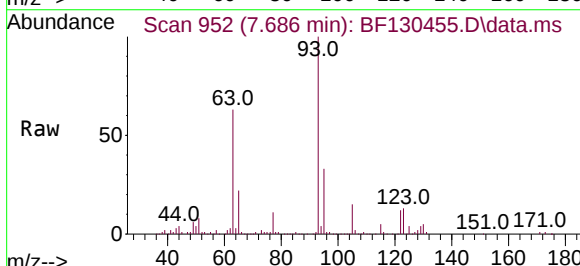
RT: 7.686 min Scan# 952

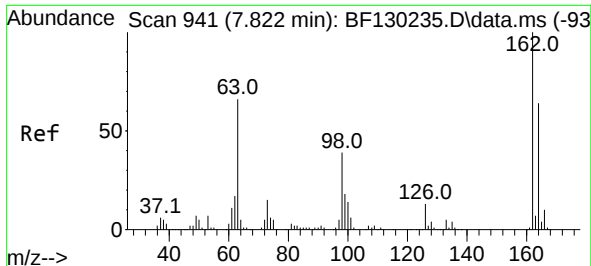
Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Tgt Ion: 93 Resp: 114091
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 13.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 19.103 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

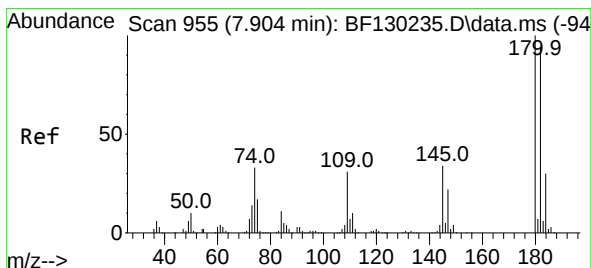
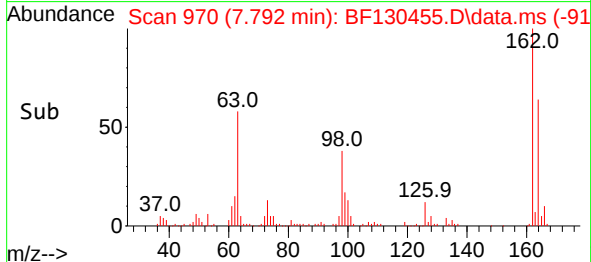
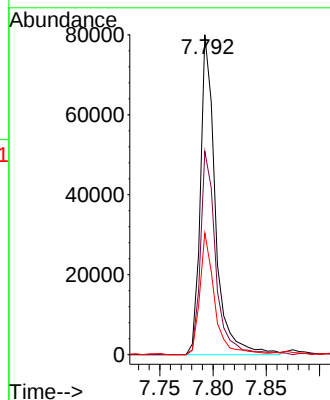
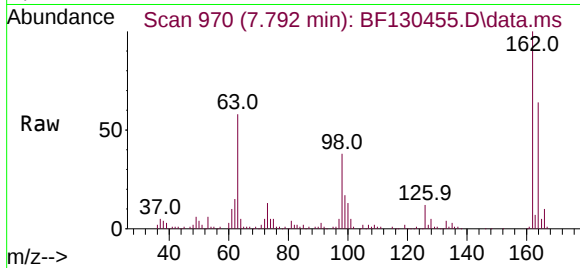
OR-02-092722MSD

Tgt Ion:	162	Resp:	78063
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.2	82.2
98	38.0	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 19.805 ng

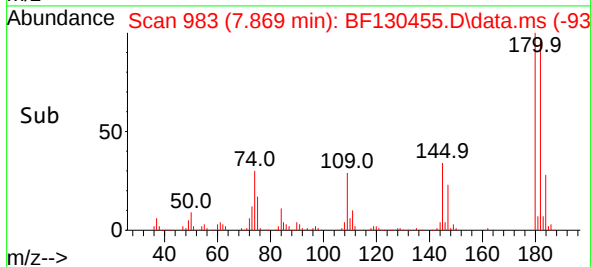
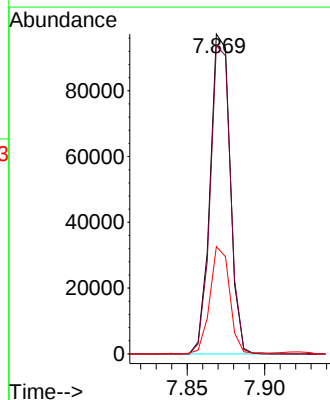
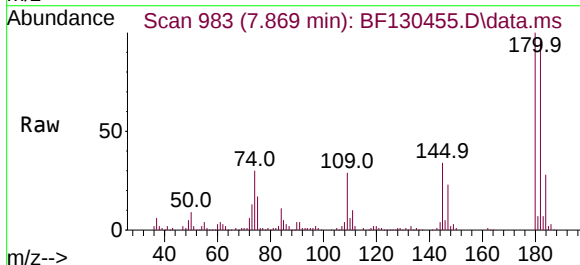
RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

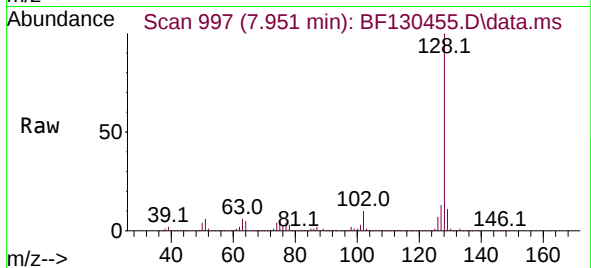
Tgt Ion:	180	Resp:	87503
Ion Ratio	Lower	Upper	
180	100		
182	96.4	73.3	109.9
145	33.5	28.3	42.5





#31
Naphthalene
Concen: 44.131 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

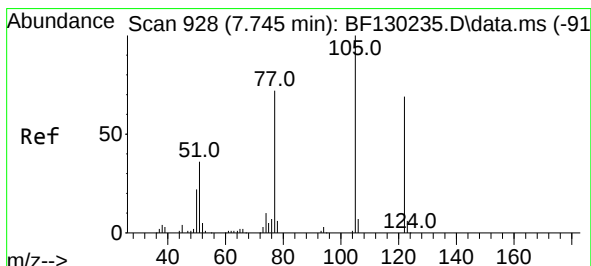
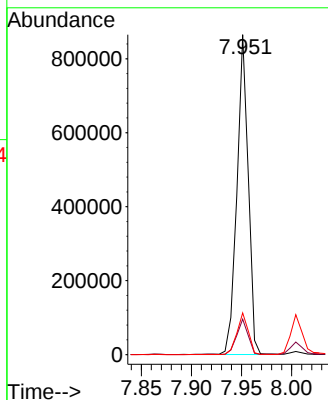
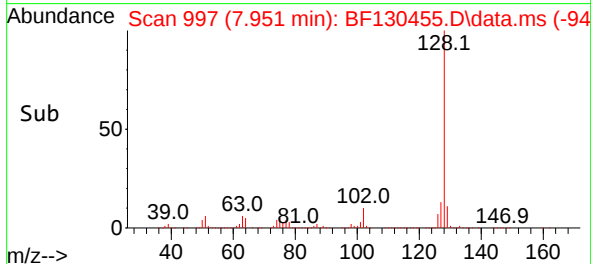
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:128 Resp: 675839
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0

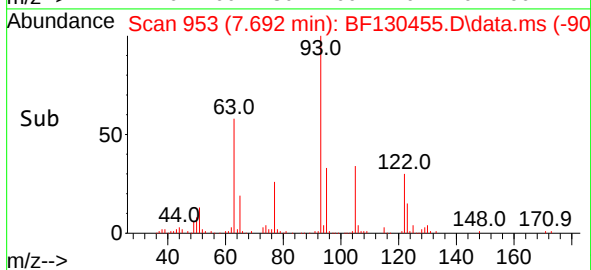
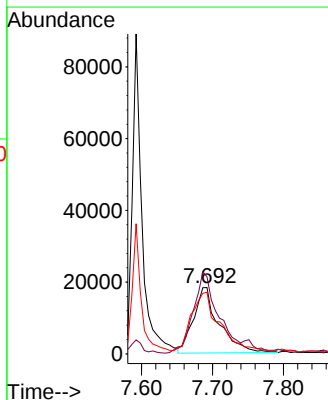
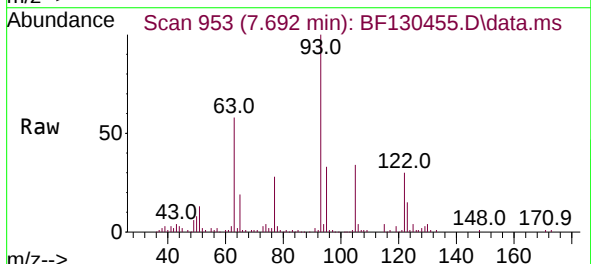
Manual Integrations
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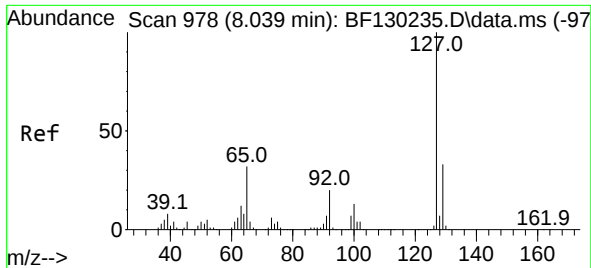
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#32
Benzoic acid
Concen: 15.879 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.041 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:122 Resp: 45792
Ion Ratio Lower Upper
122 100
105 116.0 112.9 152.9
77 93.0 82.8 122.8





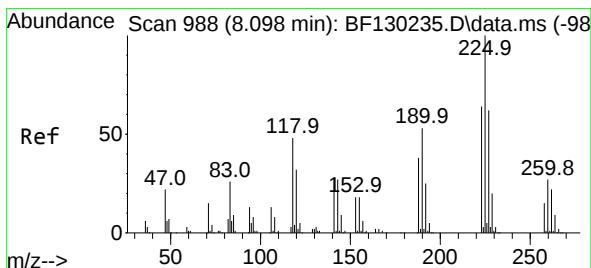
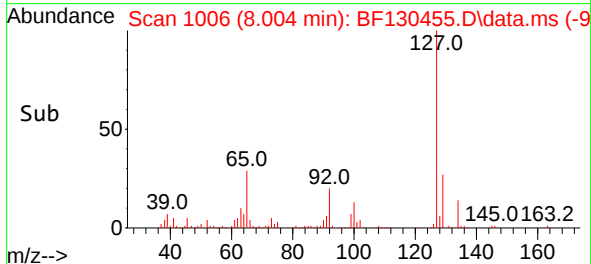
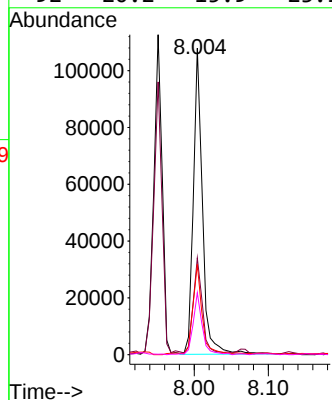
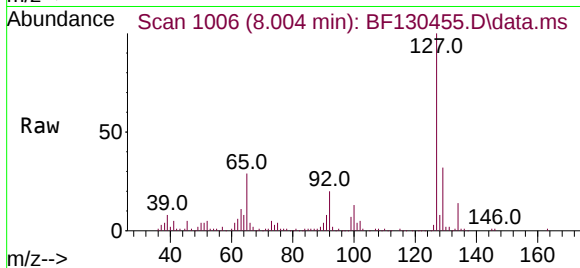
#33
4-Chloroaniline
Concen: 15.824 ng
RT: 8.004 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.6	38.4
65	29.4	27.0	40.6
92	20.2	15.9	23.9

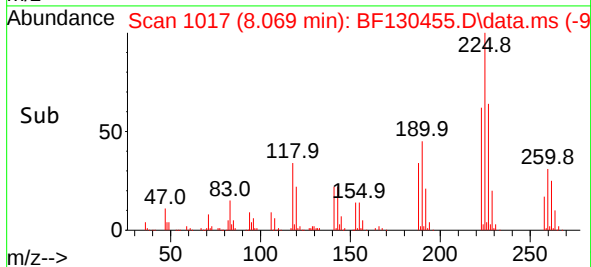
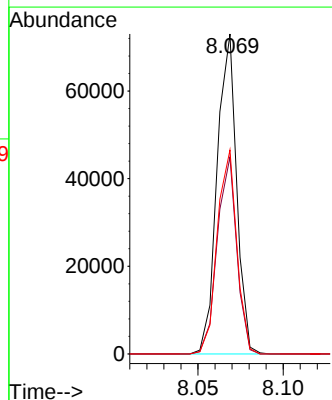
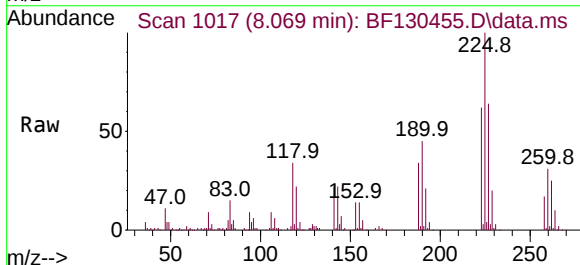
Manual Integrations
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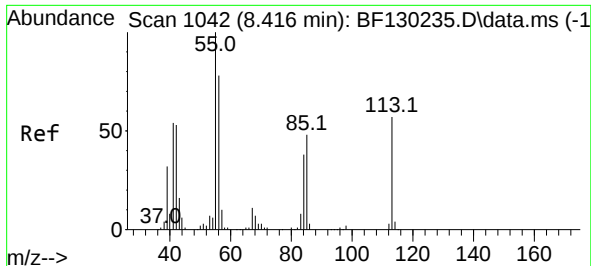
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 20.526 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

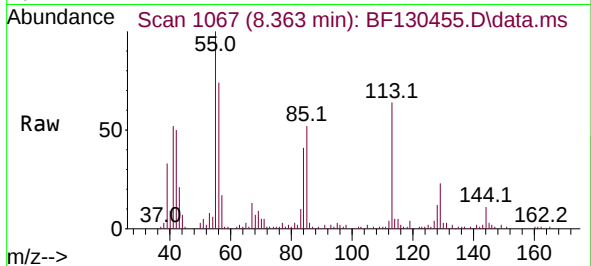
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.3	75.5
227	63.7	51.1	76.7





#35
 Caprolactam
 Concen: 20.979 ng
 RT: 8.363 min Scan# 1067
 Delta R.T. -0.024 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

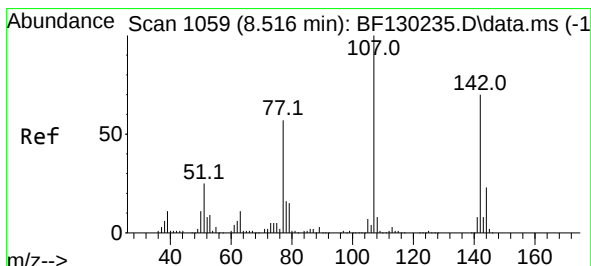
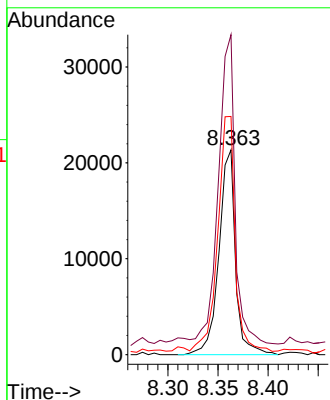
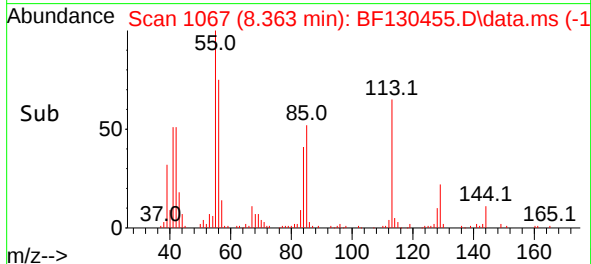
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MSD



Tgt Ion:113 Resp: 24572
 Ion Ratio Lower Upper
 113 100
 55 156.3 155.4 195.4
 56 116.3 120.4 160.4

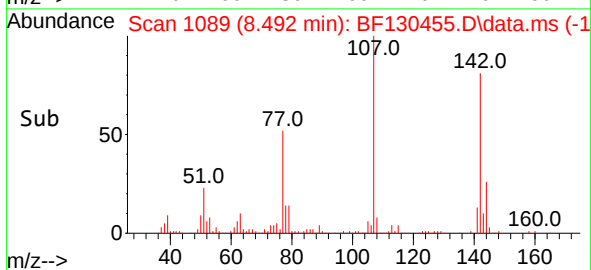
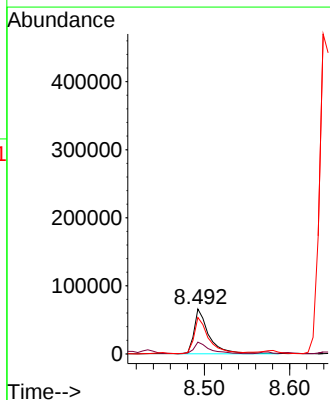
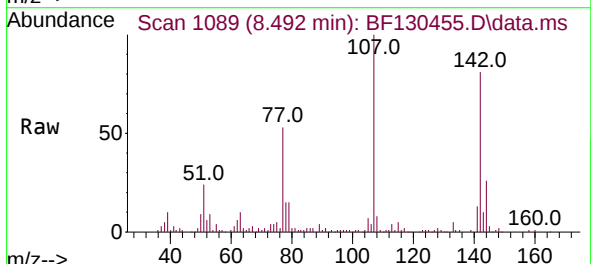
Manual Integrations
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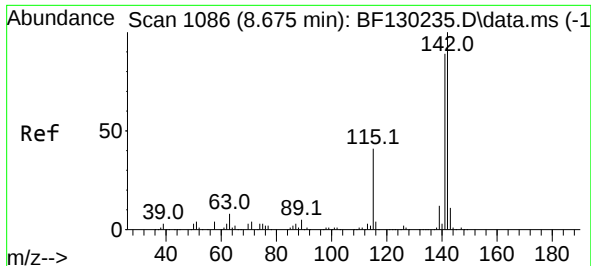
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#36
 4-Chloro-3-methylphenol
 Concen: 17.455 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

Tgt Ion:107 Resp: 79062
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.0 30.0
 142 80.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 43.037 ng

RT: 8.639 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

Tgt Ion:142 Resp: 420222

Ion Ratio Lower Upper

142 100

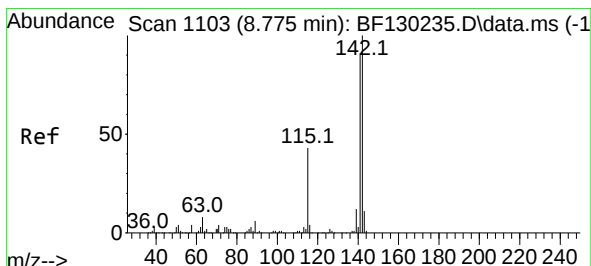
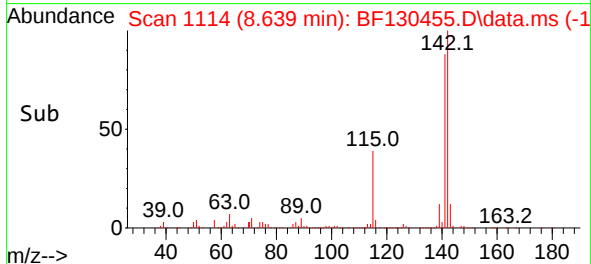
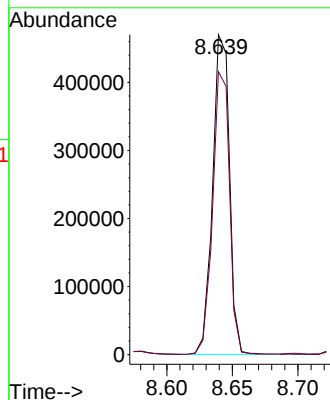
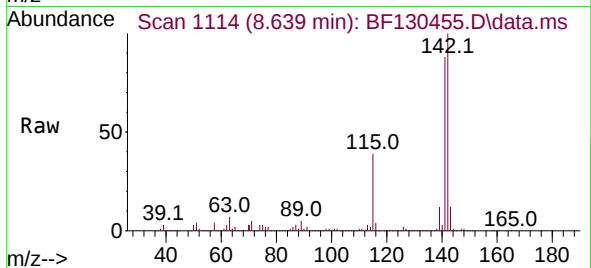
141 88.4 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#38

1-Methylnaphthalene

Concen: 44.274 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF130455.D

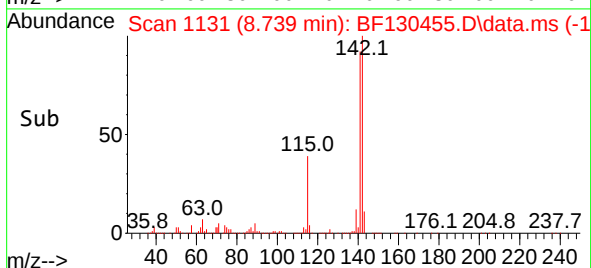
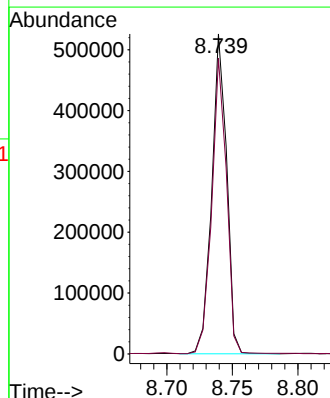
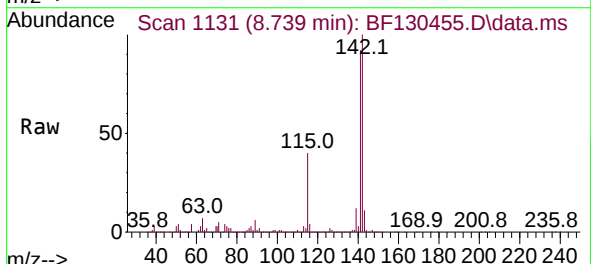
Acq: 28 Sep 2022 19:12

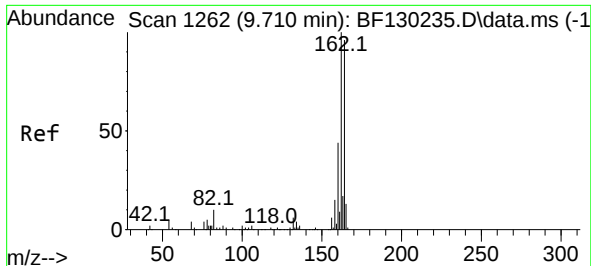
Tgt Ion:142 Resp: 415293

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8





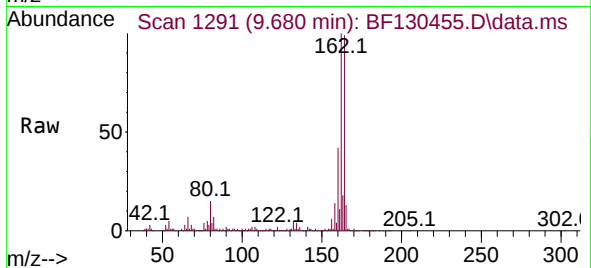
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

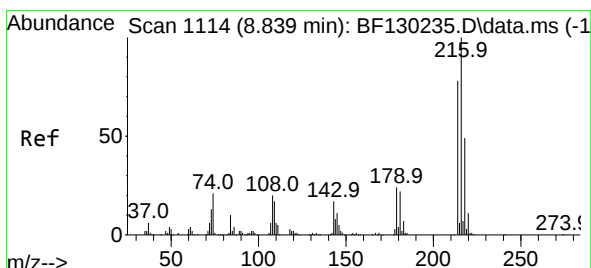
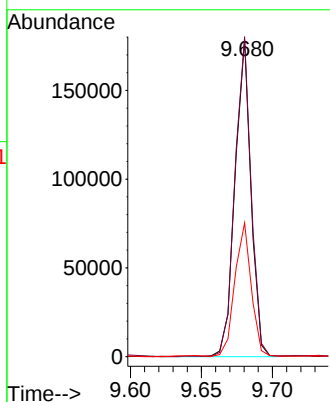
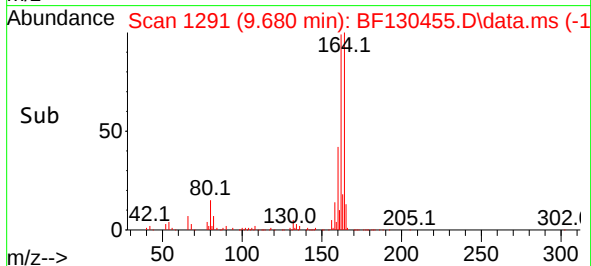


Tgt Ion:164 Resp: 139330
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 42.1 36.2 54.4

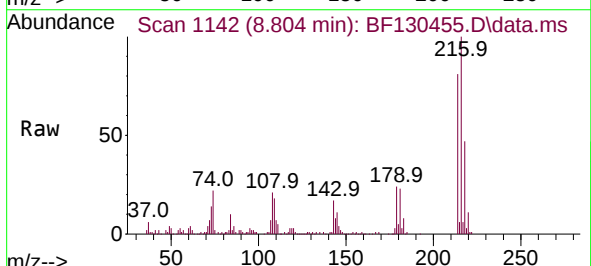
Manual Integrations

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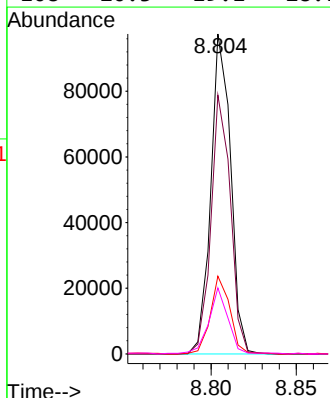
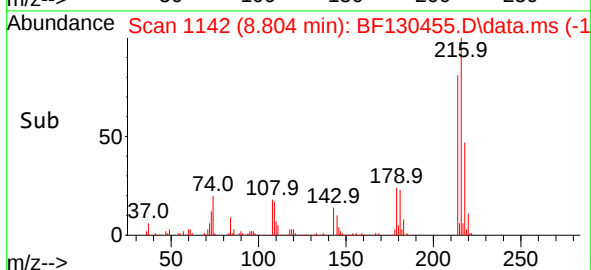
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

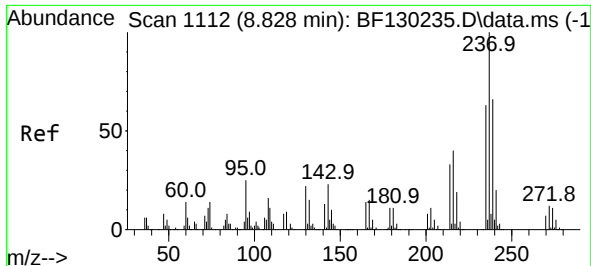


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.699 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



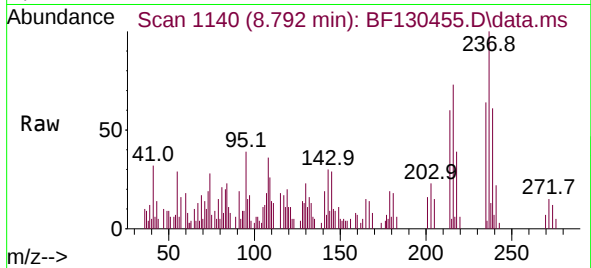
Tgt Ion:216 Resp: 78706
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
179 23.9 19.5 29.3
108 20.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 2.083 ng
RT: 8.792 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

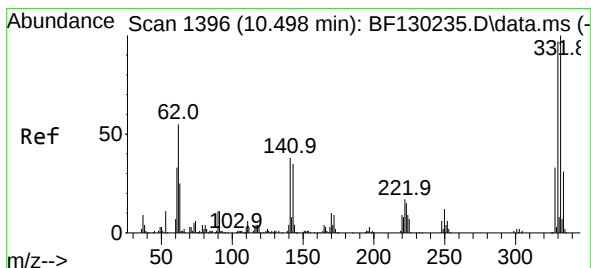
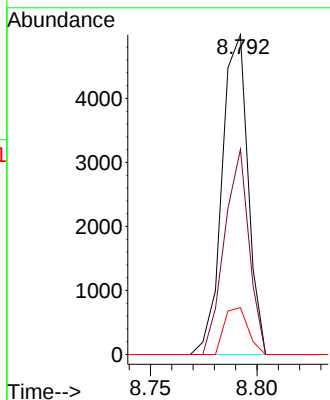
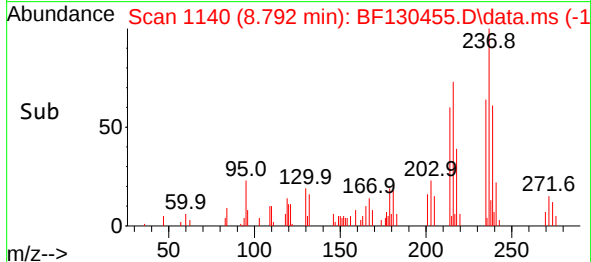
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



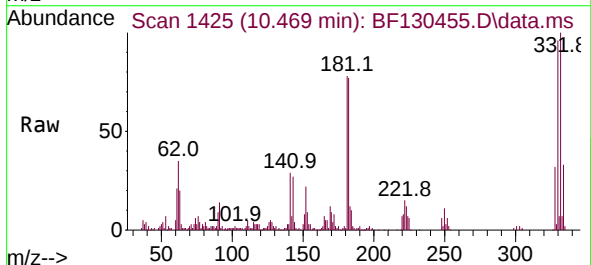
Tgt Ion: 237 Resp: 424
Ion Ratio Lower Upper
237 100
235 68.6 42.5 82.5
272 14.7 0.0 32.8

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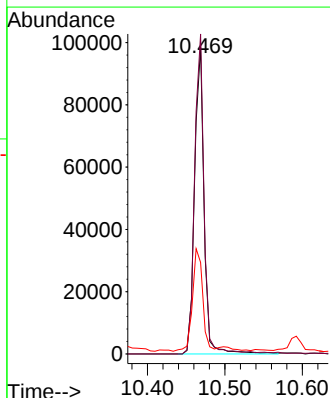
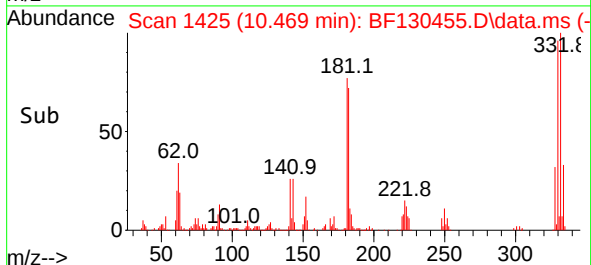
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022

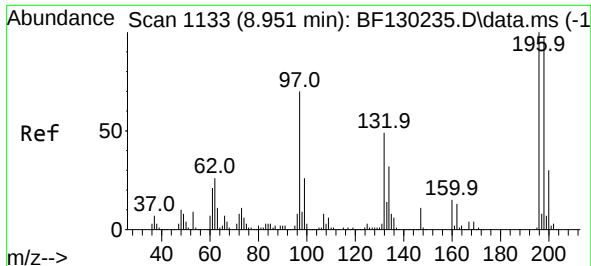


#42
2,4,6-Tribromophenol
Concen: 62.823 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



Tgt Ion: 330 Resp: 83872
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 35.7 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 18.237 ng

RT: 8.922 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

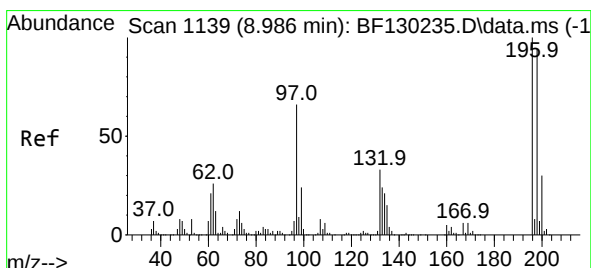
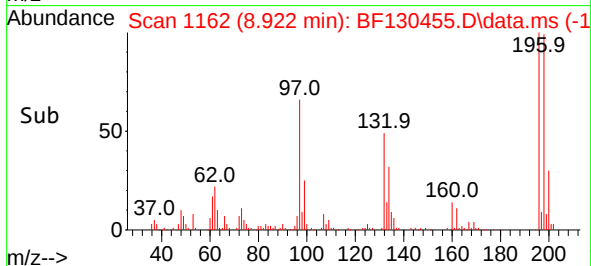
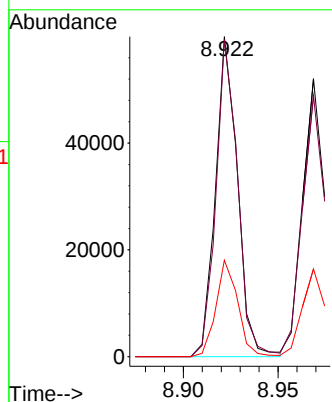
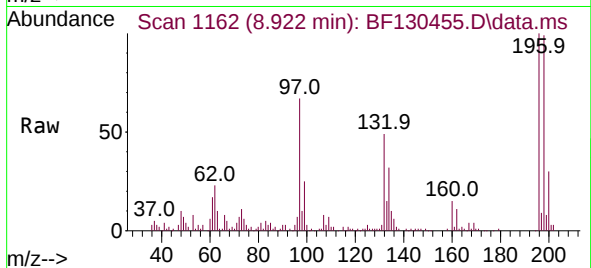
Tgt Ion:196	Resp:	48395
Ion Ratio	Lower	Upper
196	100	
198	99.0	72.4 108.6
200	30.1	23.8 35.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/29/2022



#44

2,4,5-Trichlorophenol

Concen: 18.432 ng

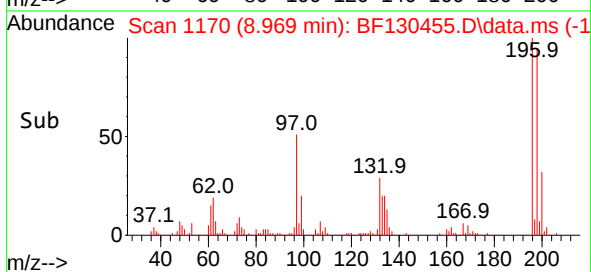
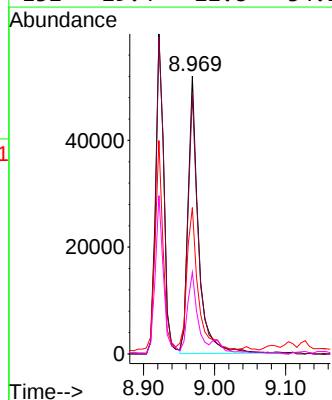
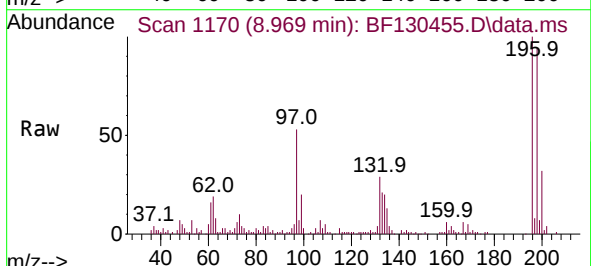
RT: 8.969 min Scan# 1170

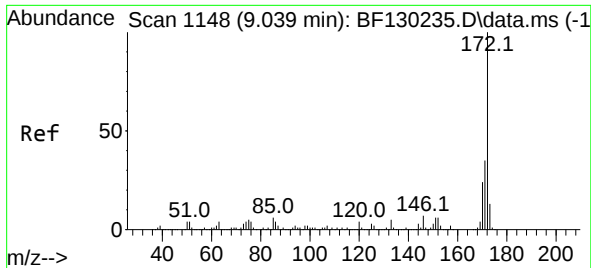
Delta R.T. 0.006 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

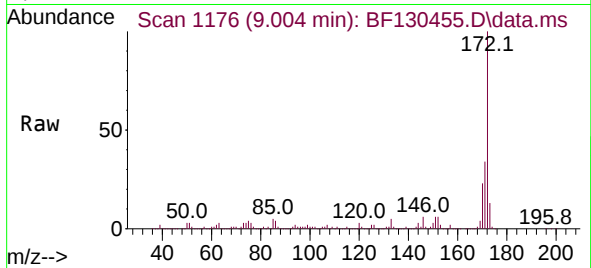
Tgt Ion:196	Resp:	52783
Ion Ratio	Lower	Upper
196	100	
198	93.9	74.8 112.2
97	52.7	43.7 65.5
132	29.4	22.8 34.2





#45
2-Fluorobiphenyl
Concen: 35.621 ng
RT: 9.004 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

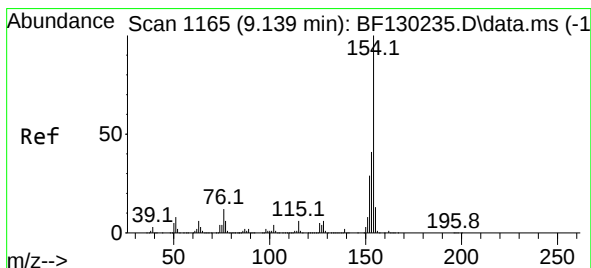
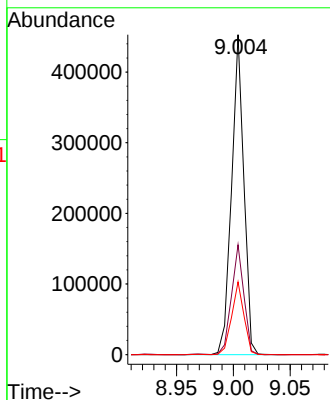
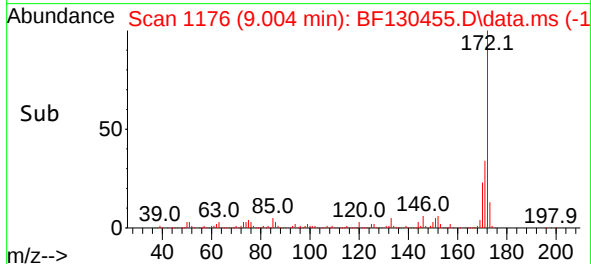
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



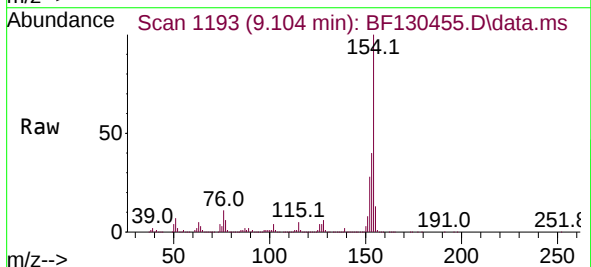
Tgt Ion:172 Resp: 340829
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.7 18.7 28.1

Manual Integrations
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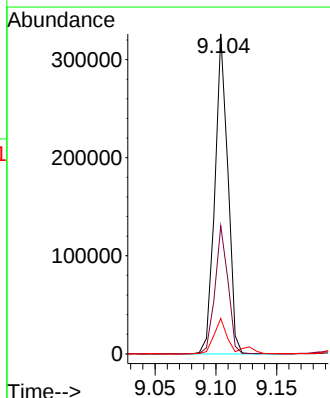
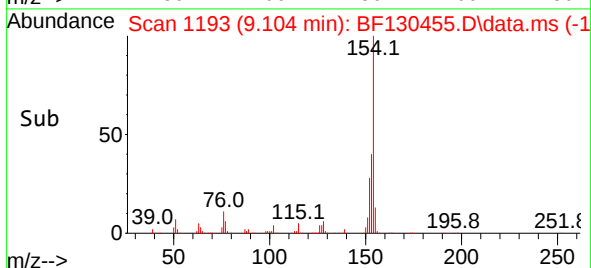
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

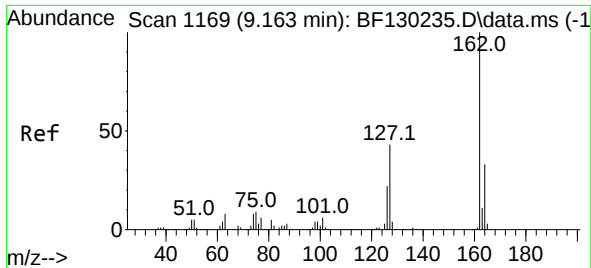


#46
1,1'-Biphenyl
Concen: 23.324 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



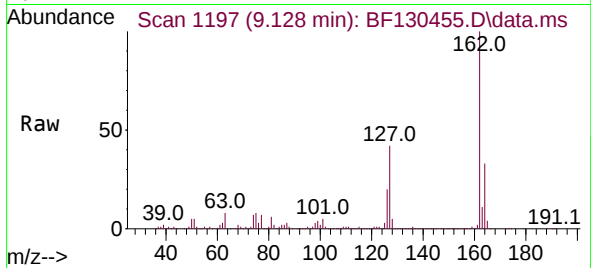
Tgt Ion:154 Resp: 242700
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 11.1 0.0 33.3





#47
2-Chloronaphthalene
Concen: 19.535 ng
RT: 9.128 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

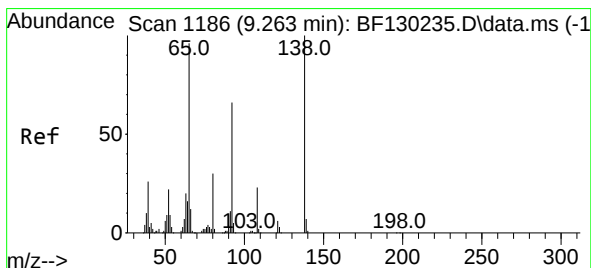
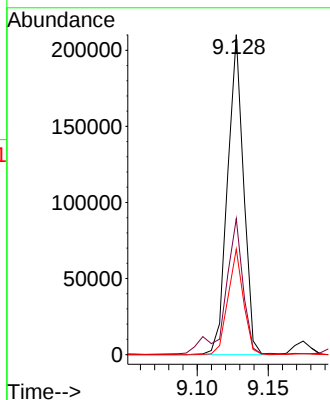
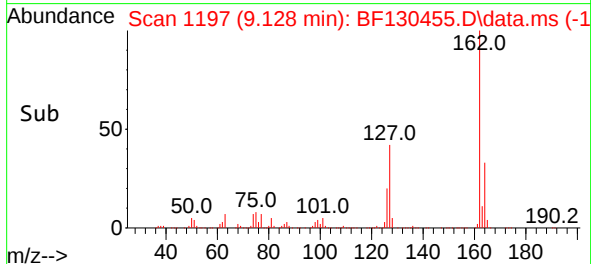
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:162 Resp: 164439
Ion Ratio Lower Upper
162 100
127 42.5 35.9 53.9
164 33.0 26.2 39.2

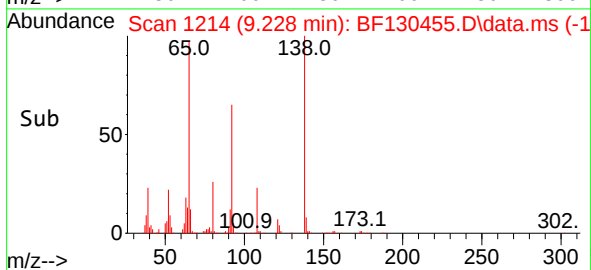
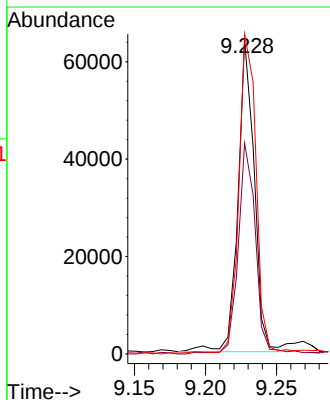
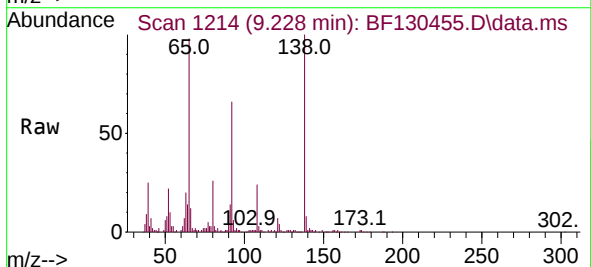
Manual Integrations
APPROVED

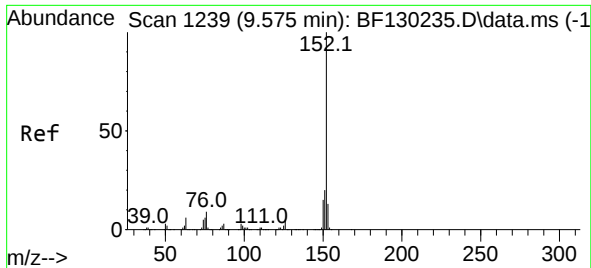
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#48
2-Nitroaniline
Concen: 18.112 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

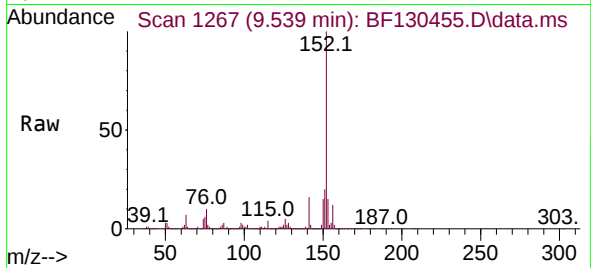
Tgt Ion: 65 Resp: 50851
Ion Ratio Lower Upper
65 100
92 67.1 52.2 78.4
138 101.8 77.0 115.4





#49
Acenaphthylene
Concen: 34.884 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

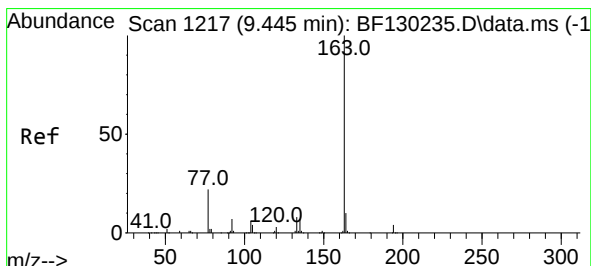
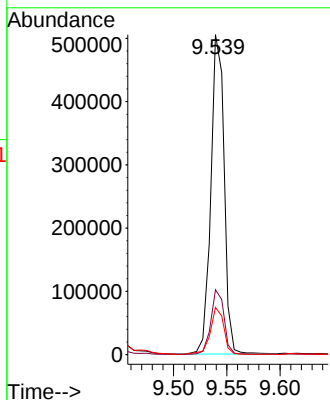
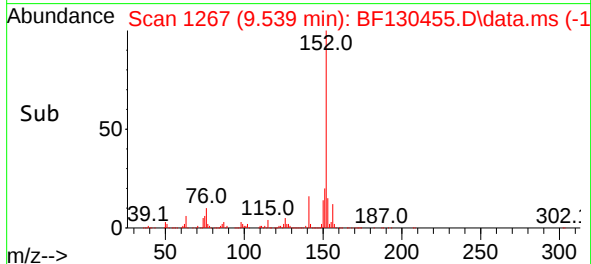
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:152 Resp: 440268
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.7 10.6 15.8

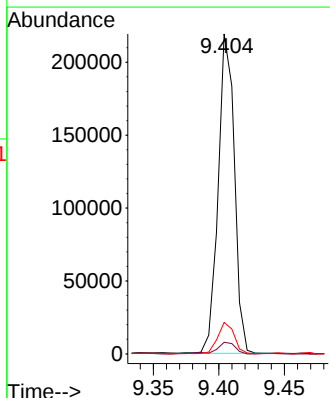
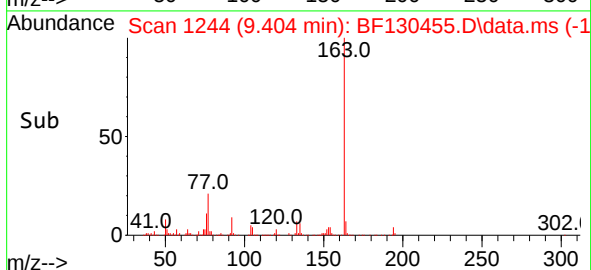
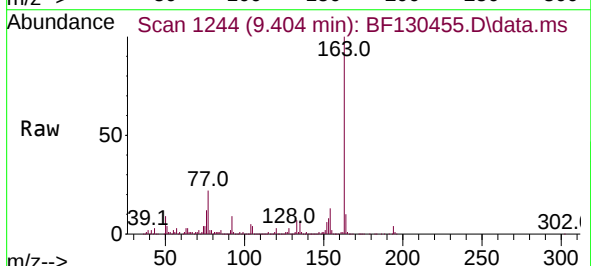
Manual Integrations
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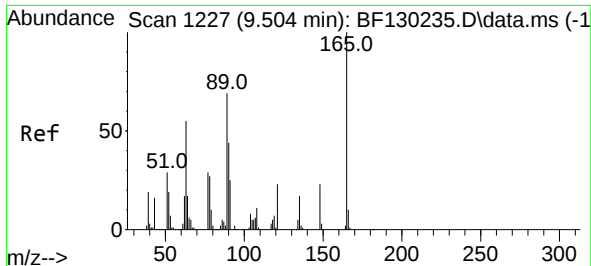
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#50
Dimethylphthalate
Concen: 19.663 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

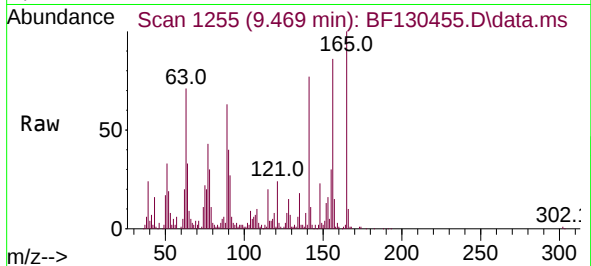
Tgt Ion:163 Resp: 189245
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.439 ng
RT: 9.469 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

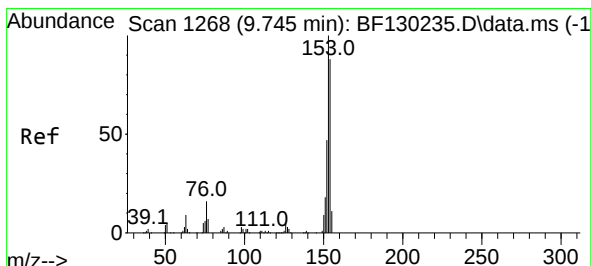
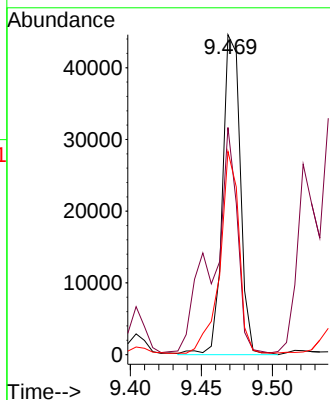
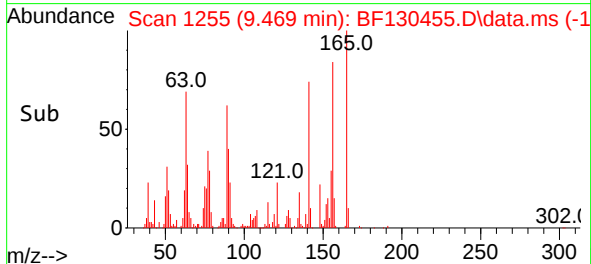
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:165 Resp: 39127
Ion Ratio Lower Upper
165 100
63 71.0 58.8 88.2
89 63.5 54.5 81.7

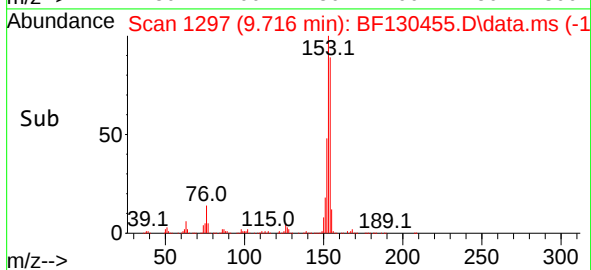
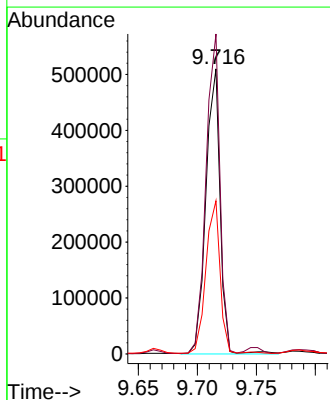
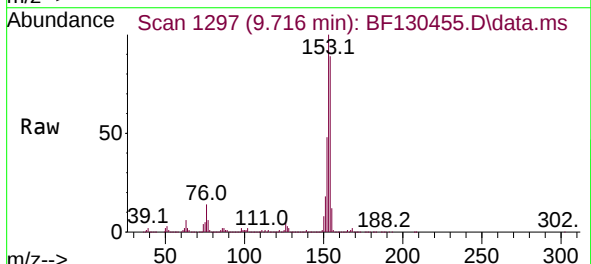
Manual Integrations
APPROVED

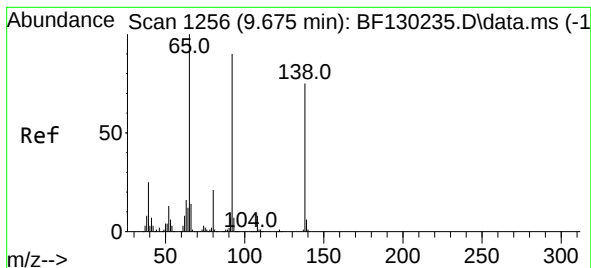
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#52
Acenaphthene
Concen: 51.447 ng m
RT: 9.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

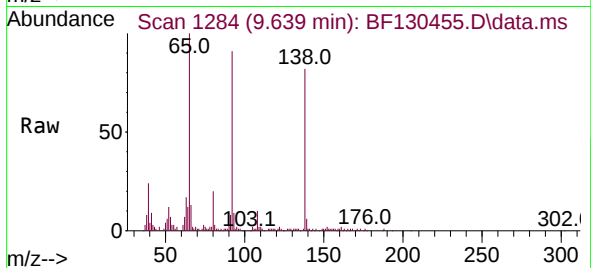
Tgt Ion:154 Resp: 426617
Ion Ratio Lower Upper
154 100
153 112.3 90.6 136.0
152 53.7 43.8 65.6





#53
3-Nitroaniline
Concen: 18.961 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

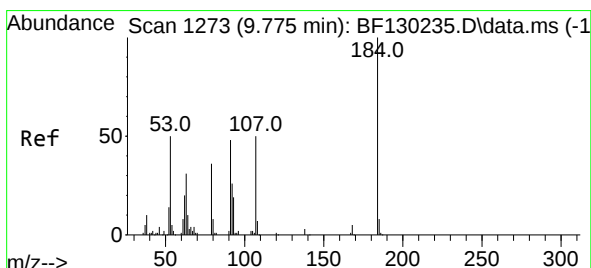
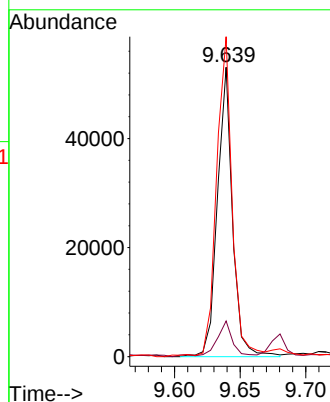
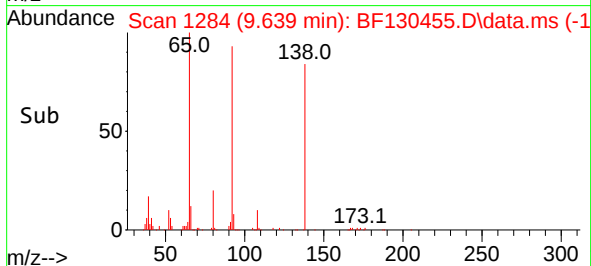
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:138 Resp: 4252
Ion Ratio Lower Upper
138 100
108 12.3 9.2 13.8
92 110.6 99.2 148.8

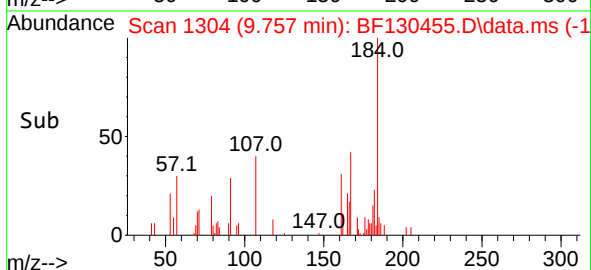
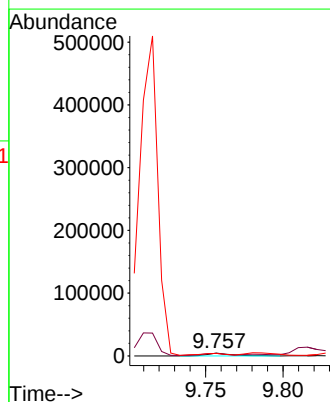
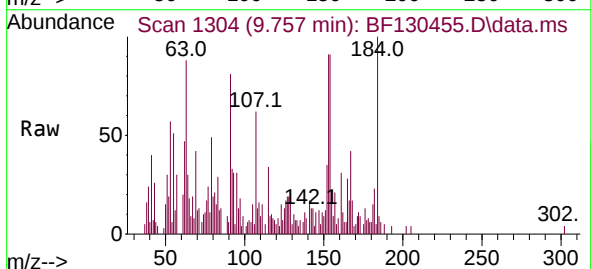
Manual Integrations
APPROVED

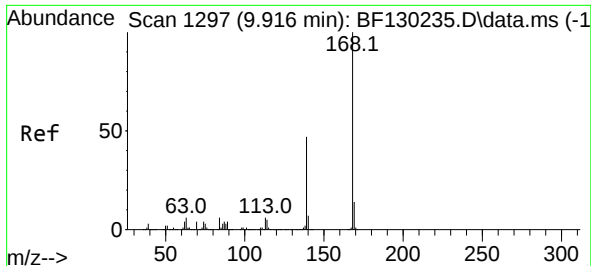
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#54
2,4-Dinitrophenol
Concen: 10.179 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

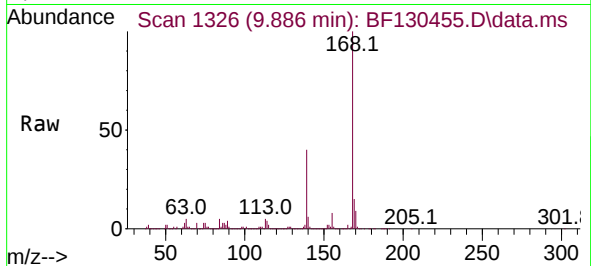
Tgt Ion:184 Resp: 4649
Ion Ratio Lower Upper
184 100
63 88.3 70.0 105.0
154 90.7 63.0 94.6





#55
Dibenzofuran
Concen: 37.835 ng
RT: 9.886 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

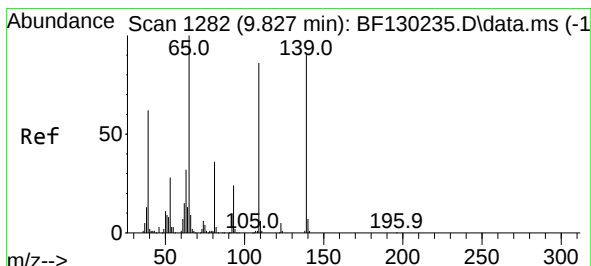
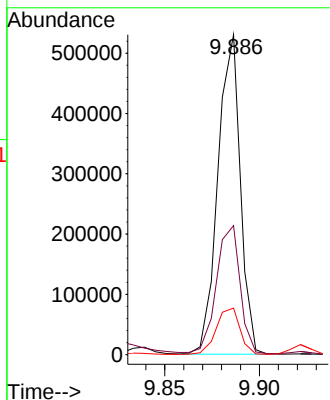
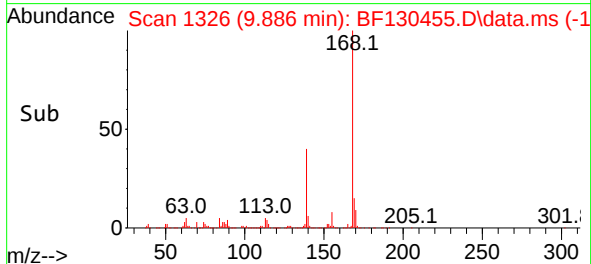
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:168 Resp: 436394
Ion Ratio Lower Upper
168 100
139 40.3 35.0 52.4
169 14.5 10.9 16.3

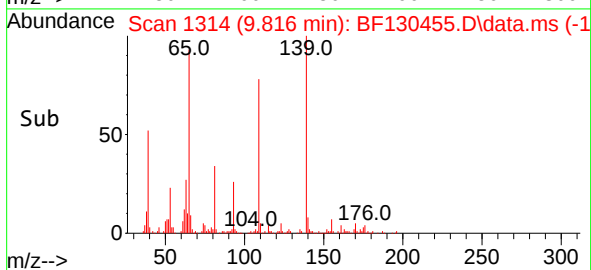
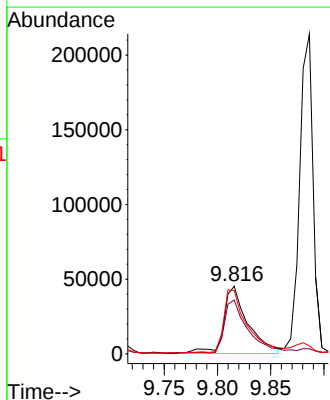
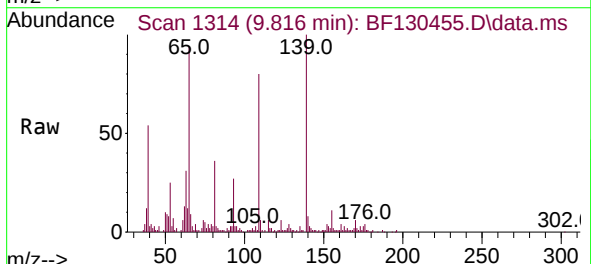
Manual Integrations
APPROVED

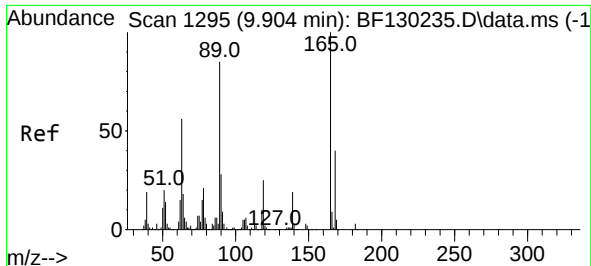
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#56
4-Nitrophenol
Concen: 43.111 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:139 Resp: 70426
Ion Ratio Lower Upper
139 100
109 79.6 72.2 112.2
65 93.8 97.7 137.7#





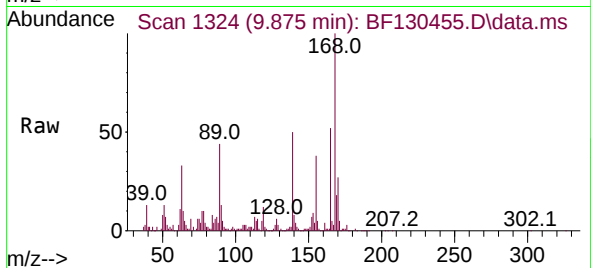
#57
2,4-Dinitrotoluene
Concen: 21.665 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

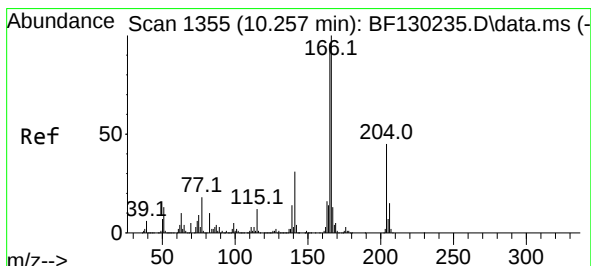
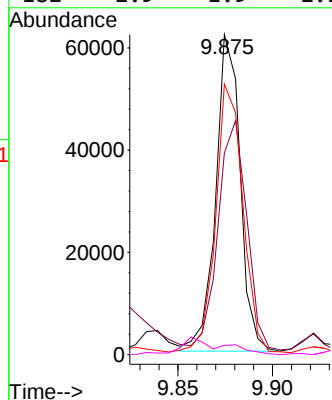
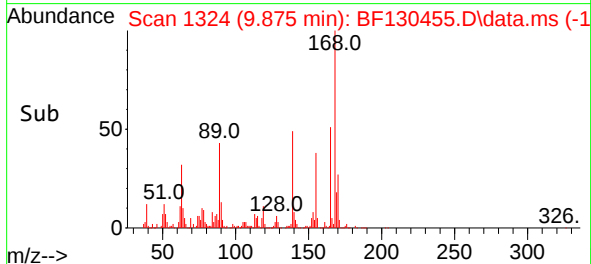


Tgt Ion:165 Resp: 55730
Ion Ratio Lower Upper
165 100
63 63.0 44.7 67.1
89 84.5 69.0 103.4
182 2.9 1.9 2.9#

Manual Integrations

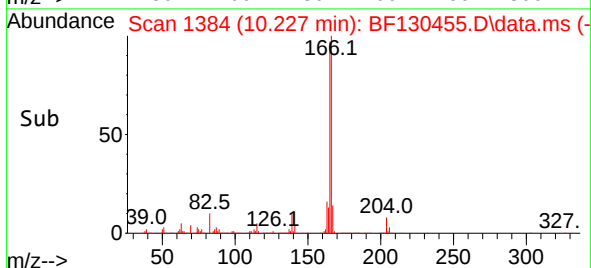
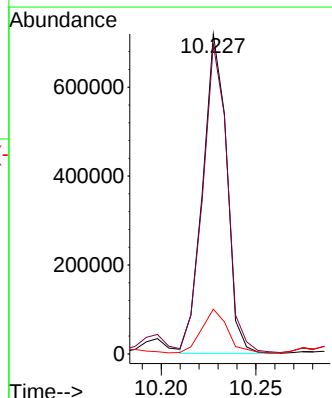
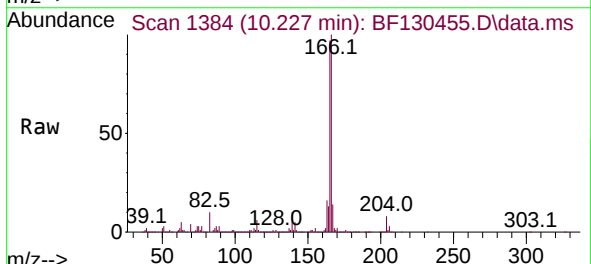
APPROVED

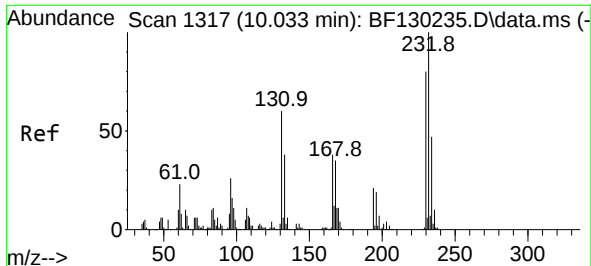
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#58
Fluorene
Concen: 67.063 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

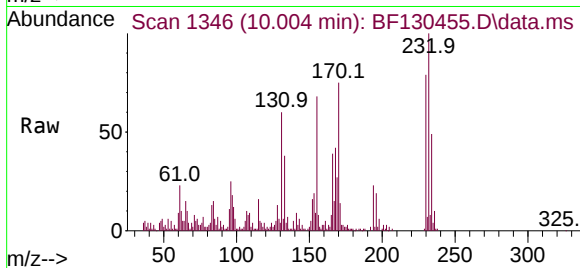
Tgt Ion:166 Resp: 632593
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.360 ng
RT: 10.004 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

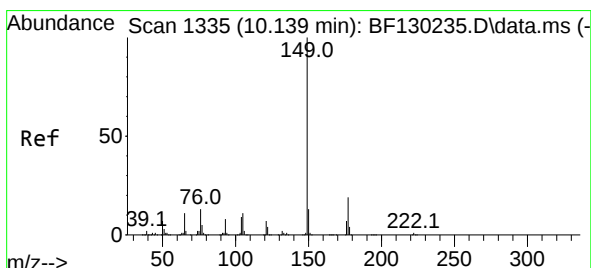
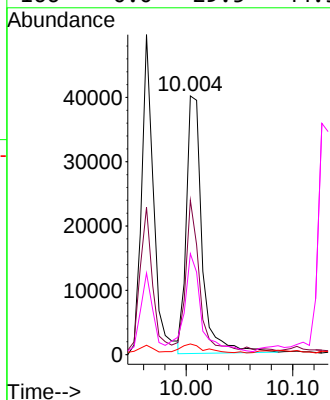
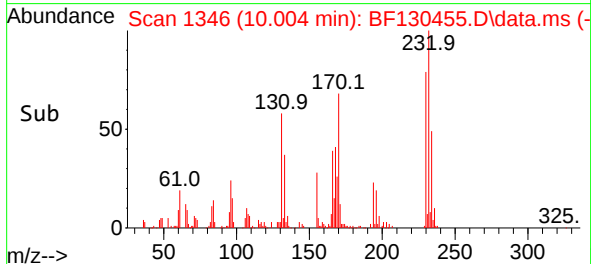
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:232 Resp: 41153
Ion Ratio Lower Upper
232 100
131 49.8 46.4 69.6
130 4.6 2.3 3.5
166 0.0 29.5 44.3#

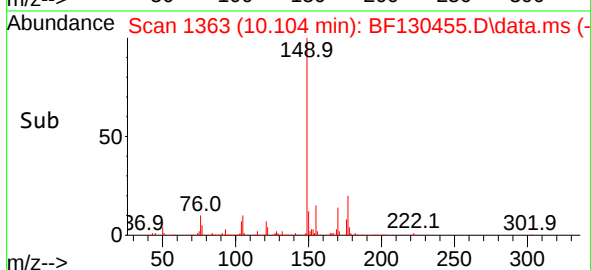
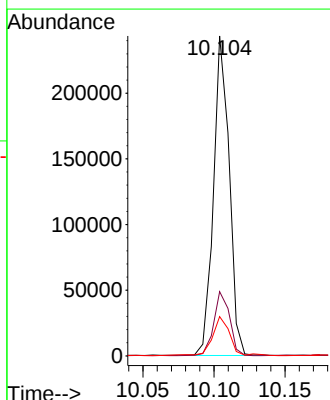
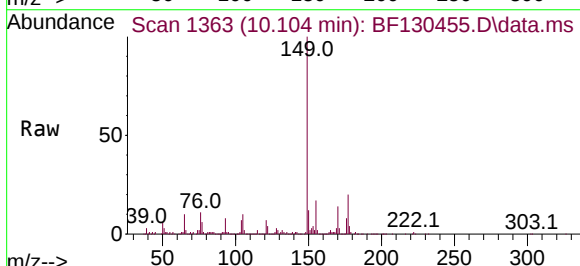
Manual Integrations
APPROVED

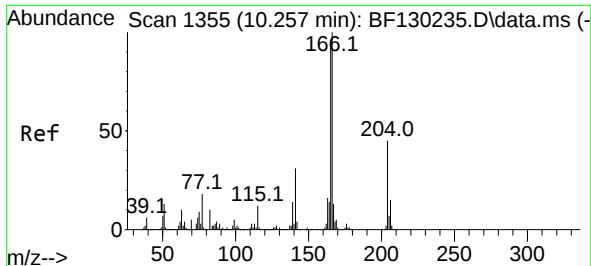
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#60
Diethylphthalate
Concen: 19.450 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

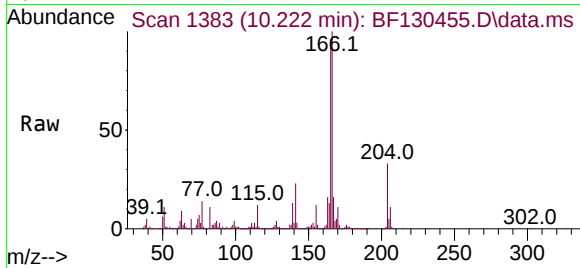
Tgt Ion:149 Resp: 187721
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 20.341 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

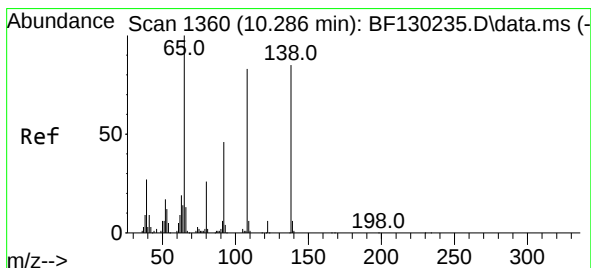
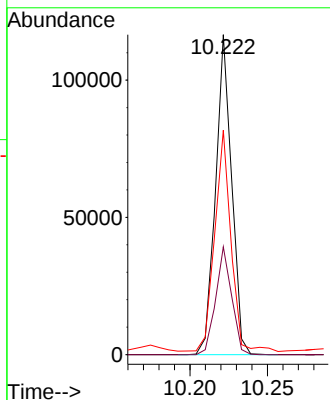
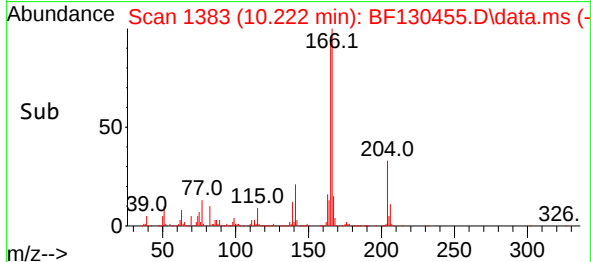
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:204 Resp: 84170
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 70.1 57.1 85.7

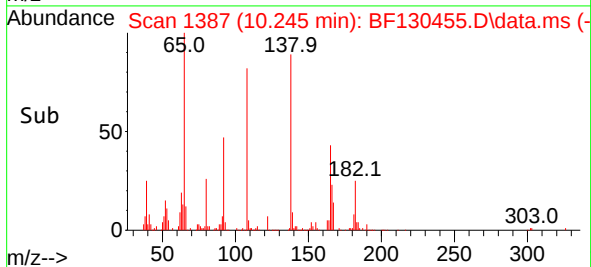
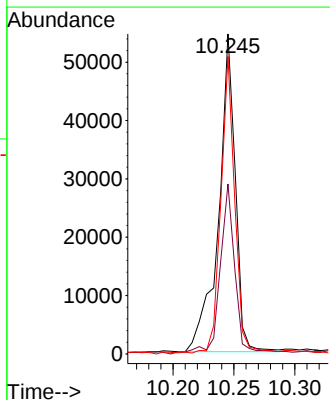
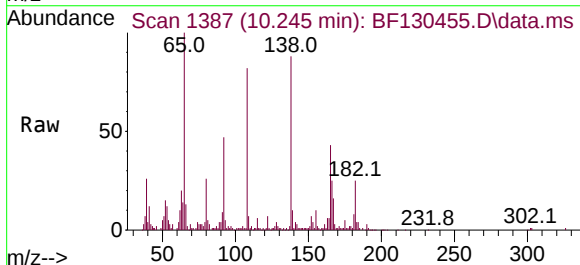
Manual Integrations
APPROVED

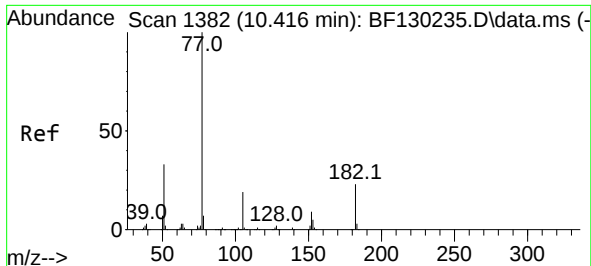
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#62
4-Nitroaniline
Concen: 23.110 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

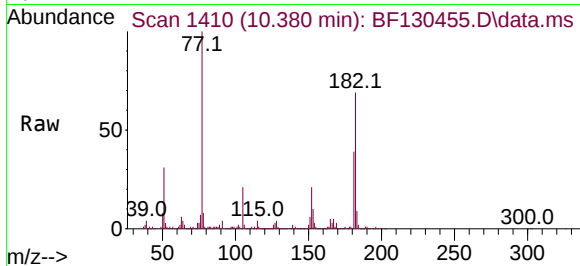
Tgt Ion:138 Resp: 52069
Ion Ratio Lower Upper
138 100
92 53.1 36.7 76.7
108 93.0 78.2 118.2





#63
Azobenzene
Concen: 16.643 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

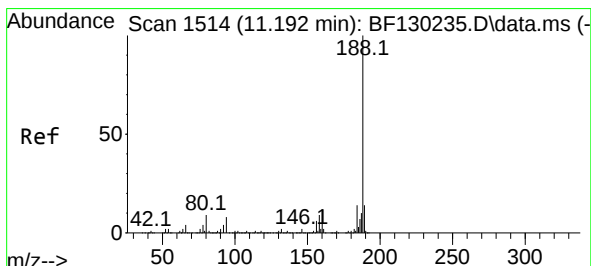
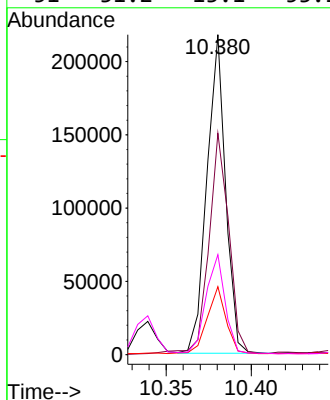
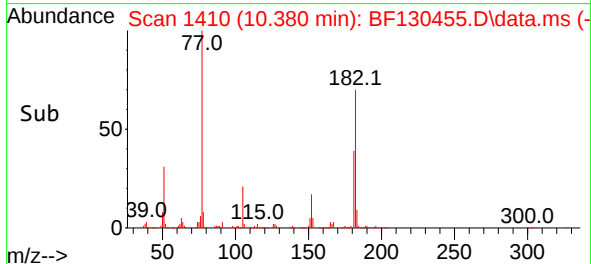
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



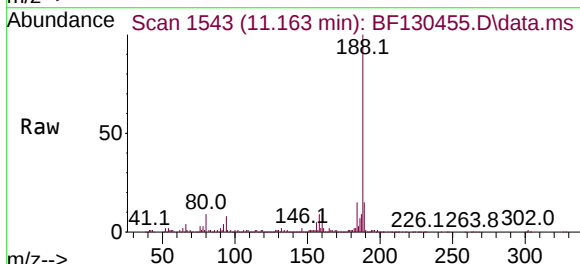
Tgt Ion: 77 Resp: 165404
Ion Ratio Lower Upper
77 100
182 69.2 2.1 42.1
105 21.2 0.0 39.4
51 31.2 13.1 53.1

Manual Integrations
APPROVED

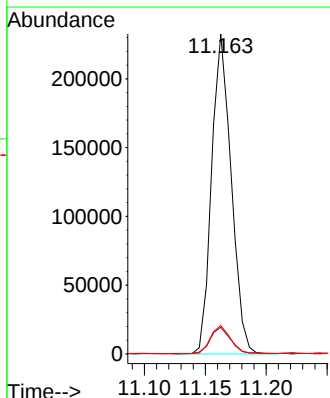
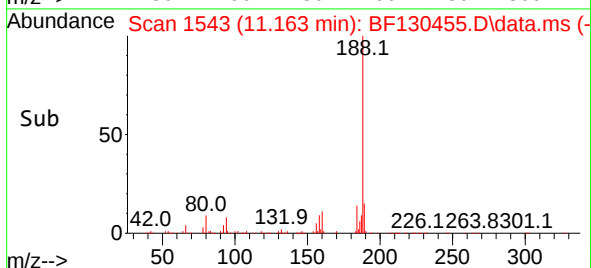
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

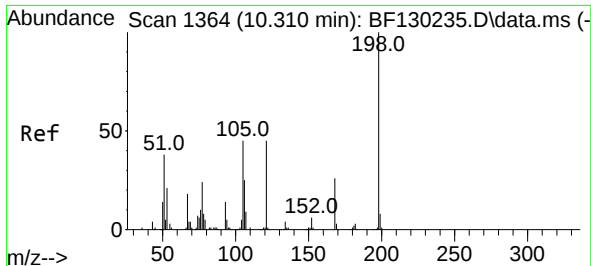


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



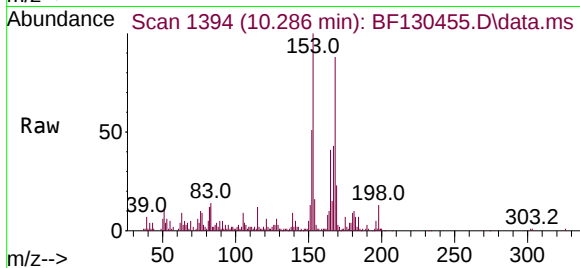
Tgt Ion:188 Resp: 259530
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 3.308 ng
RT: 10.286 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

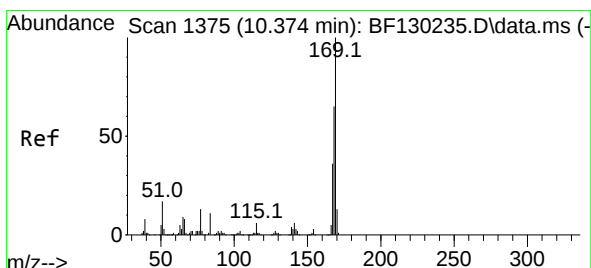
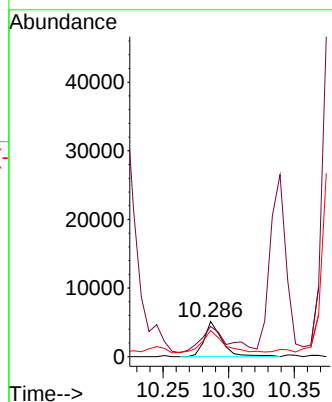
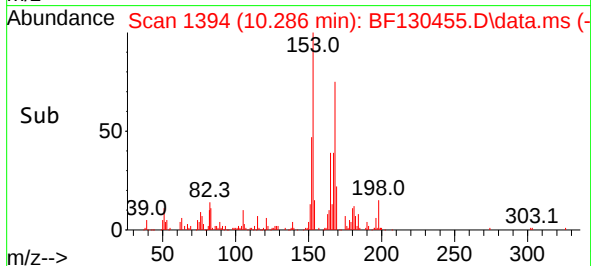
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:198 Resp: 4779
Ion Ratio Lower Upper
198 100
51 85.9 36.9 76.9
105 73.9 33.0 73.0

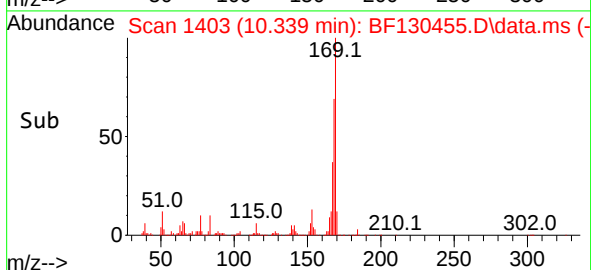
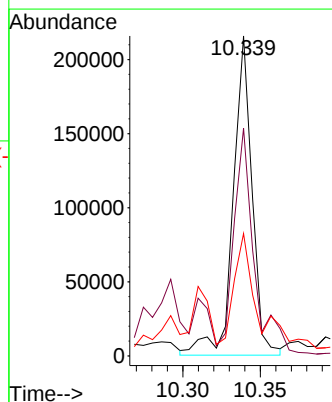
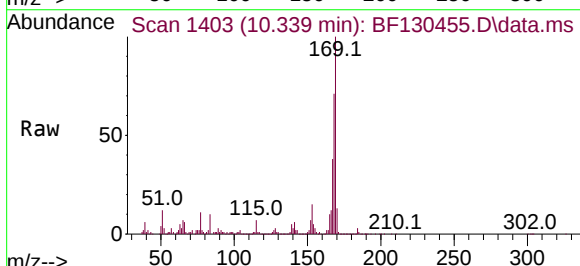
Manual Integrations
APPROVED

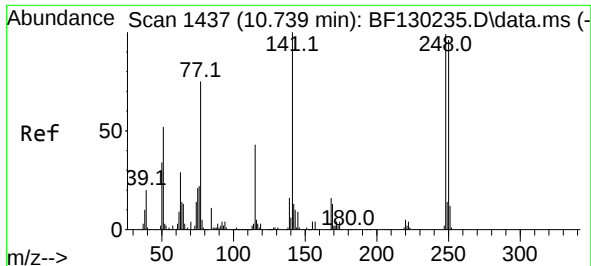
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#66
n-Nitrosodiphenylamine
Concen: 21.206 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:169 Resp: 183910
Ion Ratio Lower Upper
169 100
168 71.2 53.2 79.8
167 38.2 29.2 43.8





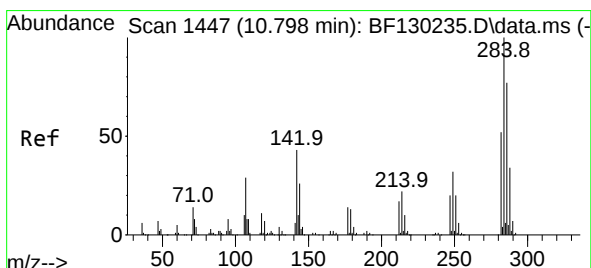
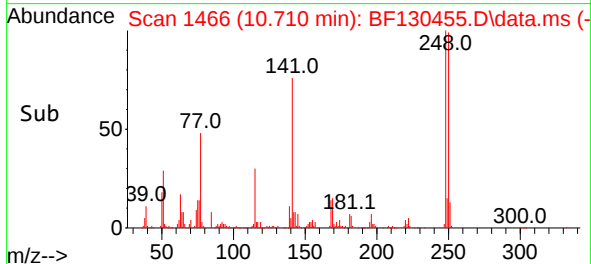
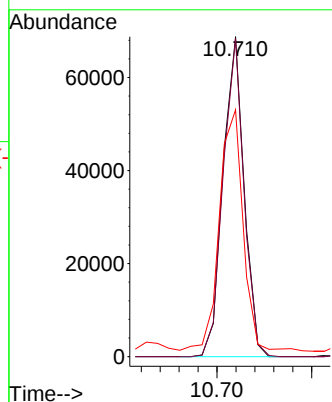
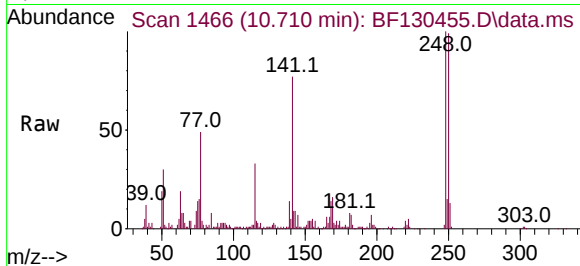
#67
4-Bromophenyl-phenylether
Concen: 18.602 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Tgt Ion:248 Resp: 5325
Ion Ratio Lower Upper
248 100
250 99.4 80.0 120.0
141 77.1 68.5 102.7

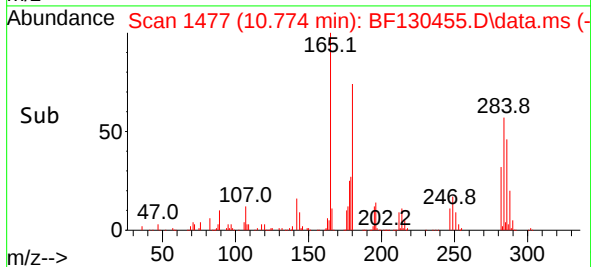
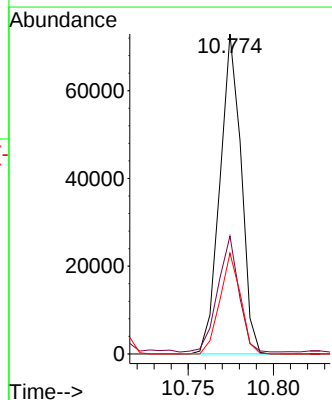
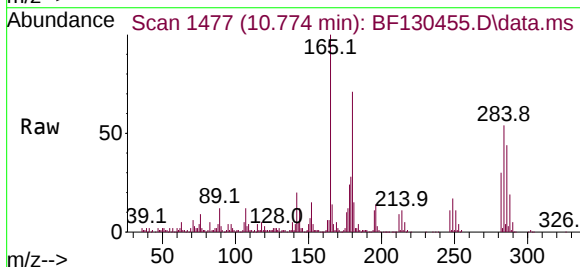
Manual Integrations
APPROVED

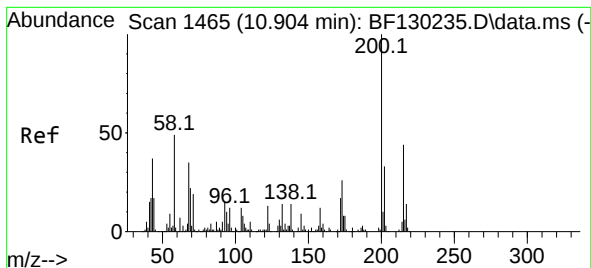
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#68
Hexachlorobenzene
Concen: 19.423 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:284 Resp: 63035
Ion Ratio Lower Upper
284 100
142 36.8 27.2 40.8
249 31.5 23.8 35.8





#69

Atrazine

Concen: 21.287 ng

RT: 10.874 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

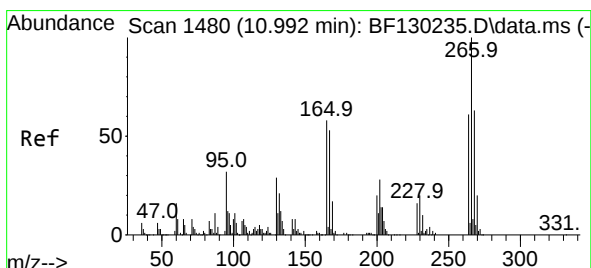
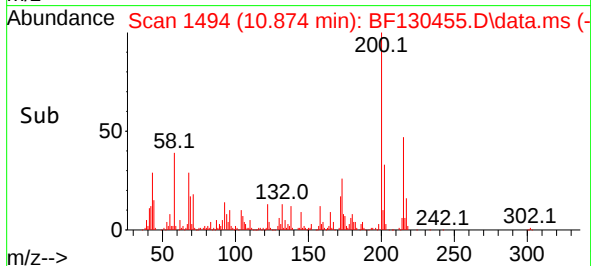
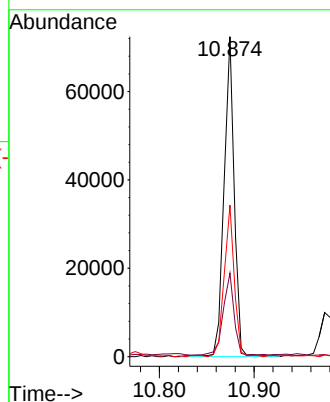
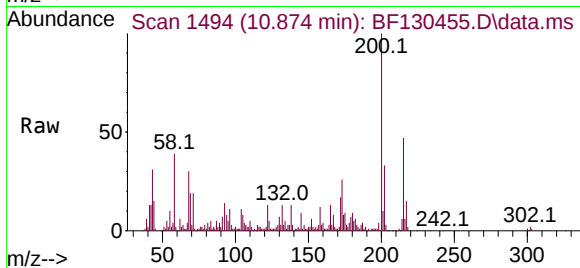
Tgt Ion:	200	Resp:	53952
Ion Ratio	Lower	Upper	
200	100		
173	26.1	6.2	46.2
215	47.3	22.5	62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#70

Pentachlorophenol

Concen: 36.084 ng

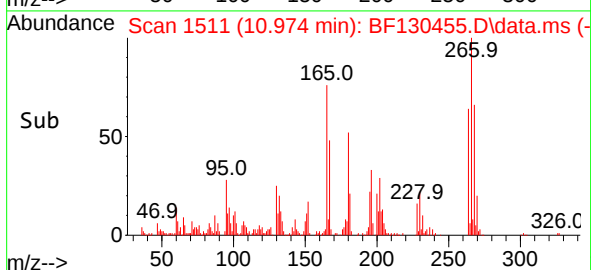
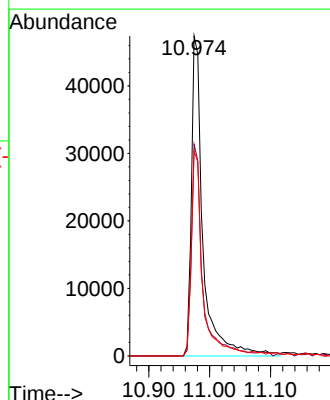
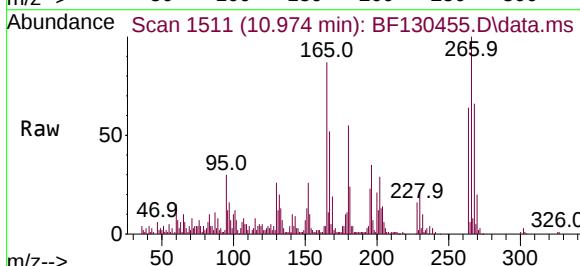
RT: 10.974 min Scan# 1511

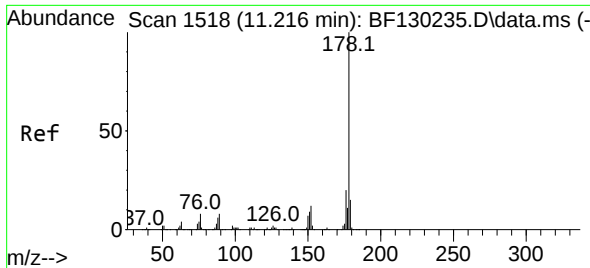
Delta R.T. 0.006 min

Lab File: BF130455.D

Acq: 28 Sep 2022 19:12

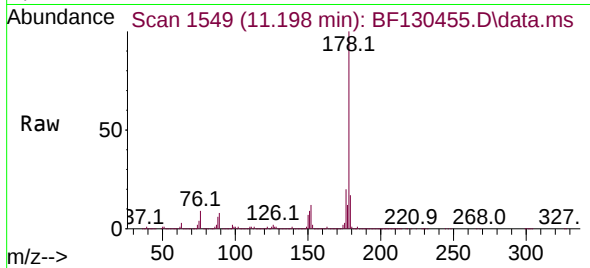
Tgt Ion:	266	Resp:	62851
Ion Ratio	Lower	Upper	
266	100		
268	66.1	50.5	75.7
264	64.0	50.5	75.7





#71
Phenanthrene
Concen: 211.606 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.012 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

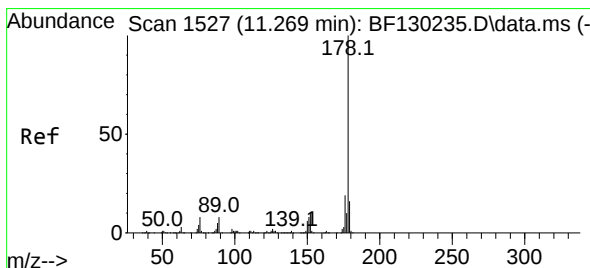
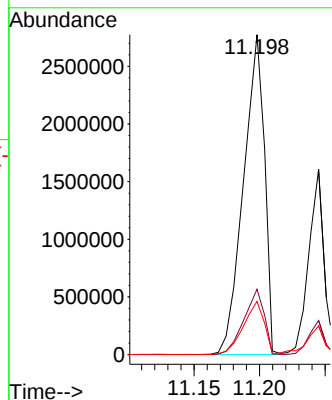
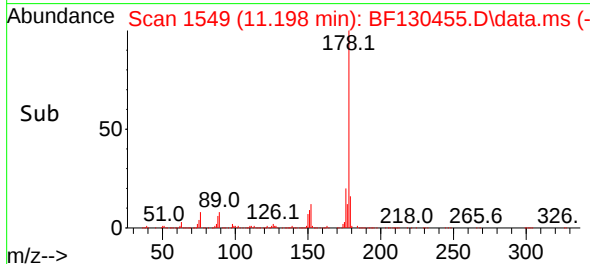
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:178 Resp: 3083332
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.0
179 16.6 12.4 18.6

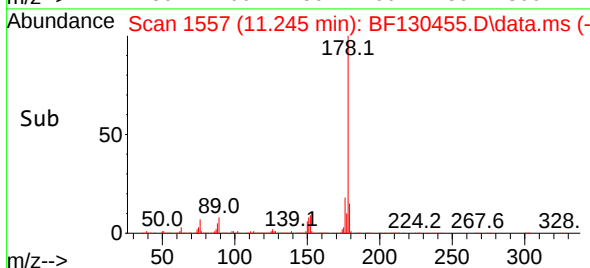
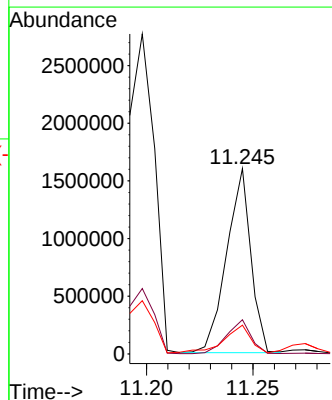
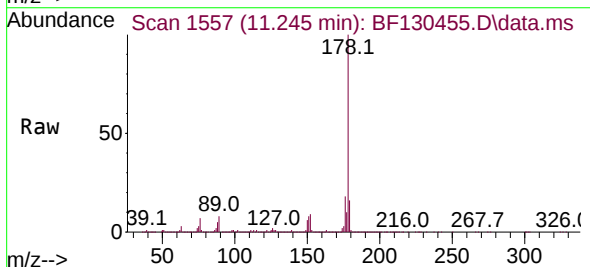
Manual Integrations
APPROVED

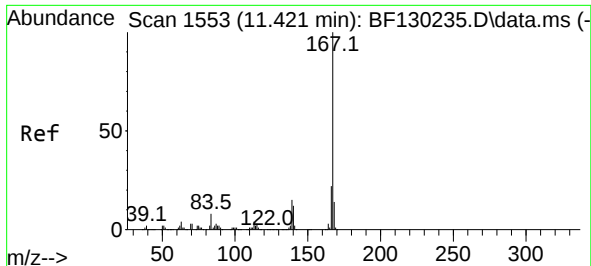
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#72
Anthracene
Concen: 89.969 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

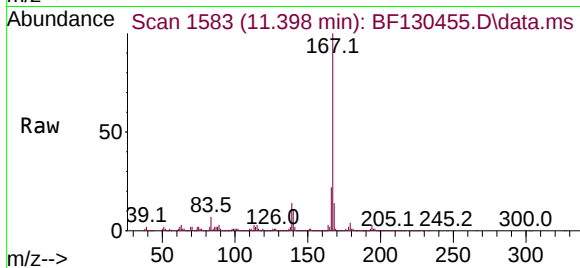
Tgt Ion:178 Resp: 1265090
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 33.256 ng
 RT: 11.398 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

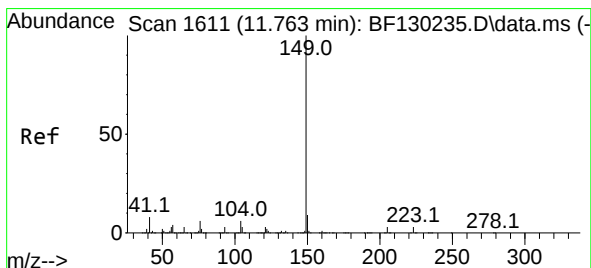
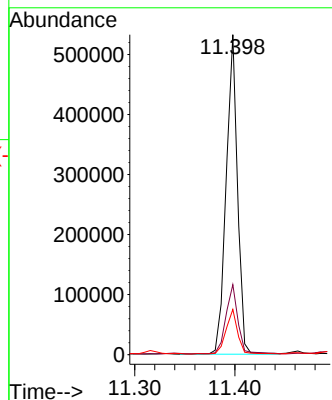
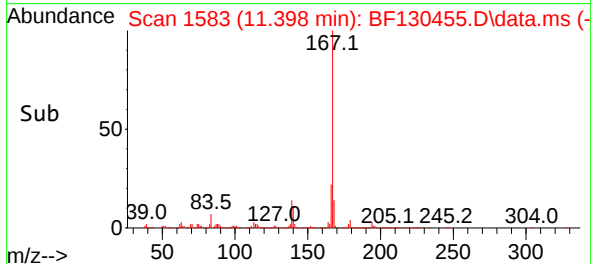
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MSD



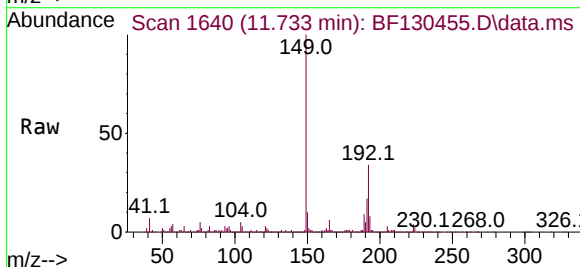
Tgt Ion:167 Resp: 422022
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.1 11.6 17.4

Manual Integrations
 APPROVED

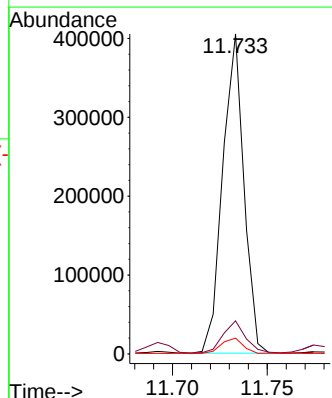
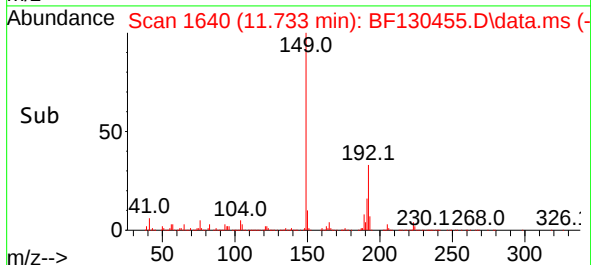
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

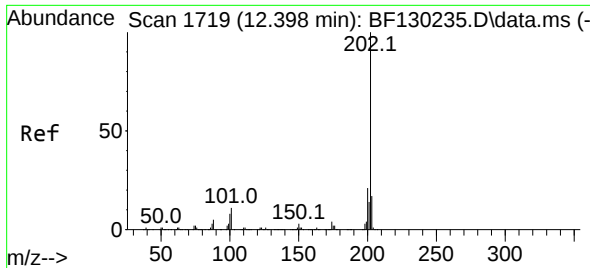


#74
 Di-n-butylphthalate
 Concen: 20.579 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12



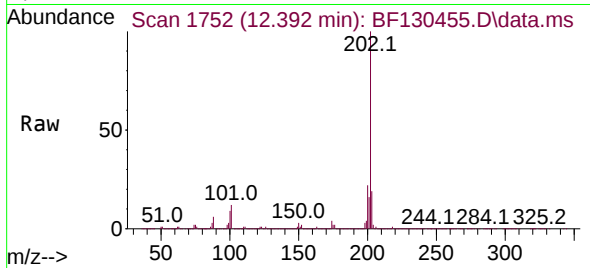
Tgt Ion:149 Resp: 314923
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.4 11.2
 104 4.9 4.8 7.2





#75
Fluoranthene
Concen: 318.936 ng
RT: 12.392 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

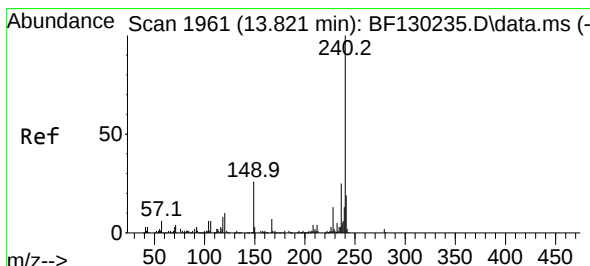
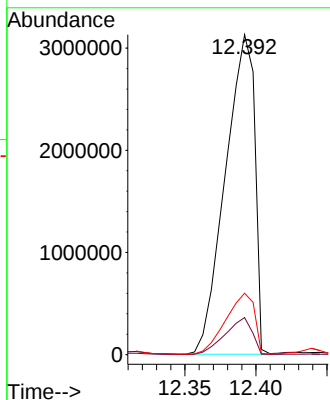
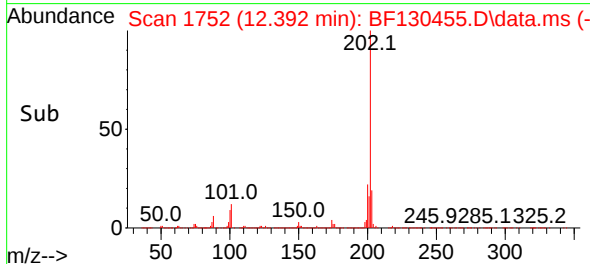
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



Tgt Ion:202 Resp: 4490614
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.8
203 19.2 0.0 37.8

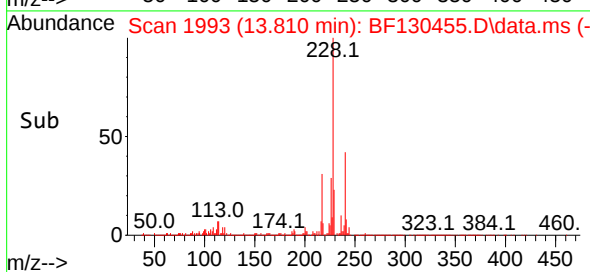
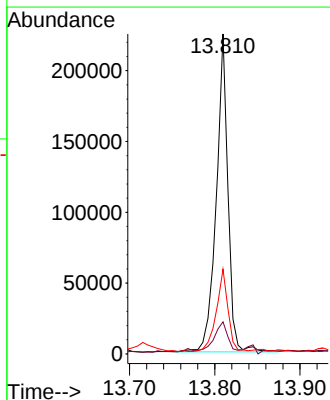
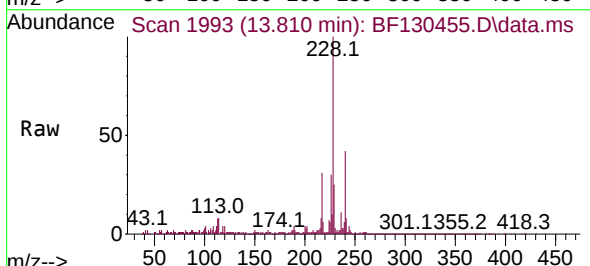
Manual Integrations
APPROVED

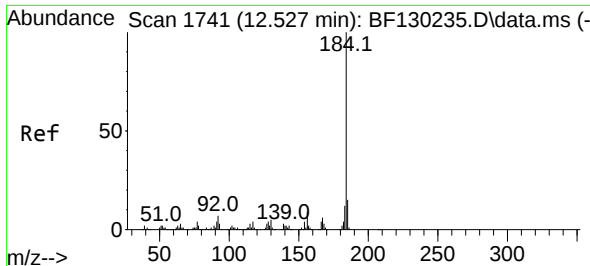
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.018 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

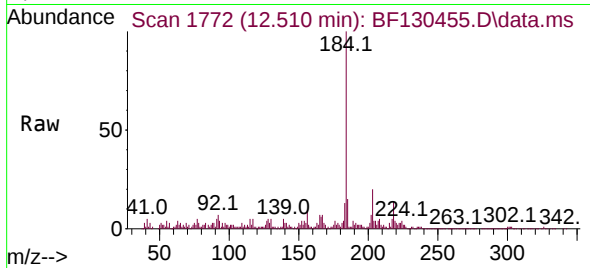
Tgt Ion:240 Resp: 214376
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 26.5 20.9 31.3





#77
Benzidine
Concen: 20.509 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

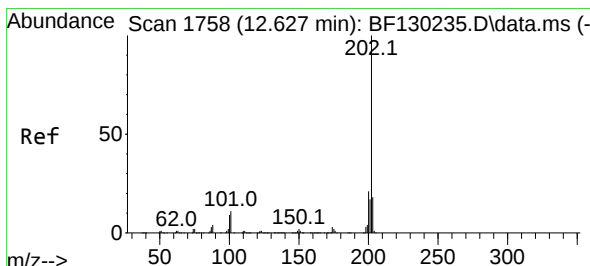
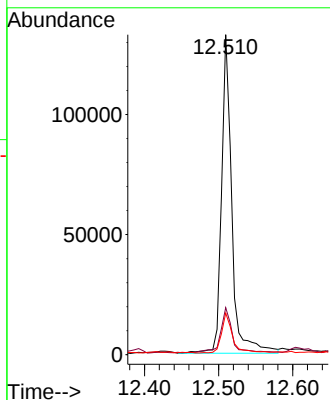
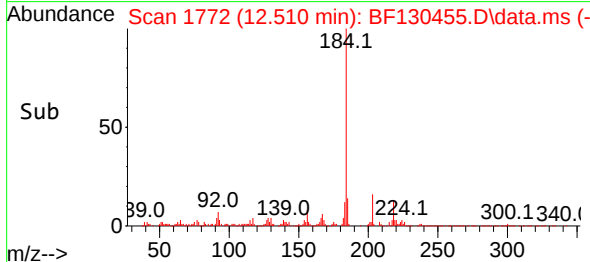
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



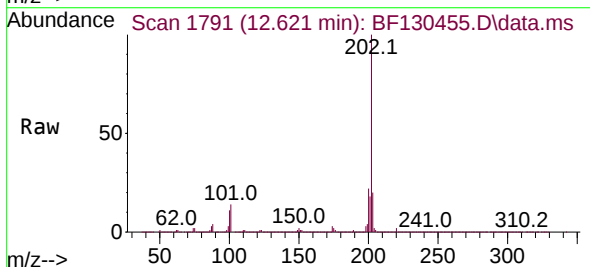
Tgt Ion:184 Resp: 127631
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 13.0 9.1 13.7

Manual Integrations
APPROVED

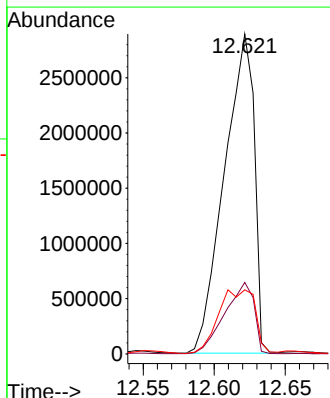
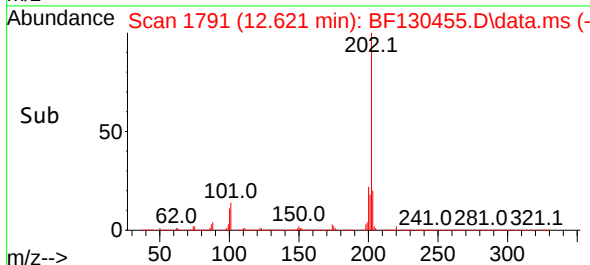
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

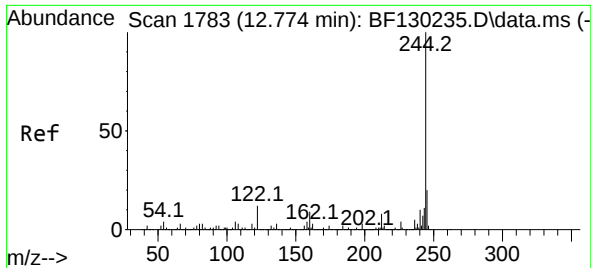


#78
Pyrene
Concen: 225.315 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.029 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



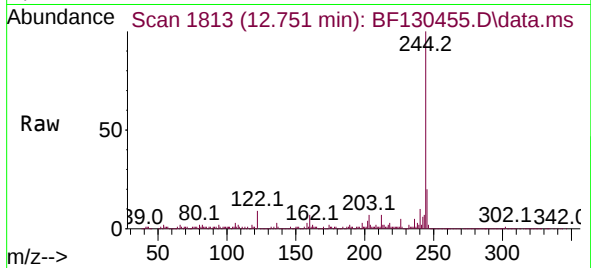
Tgt Ion:202 Resp: 4225495
Ion Ratio Lower Upper
202 100
200 22.3 17.2 25.8
203 20.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 34.604 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. 0.006 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

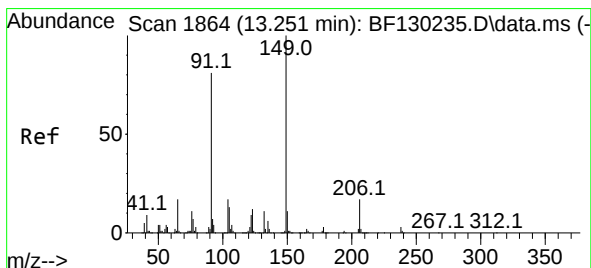
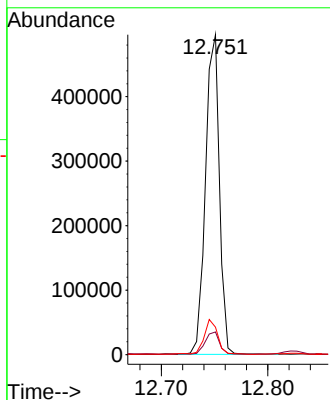
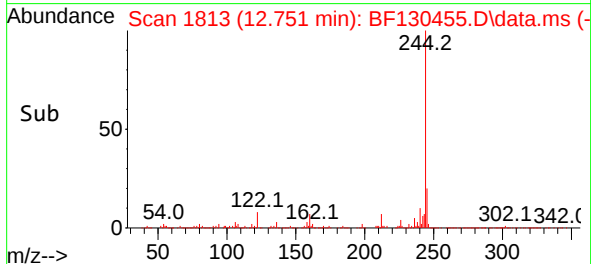
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-092722MSD



Tgt Ion:244 Resp: 447834
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 8.5 12.7

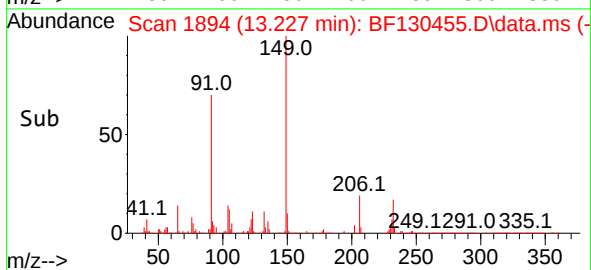
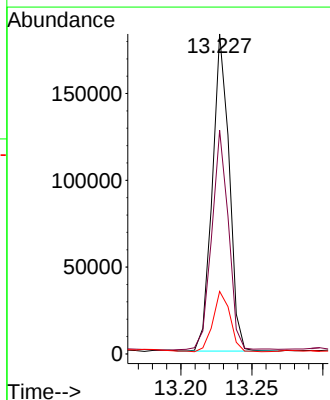
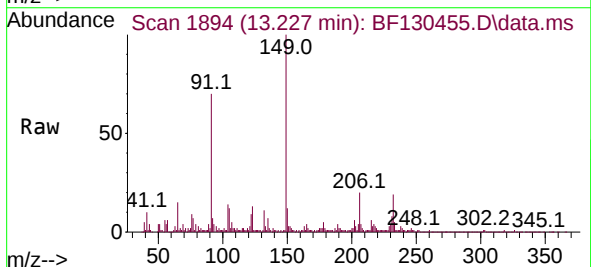
Manual Integrations
 APPROVED

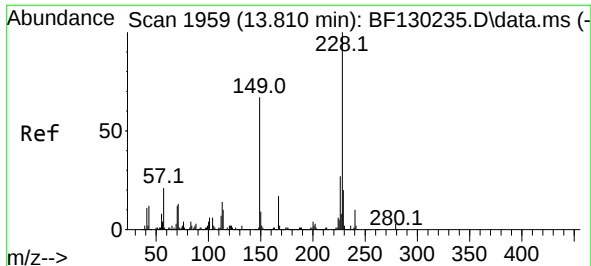
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#80
 Butylbenzylphthalate
 Concen: 21.637 ng
 RT: 13.227 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: BF130455.D
 Acq: 28 Sep 2022 19:12

Tgt Ion:149 Resp: 150323
 Ion Ratio Lower Upper
 149 100
 91 69.9 59.8 89.8
 206 19.5 13.9 20.9





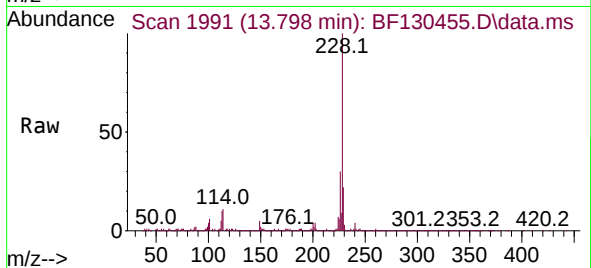
#81
Benzo(a)anthracene
Concen: 149.482 ng
RT: 13.798 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

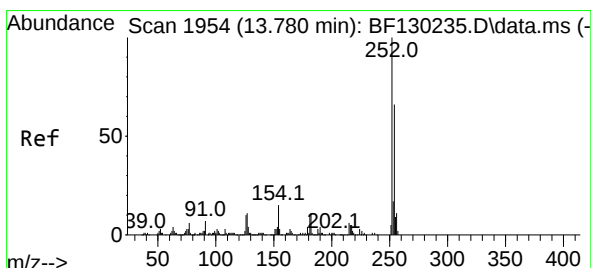
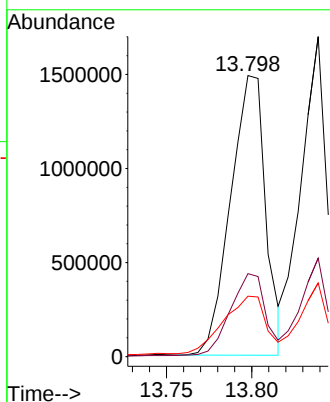
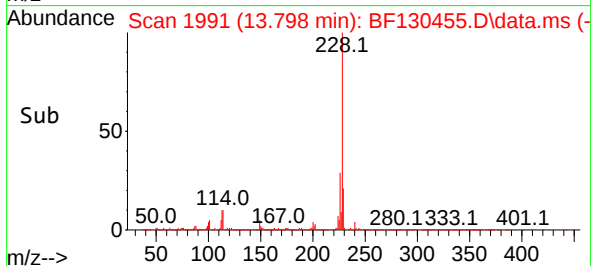


Tgt Ion:228 Resp: 2131812
Ion Ratio Lower Upper
228 100
226 29.5 21.9 32.9
229 21.5 16.1 24.1

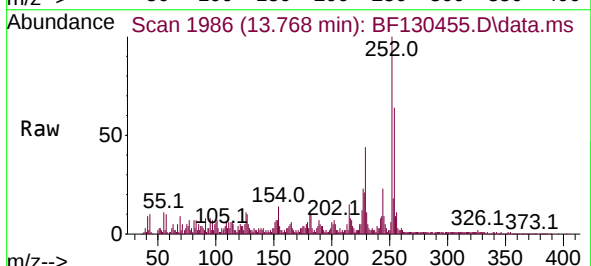
Manual Integrations

APPROVED

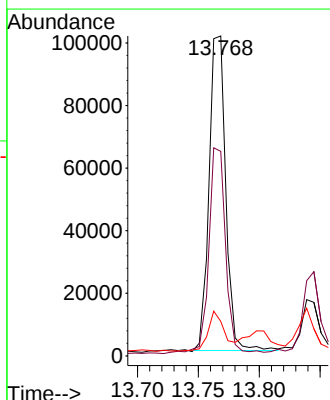
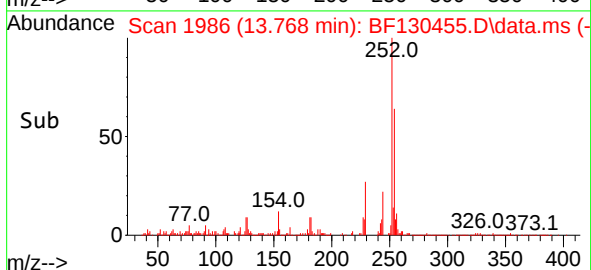
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

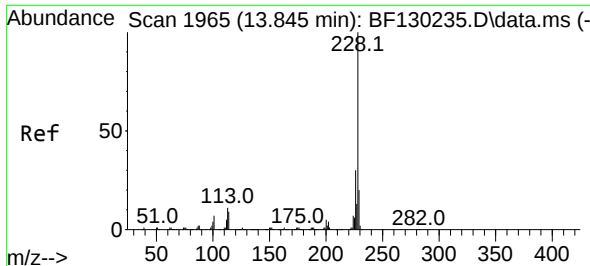


#82
3,3'-Dichlorobenzidine
Concen: 24.795 ng
RT: 13.768 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



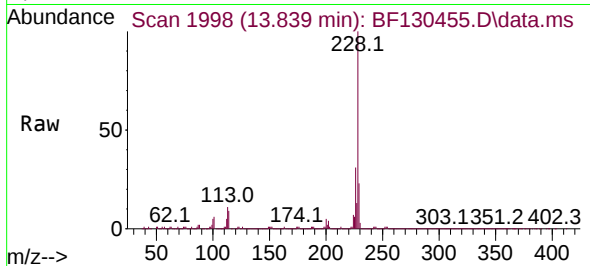
Tgt Ion:252 Resp: 96256
Ion Ratio Lower Upper
252 100
254 63.9 51.1 76.7
126 10.8 10.4 15.6





#83
Chrysene
Concen: 129.848 ng m
RT: 13.839 min Scan# 1965
Delta R.T. 0.023 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

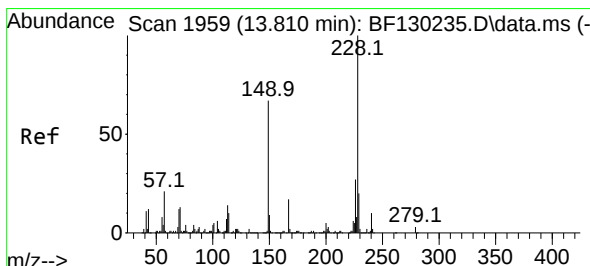
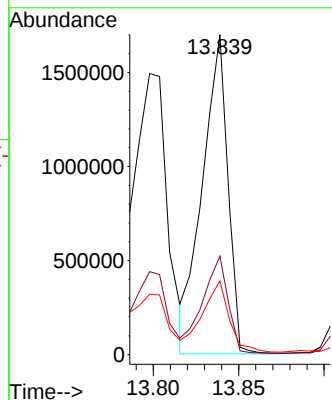
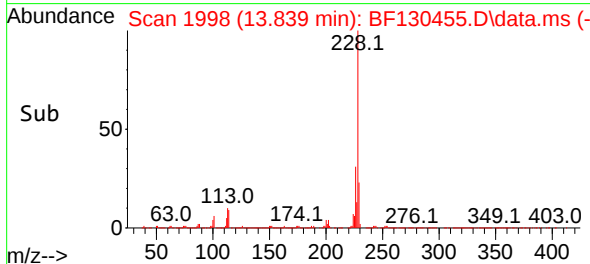
Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD



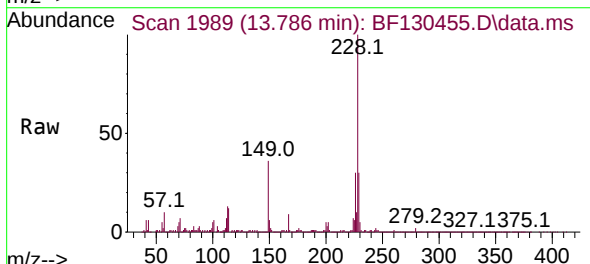
Tgt Ion:228 Resp: 1758293
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 23.0 15.3 22.9

Manual Integrations
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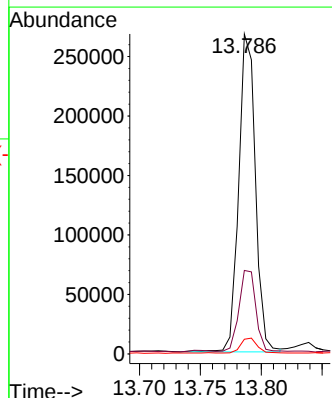
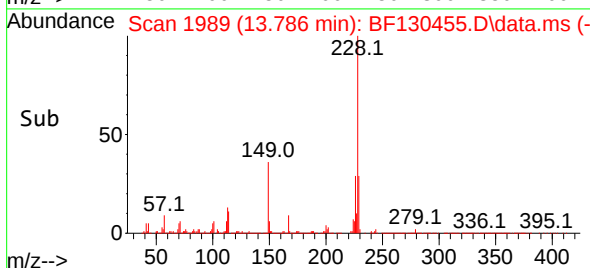
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

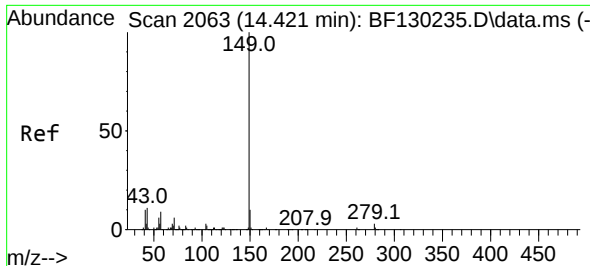


#84
Bis(2-ethylhexyl)phthalate
Concen: 32.116 ng
RT: 13.786 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12



Tgt Ion:149 Resp: 255574
Ion Ratio Lower Upper
149 100
167 26.1 20.5 30.7
279 4.6 2.9 4.3





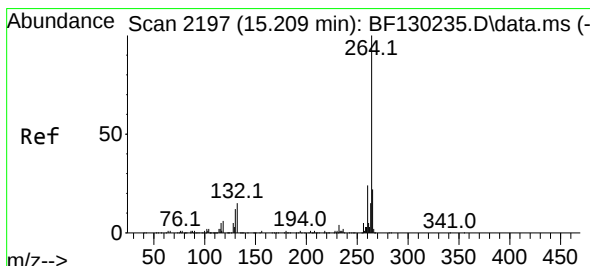
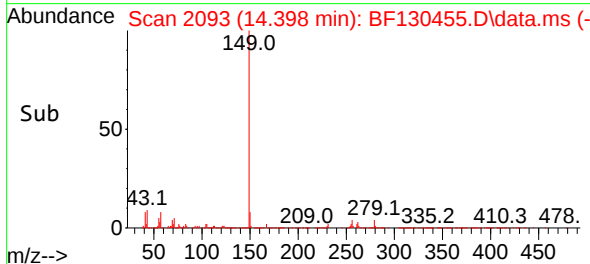
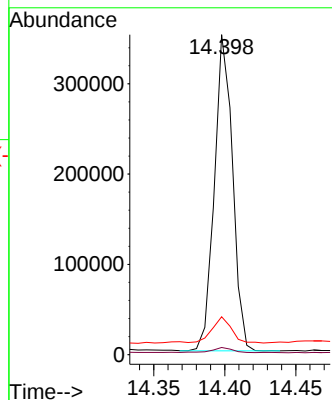
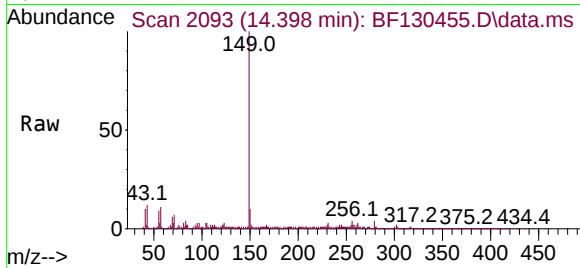
#85
Di-n-octyl phthalate
Concen: 25.687 ng
RT: 14.398 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Tgt Ion:149 Resp: 312652
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 10.9 8.7 13.1

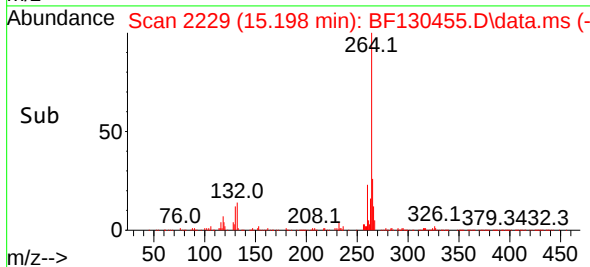
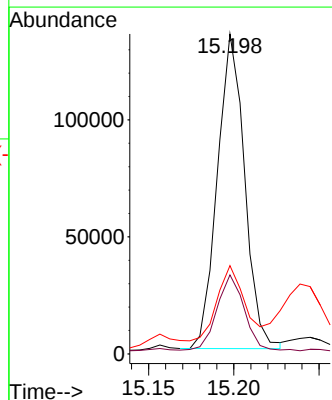
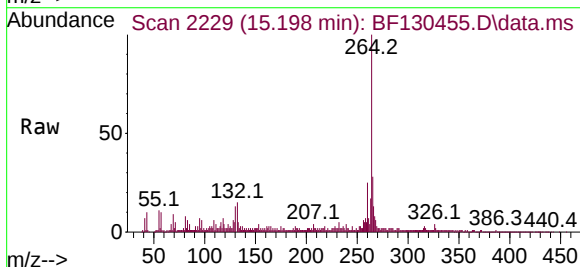
Manual Integrations
APPROVED

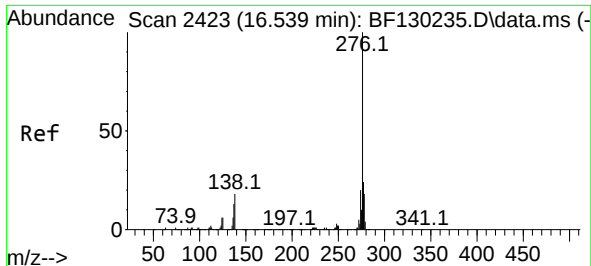
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.023 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:264 Resp: 149562
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 27.6 17.0 25.4





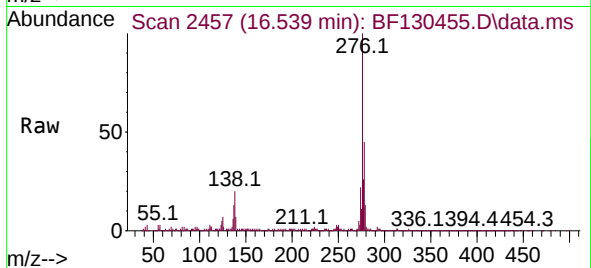
#87
Indeno(1,2,3-cd)pyrene
Concen: 74.716 ng m
RT: 16.539 min Scan# 2423
Delta R.T. 0.041 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OR-02-092722MSD

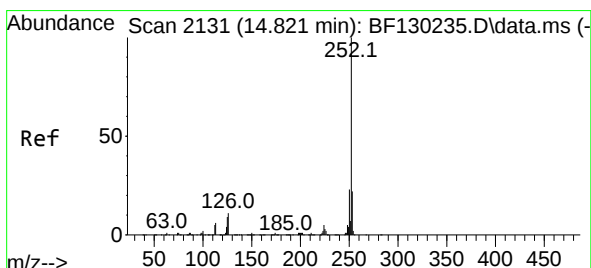
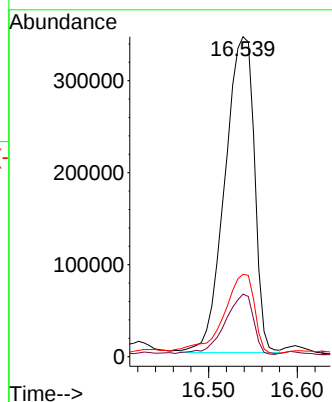
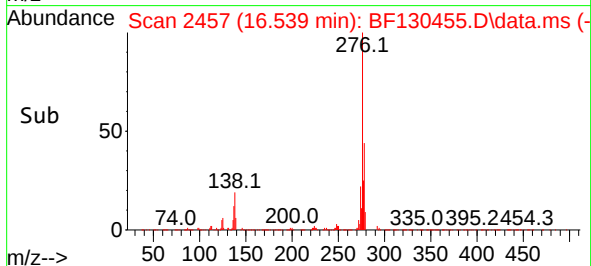


Tgt Ion: 276 Resp: 792442
Ion Ratio Lower Upper
276 100
138 2.7 18.5 27.7
277 3.4 20.2 30.4

Manual Integrations

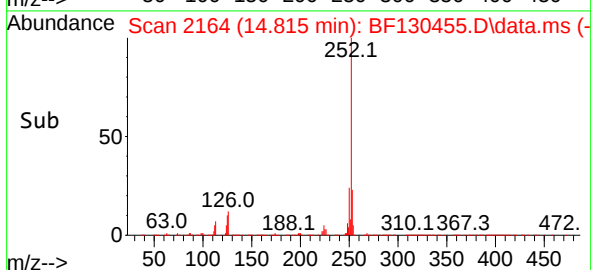
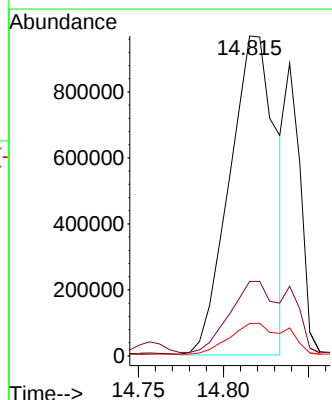
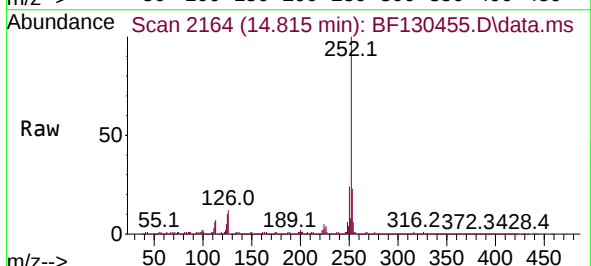
APPROVED

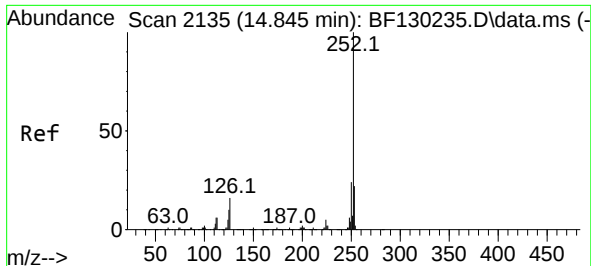
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022



#88
Benzo(b)fluoranthene
Concen: 186.204 ng m
RT: 14.815 min Scan# 2164
Delta R.T. 0.029 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion: 252 Resp: 1817693
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 10.2 8.1 12.1





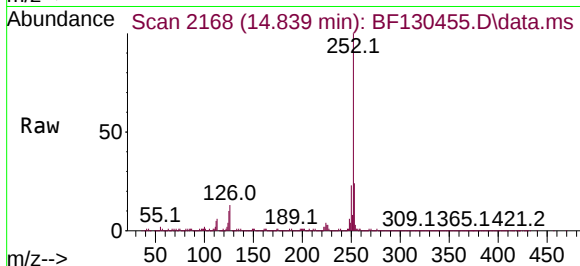
#89
Benzo(k)fluoranthene
Concen: 57.142 ng m
RT: 14.839 min Scan# 2135
Delta R.T. 0.023 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :

BNF_F

ClientSampleId :

OR-02-092722MSD

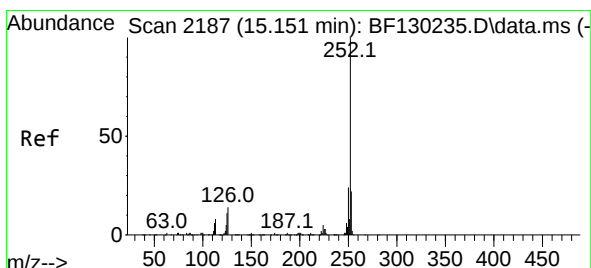
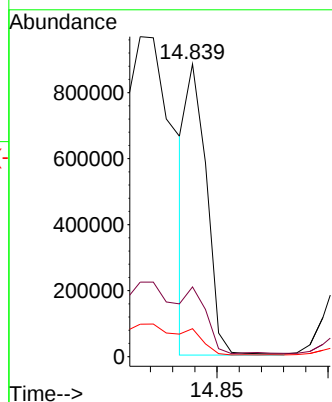
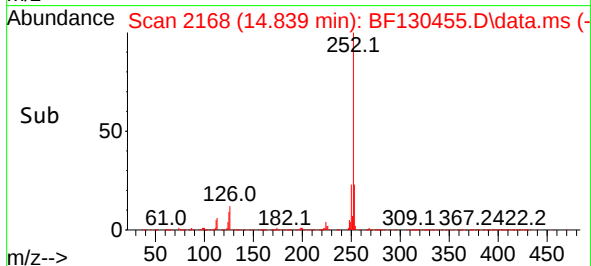


Tgt Ion:252 Resp: 548714
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 9.6 7.9 11.9

Manual Integrations

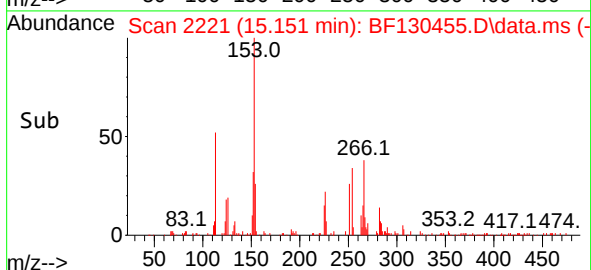
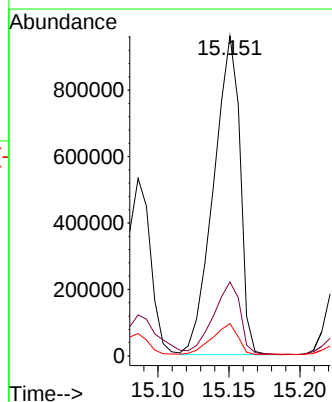
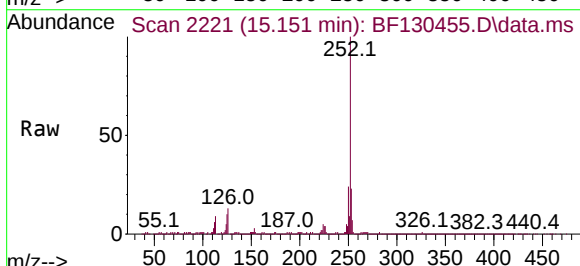
APPROVED

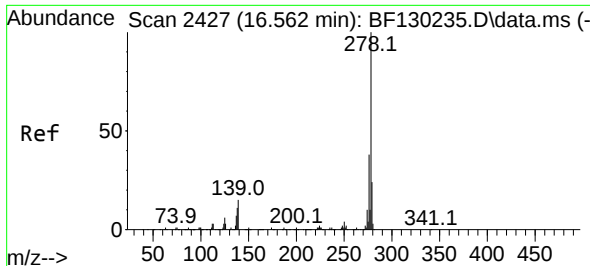
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#90
Benzo(a)pyrene
Concen: 160.633 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.035 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:252 Resp: 1242292
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 10.1 9.0 13.6





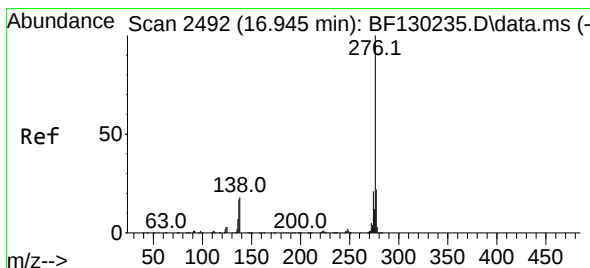
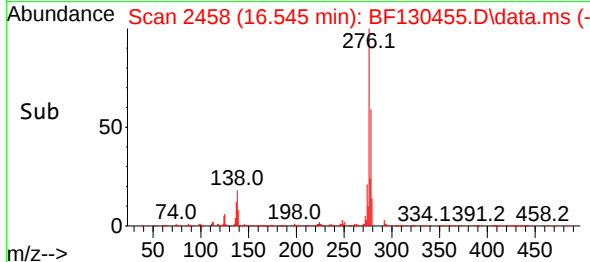
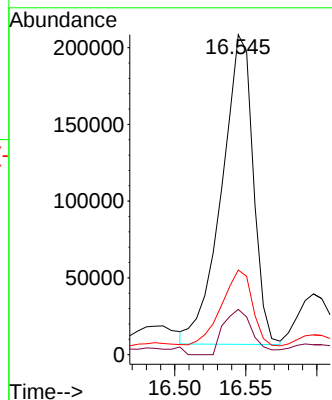
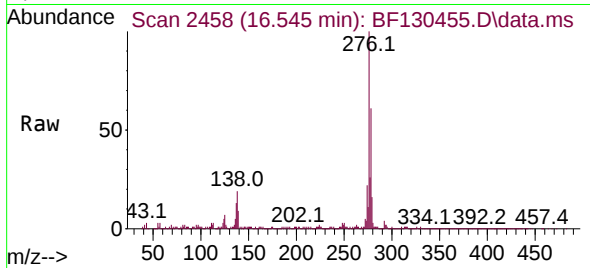
#91
Dibenzo(a,h)anthracene
Concen: 35.778 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.035 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MSD

Tgt Ion:278 Resp: 311291
Ion Ratio Lower Upper
278 100
139 14.1 11.8 17.8
279 26.4 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#92
Benzo(g,h,i)perylene
Concen: 80.861 ng
RT: 16.945 min Scan# 2526
Delta R.T. 0.053 min
Lab File: BF130455.D
Acq: 28 Sep 2022 19:12

Tgt Ion:276 Resp: 708718
Ion Ratio Lower Upper
276 100
277 24.3 18.6 27.8
138 17.4 14.6 21.8

