

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132225.D
 Acq On : 30 Jan 2023 22:59
 Operator : CG\JU
 Sample : 01353-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/31/2023
 Supervised By : Jagrut Upadhyay 01/31/2023

Quant Time: Jan 31 00:35:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	204904	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	770411	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	403221	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	701353	20.000	ng	0.00
76) Chrysene-d12	14.295	240	345304	20.000	ng	0.00
86) Perylene-d12	15.883	264	404761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1227431	99.667	ng	0.02
7) Phenol-d6	6.695	99	1565578	101.386	ng	0.00
23) Nitrobenzene-d5	7.642	82	967165	65.723	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	410983	110.072	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1681729	61.370	ng	0.00
79) Terphenyl-d14	13.218	244	1423220	64.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	253361	40.875	ng	96
3) Pyridine	3.831	79	643499	37.799	ng	98
4) n-Nitrosodimethylamine	3.790	42	233400	40.964	ng	91
6) Aniline	6.742	93	668103m	30.898	ng	
8) 2-Chlorophenol	6.866	128	647613	52.445	ng	95
9) Benzaldehyde	6.631	77	449048	59.113	ng	98
10) Phenol	6.707	94	775251	48.226	ng	98
11) bis(2-Chloroethyl)ether	6.813	93	640224	46.170	ng	96
12) 1,3-Dichlorobenzene	7.025	146	679455	49.495	ng	98
13) 1,4-Dichlorobenzene	7.101	146	675013	49.323	ng	98
14) 1,2-Dichlorobenzene	7.254	146	655281	51.542	ng	98
15) Benzyl Alcohol	7.219	79	547850	48.284	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	704457	44.736	ng	97
17) 2-Methylphenol	7.319	107	523078	46.588	ng	98
18) Hexachloroethane	7.595	117	256569	51.020	ng	98
19) n-Nitroso-di-n-propyla...	7.489	70	414535	44.602	ng	95
20) 3+4-Methylphenols	7.472	107	660222	46.787	ng	93
22) Acetophenone	7.489	105	842774	44.741	ng	97
24) Nitrobenzene	7.666	77	666469	43.806	ng	94
25) Isophorone	7.901	82	1257846	44.445	ng	97
26) 2-Nitrophenol	7.978	139	320387	51.633	ng	96
27) 2,4-Dimethylphenol	8.007	122	576164	48.684	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	768023	44.078	ng	99
29) 2,4-Dichlorophenol	8.219	162	535957	48.501	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	592327	46.659	ng	99
31) Naphthalene	8.389	128	1700988	44.623	ng	99
32) Benzoic acid	8.101	122	345353m	44.211	ng	
33) 4-Chloroaniline	8.430	127	194290	11.757	ng	98
34) Hexachlorobutadiene	8.501	225	363966	45.897	ng	98
35) Caprolactam	8.813	113	174327m	55.716	ng	
36) 4-Chloro-3-methylphenol	8.907	107	549697	48.576	ng	99
37) 2-Methylnaphthalene	9.083	142	1165356	44.557	ng	100
38) 1-Methylnaphthalene	9.183	142	1087260	44.814	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	624280	46.133	ng	100
41) Hexachlorocyclopentadiene	9.236	237	673240	97.949	ng	99
43) 2,4,6-Trichlorophenol	9.354	196	413109	50.032	ng	99

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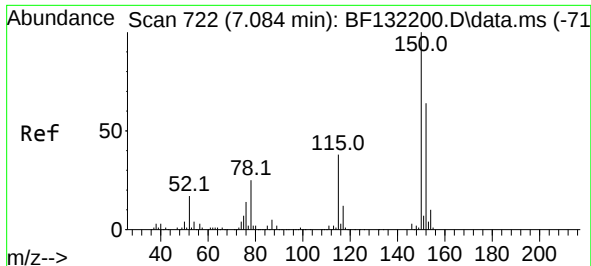
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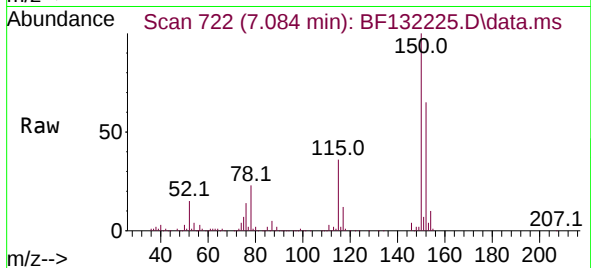
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	436891	45.183	ng	97
46) 1,1'-Biphenyl	9.548	154	1396843	44.952	ng	99
47) 2-Chloronaphthalene	9.577	162	1111584	46.089	ng	99
48) 2-Nitroaniline	9.666	65	311817	48.141	ng	92
49) Acenaphthylene	9.995	152	1686975	45.019	ng	99
50) Dimethylphthalate	9.848	163	1291049	47.179	ng	100
51) 2,6-Dinitrotoluene	9.907	165	294795	50.708	ng	93
52) Acenaphthene	10.172	154	1074506	46.637	ng	99
53) 3-Nitroaniline	10.077	138	196457	30.539	ng	96
54) 2,4-Dinitrophenol	10.183	184	182905	62.698	ng	91
55) Dibenzofuran	10.342	168	1536918	44.528	ng	100
56) 4-Nitrophenol	10.230	139	430142	92.547	ng	97
57) 2,4-Dinitrotoluene	10.313	165	377537	52.750	ng	93
58) Fluorene	10.689	166	1183580	44.893	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	343734	50.031	ng	98
60) Diethylphthalate	10.548	149	1271195	47.654	ng	99
61) 4-Chlorophenyl-phenylether	10.672	204	632053	45.447	ng	99
62) 4-Nitroaniline	10.701	138	267377	44.297	ng	94
63) Azobenzene	10.836	77	1219390	43.316	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	145883	41.064	ng	95
66) n-Nitrosodiphenylamine	10.795	169	1044701	47.434	ng	100
67) 4-Bromophenyl-phenylether	11.166	248	397669	49.252	ng	92
68) Hexachlorobenzene	11.236	284	414112	51.761	ng	95
69) Atrazine	11.319	200	356272	56.361	ng	99
70) Pentachlorophenol	11.424	266	413836	78.370	ng	99
71) Phenanthrene	11.660	178	1662043	46.583	ng	99
72) Anthracene	11.713	178	1638225	45.090	ng	100
73) Carbazole	11.860	167	1393078	44.634	ng	100
74) Di-n-butylphthalate	12.183	149	1779973	50.128	ng	99
75) Fluoranthene	12.854	202	1528533	42.105	ng	99
77) Benzidine	12.971	184	453017	50.262	ng	98
78) Pyrene	13.089	202	1479373	45.725	ng	99
80) Butylbenzylphthalate	13.695	149	546947	50.174	ng	94
81) Benzo(a)anthracene	14.283	228	1147777	47.275	ng	99
82) 3,3'-Dichlorobenzidine	14.236	252	170967	25.986	ng	97
83) Chrysene	14.318	228	1060134	46.856	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	782818	55.456	ng	99
85) Di-n-octyl phthalate	14.889	149	1198246	56.434	ng	97
87) Indeno(1,2,3-cd)pyrene	17.536	276	1193061	44.582	ng	98
88) Benzo(b)fluoranthene	15.406	252	1182549	47.570	ng	99
89) Benzo(k)fluoranthene	15.436	252	1159573	45.206	ng	99
90) Benzo(a)pyrene	15.812	252	1087029	46.333	ng	99
91) Dibenzo(a,h)anthracene	17.559	278	969294	44.300	ng	99
92) Benzo(g,h,i)perylene	18.042	276	910526	40.815	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.084 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132225.D
 Acq: 30 Jan 2023 22:59

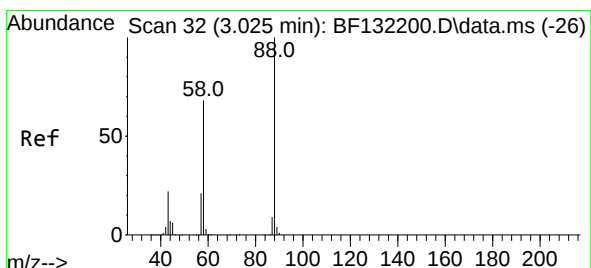
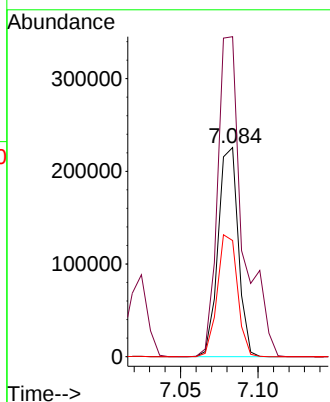
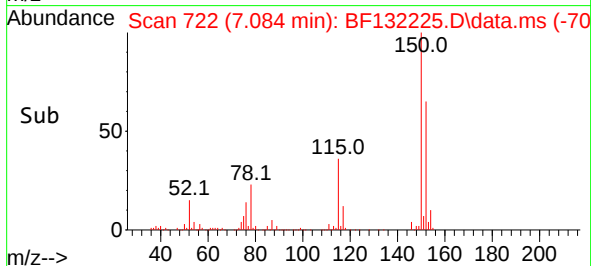
Instrument :
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 ClientSampleId :
 72-11985MSD



Tgt Ion:152 Resp: 204904
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.5 186.7
 115 55.6 47.0 70.6

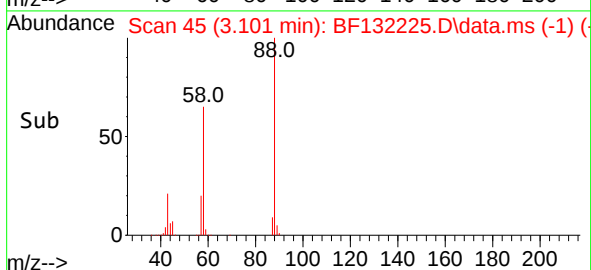
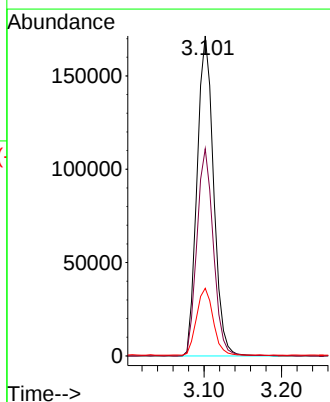
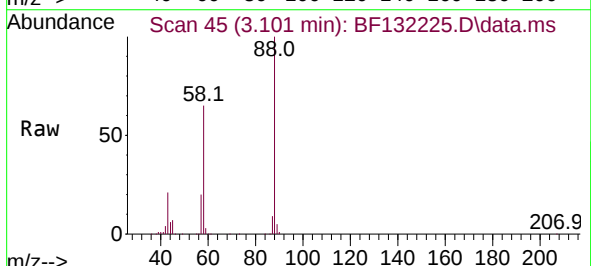
Manual Integrations
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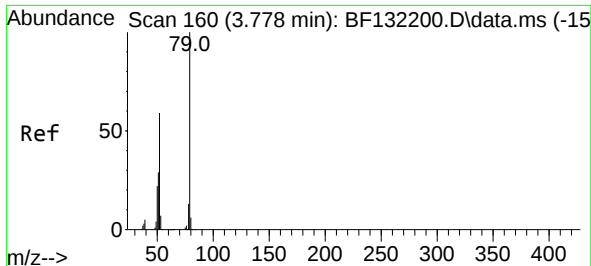
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#2
 1,4-Dioxane
 Concen: 40.875 ng
 RT: 3.101 min Scan# 45
 Delta R.T. 0.076 min
 Lab File: BF132225.D
 Acq: 30 Jan 2023 22:59

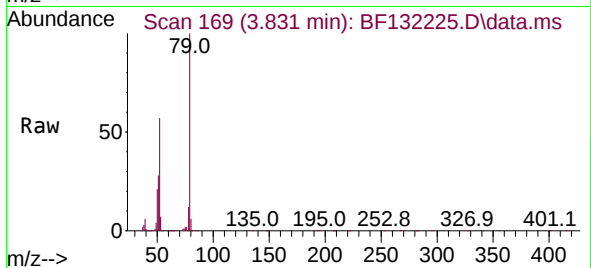
Tgt Ion: 88 Resp: 253361
 Ion Ratio Lower Upper
 88 100
 58 64.3 54.1 81.1
 43 21.0 18.0 27.0





#3
Pyridine
Concen: 37.799 ng
RT: 3.831 min Scan# 160
Delta R.T. 0.053 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

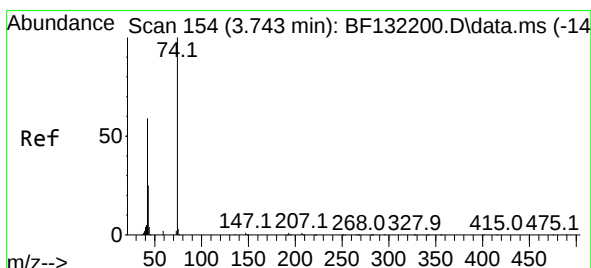
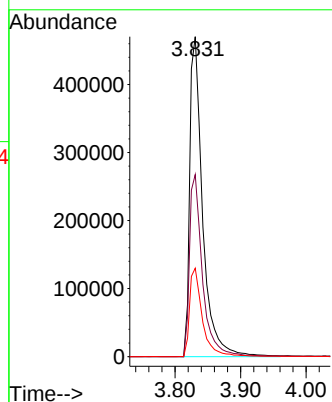
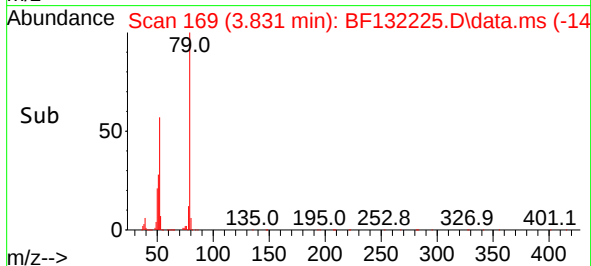
Instrument :
BNA_F
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72-11985MSD



Tgt Ion: 79 Resp: 643499
Ion Ratio Lower Upper
79 100
52 56.9 46.8 70.2
51 27.6 23.0 34.6

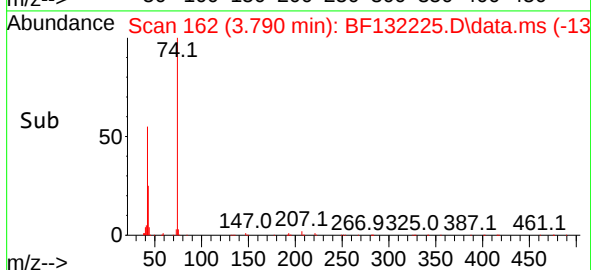
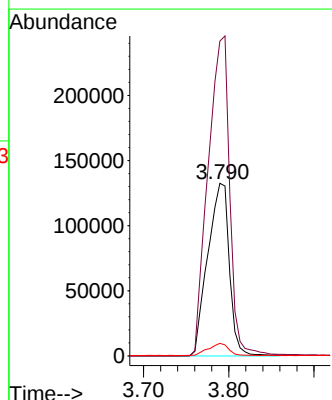
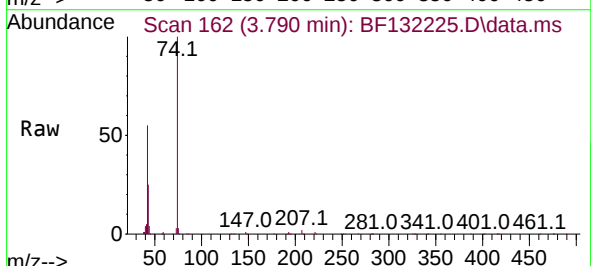
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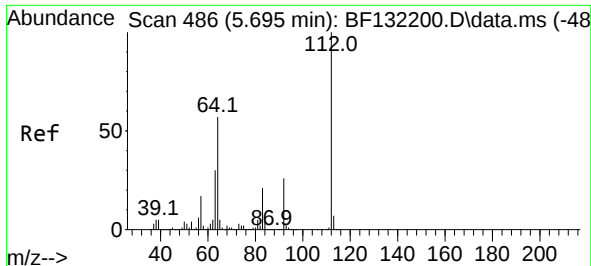
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#4
n-Nitrosodimethylamine
Concen: 40.964 ng
RT: 3.790 min Scan# 162
Delta R.T. 0.047 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

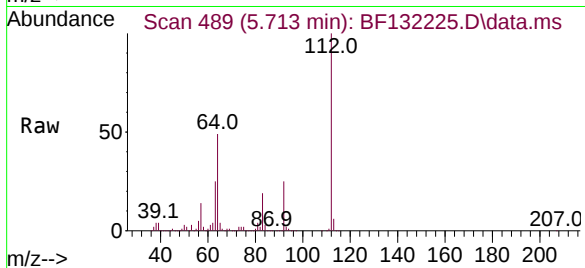
Tgt Ion: 42 Resp: 233400
Ion Ratio Lower Upper
42 100
74 182.3 135.3 202.9
44 7.3 5.1 7.7





#5
2-Fluorophenol
Concen: 99.667 ng
RT: 5.713 min Scan# 486
Delta R.T. 0.018 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

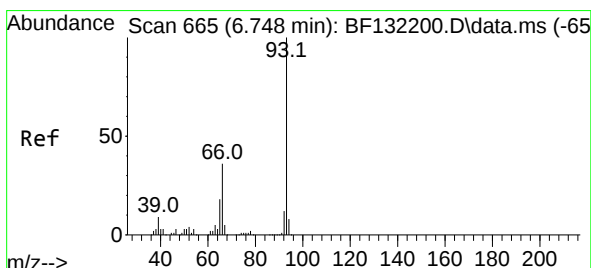
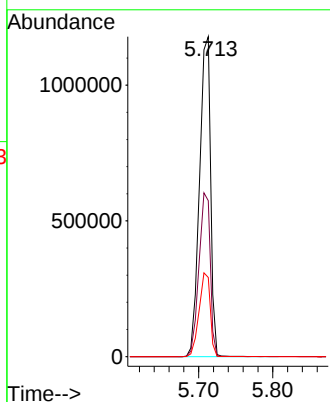
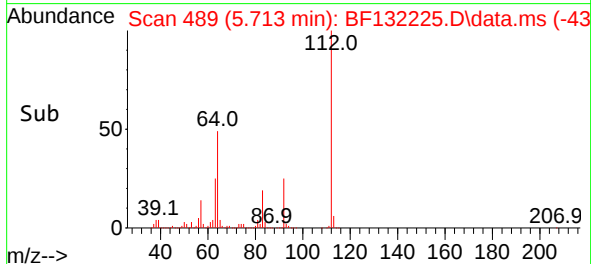
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Tgt Ion: 112 Resp: 122743
Ion Ratio Lower Upper
112 100
64 48.7 45.5 68.3
63 24.7 23.7 35.5

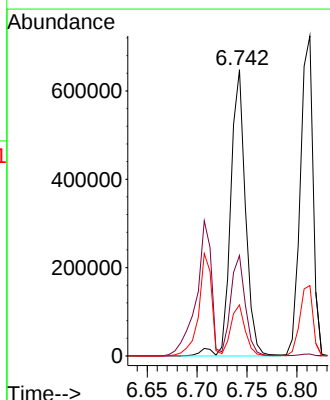
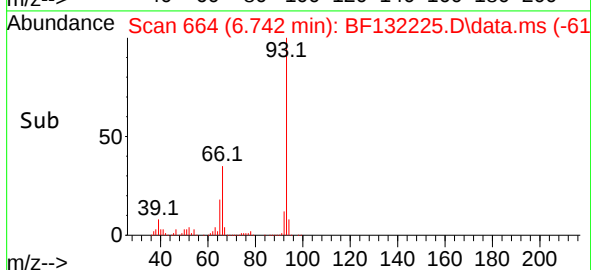
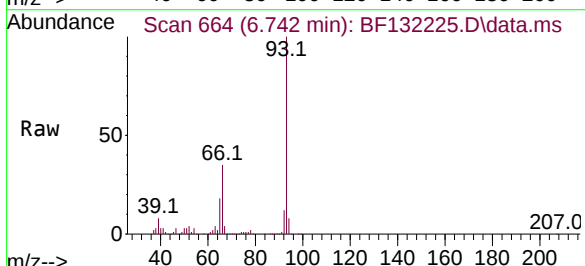
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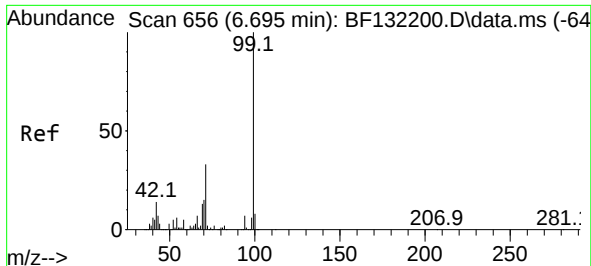
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#6
Aniline
Concen: 30.898 ng m
RT: 6.742 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

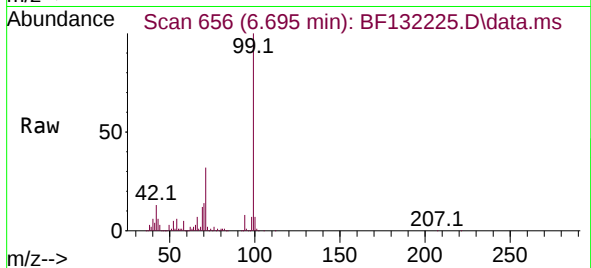
Tgt Ion: 93 Resp: 668103
Ion Ratio Lower Upper
93 100
66 35.1 28.7 43.1
65 17.8 14.7 22.1





#7
Phenol-d6
Concen: 101.386 ng
RT: 6.695 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

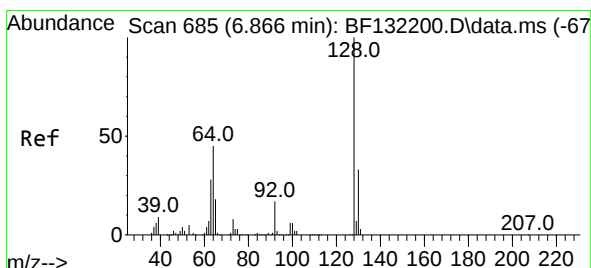
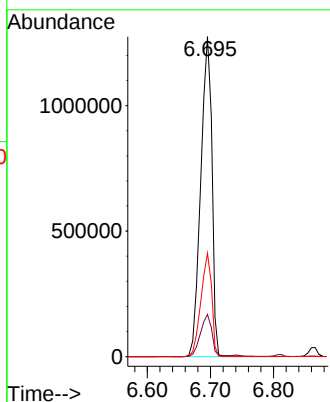
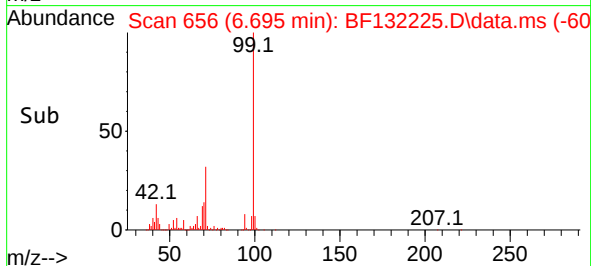
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Tgt Ion: 99 Resp: 1565578
Ion Ratio Lower Upper
99 100
42 13.2 11.3 16.9
71 32.3 26.3 39.5

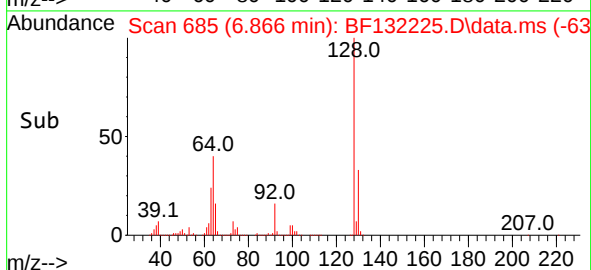
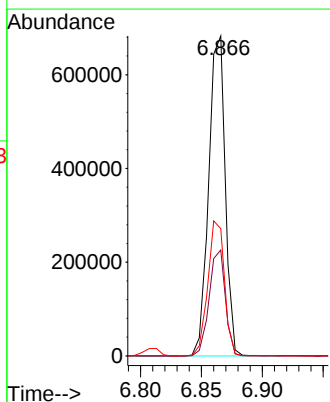
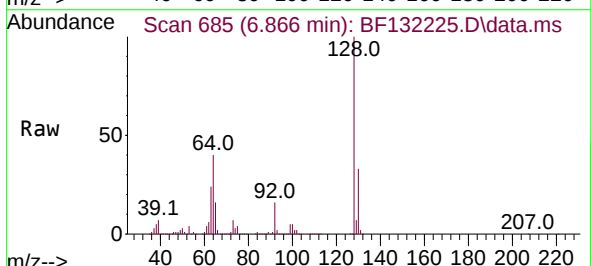
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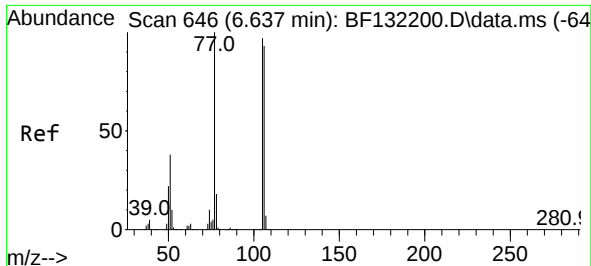
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#8
2-Chlorophenol
Concen: 52.445 ng
RT: 6.866 min Scan# 685
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

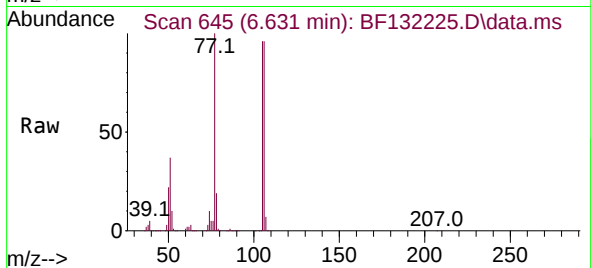
Tgt Ion:128 Resp: 647613
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 39.8 25.7 65.7





#9
Benzaldehyde
Concen: 59.113 ng
RT: 6.631 min Scan# 646
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

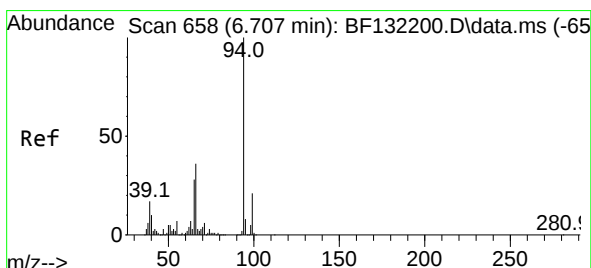
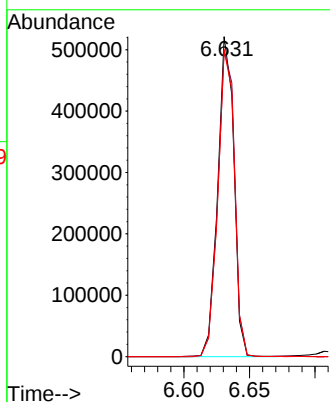
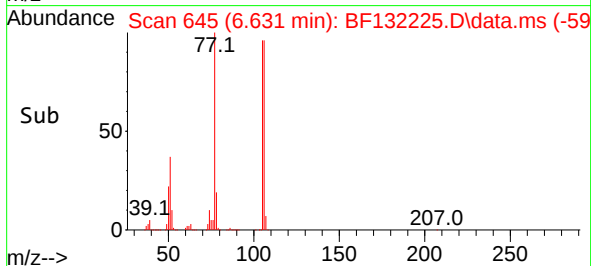
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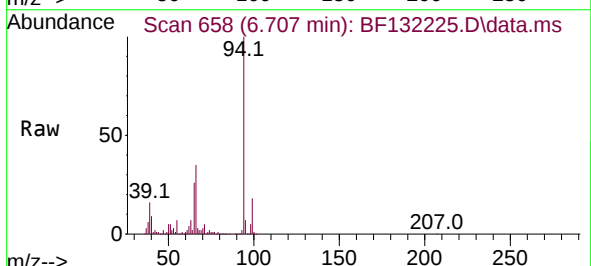
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Ion Ratio Lower Upper
77 100
105 95.6 77.0 117.0
106 95.7 73.2 113.2

Manual Integrations
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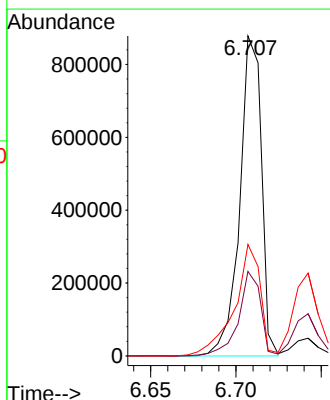
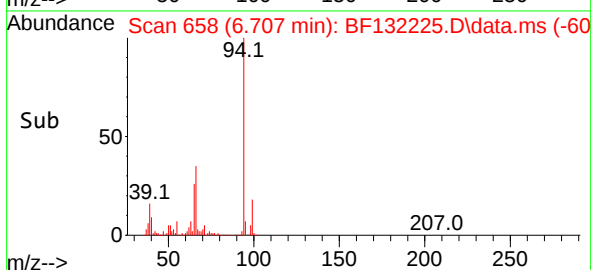
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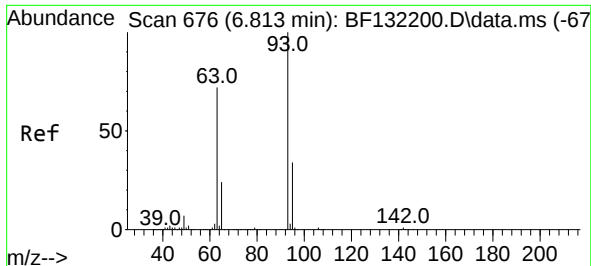


#10
Phenol
Concen: 48.226 ng
RT: 6.707 min Scan# 658
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



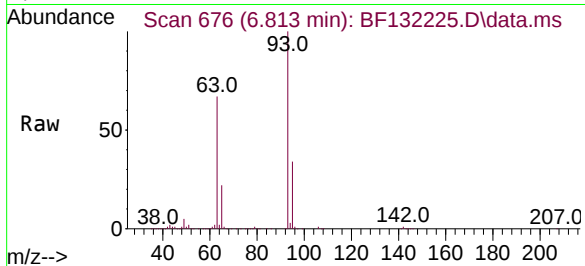
Tgt Ion: 94 Resp: 775251
Ion Ratio Lower Upper
94 100
65 26.4 7.6 47.6
66 34.8 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 46.170 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

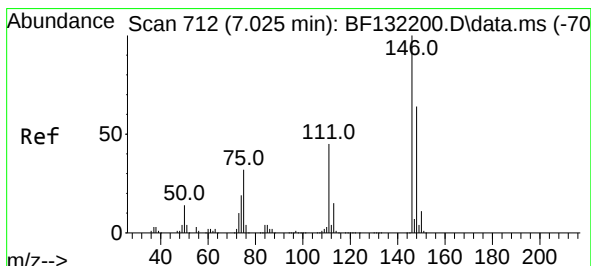
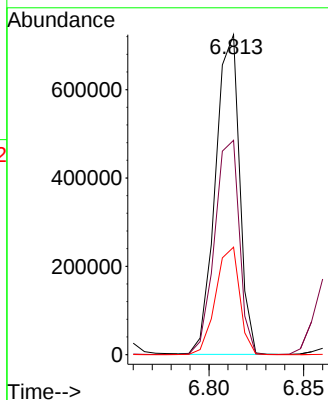
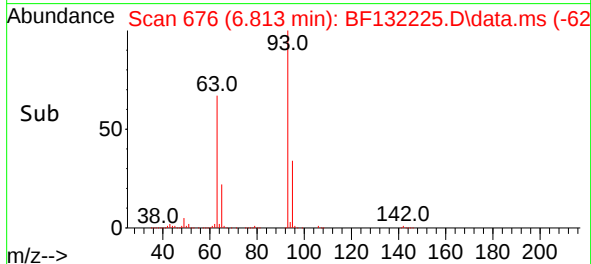
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 93 Resp: 640224
Ion Ratio Lower Upper
93 100
63 67.0 52.2 92.2
95 33.6 13.8 53.8

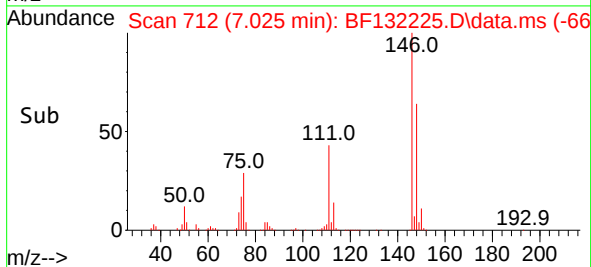
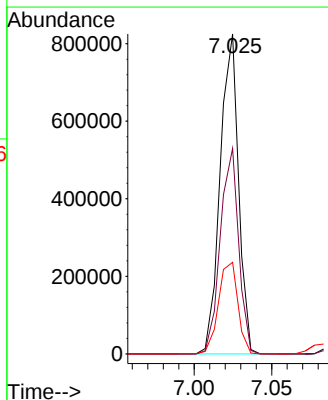
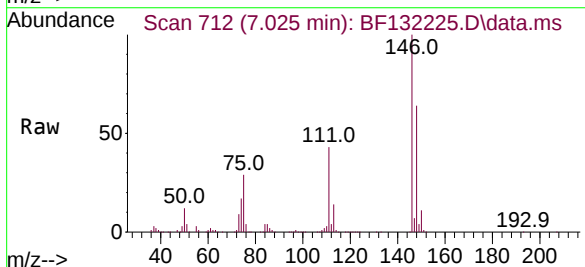
Manual Integrations
APPROVED

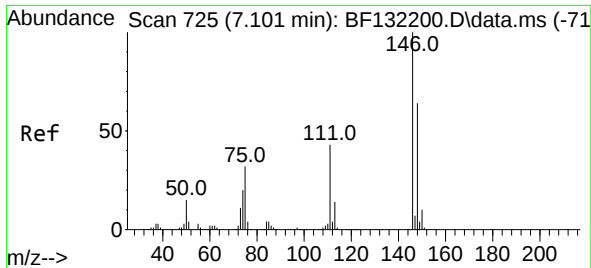
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#12
1,3-Dichlorobenzene
Concen: 49.495 ng
RT: 7.025 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:146 Resp: 679455
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 28.6 25.4 38.2





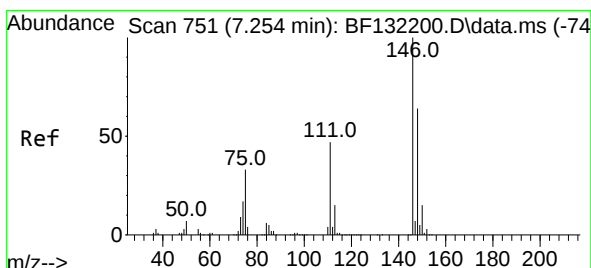
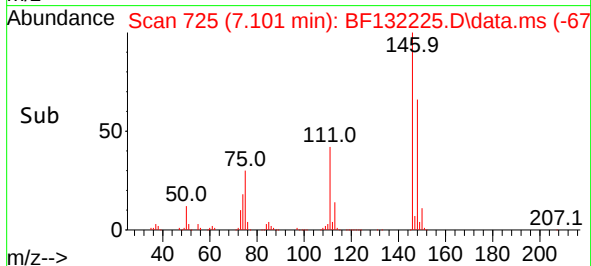
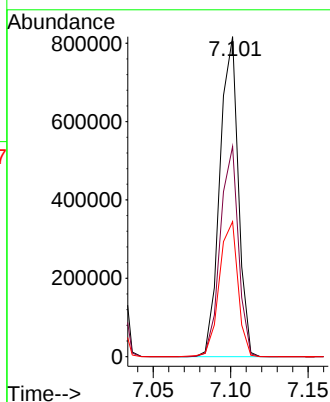
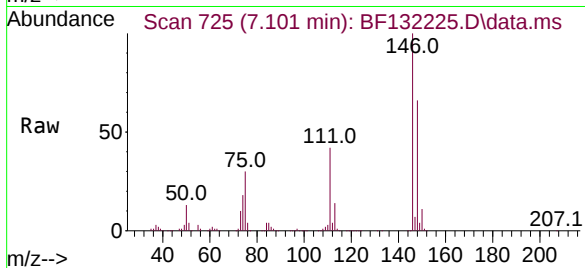
#13
1,4-Dichlorobenzene
Concen: 49.323 ng
RT: 7.101 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Instrument :
BNA_F
ClientSampleId :
72-11985MSD

Tgt Ion:146 Resp: 675013
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
111 42.2 34.2 51.4

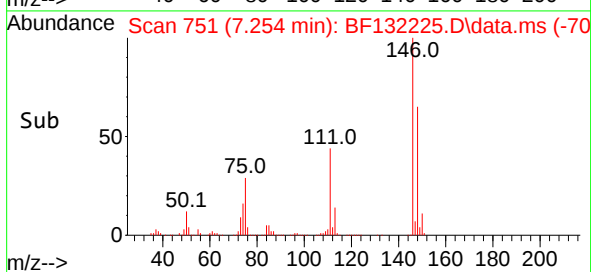
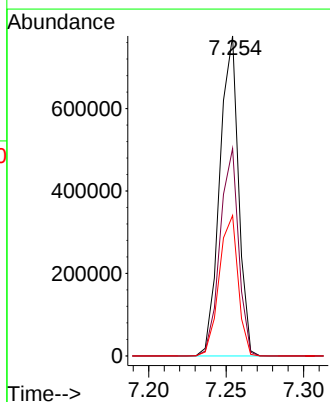
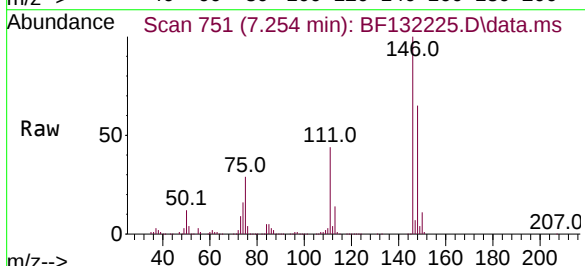
Manual Integrations
APPROVED

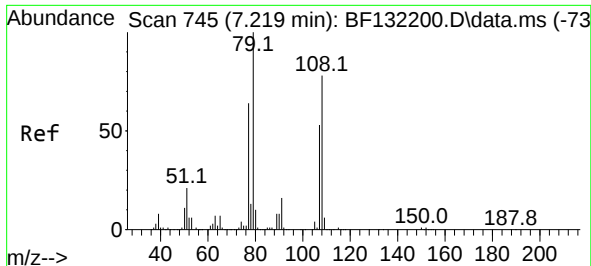
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#14
1,2-Dichlorobenzene
Concen: 51.542 ng
RT: 7.254 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

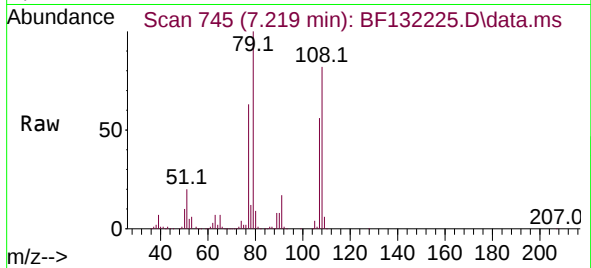
Tgt Ion:146 Resp: 655281
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 43.9 37.5 56.3





#15
Benzyl Alcohol
Concen: 48.284 ng
RT: 7.219 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

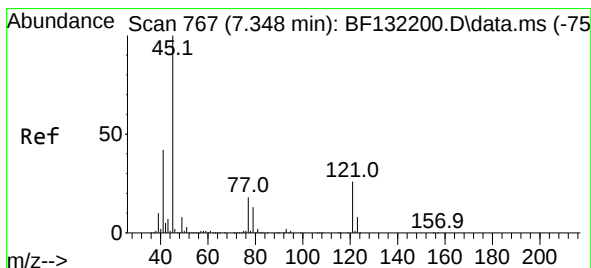
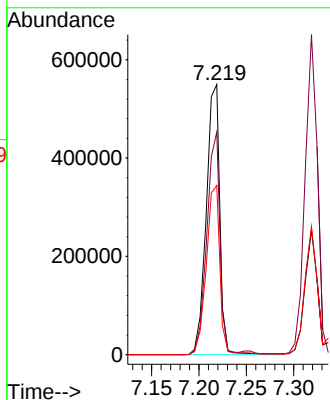
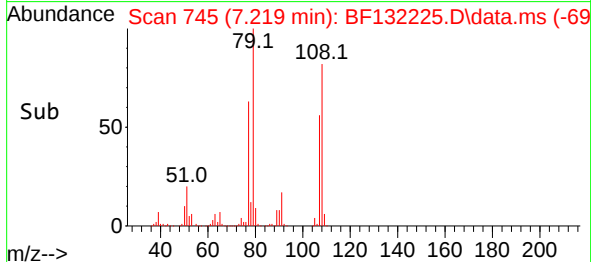
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 79 Resp: 547850
Ion Ratio Lower Upper
79 100
108 82.4 62.2 93.4
77 62.6 51.5 77.3

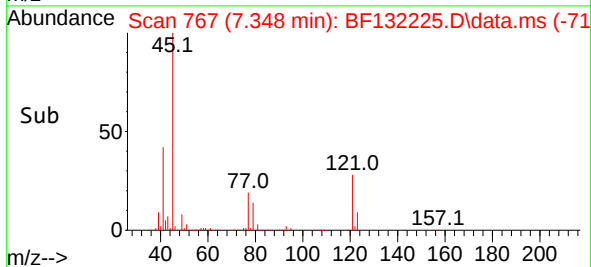
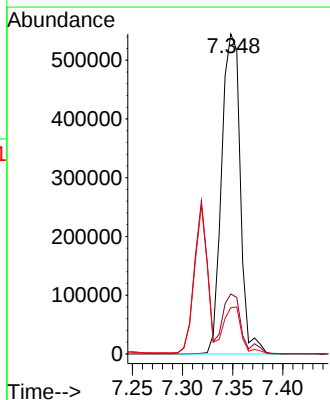
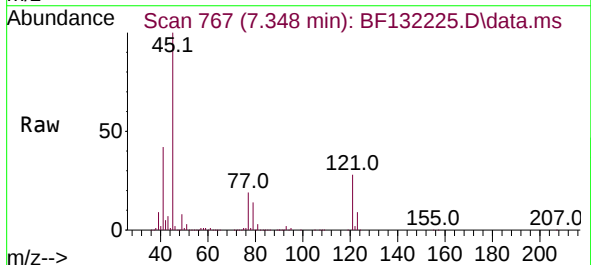
Manual Integrations
APPROVED

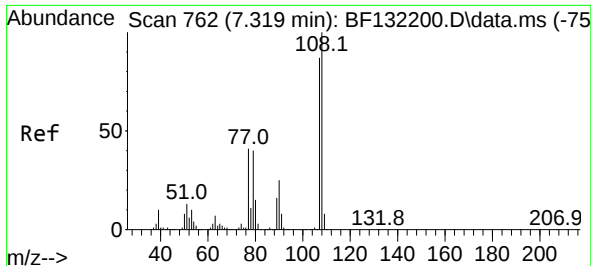
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.736 ng
RT: 7.348 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion: 45 Resp: 704457
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.0
79 14.4 0.0 32.9





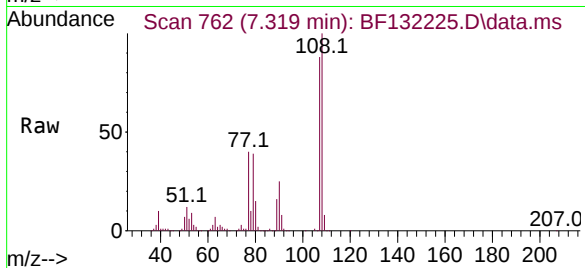
#17
2-Methylphenol
Concen: 46.588 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

Client Sample Id :

72-11985MSD

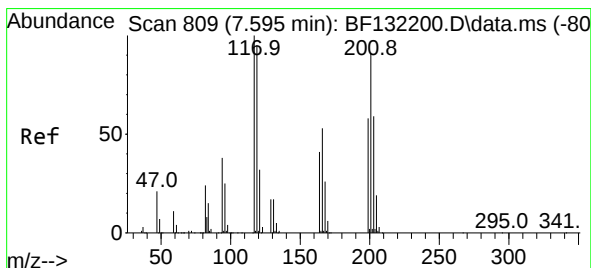
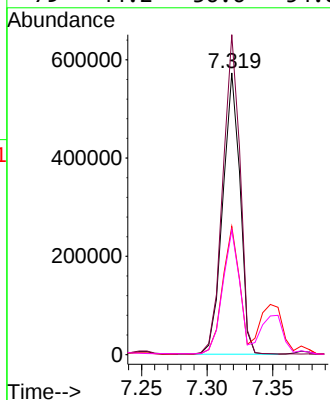
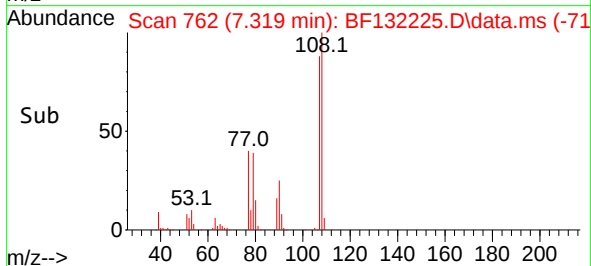


Tgt Ion:107 Resp: 523078
Ion Ratio Lower Upper
107 100
108 113.6 92.2 138.4
77 45.5 37.5 56.3
79 44.2 36.6 54.8

Manual Integrations

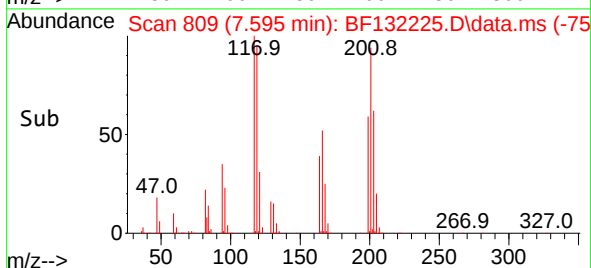
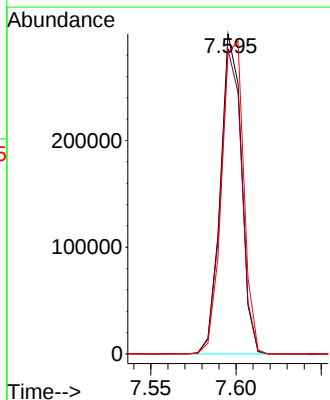
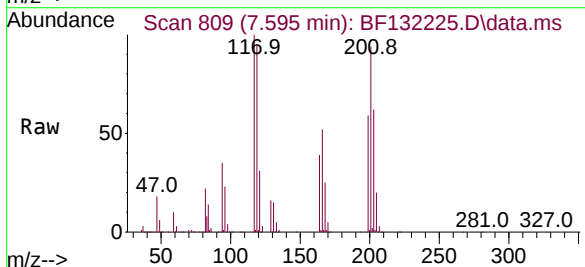
APPROVED

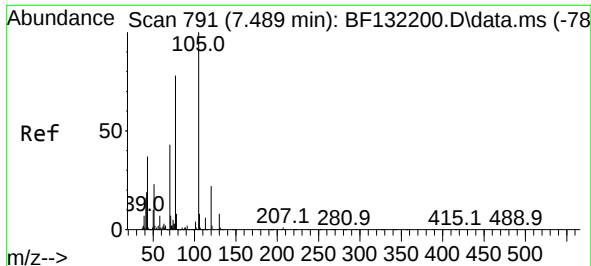
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#18
Hexachloroethane
Concen: 51.020 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

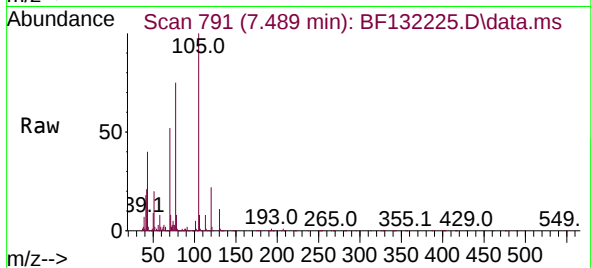
Tgt Ion:117 Resp: 256569
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0
201 94.1 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.602 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

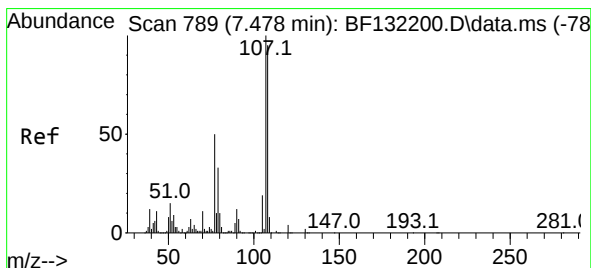
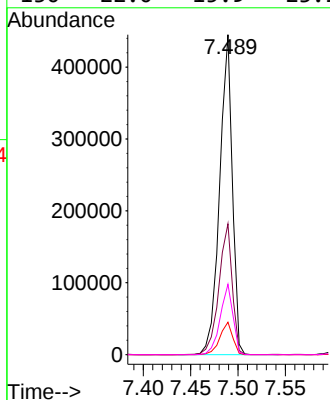
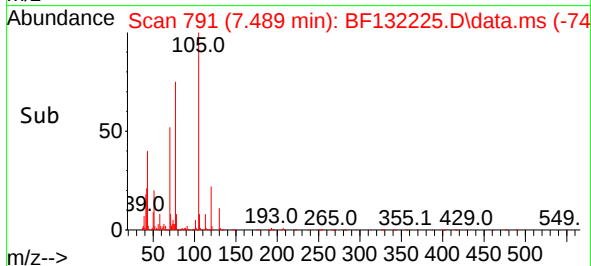
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



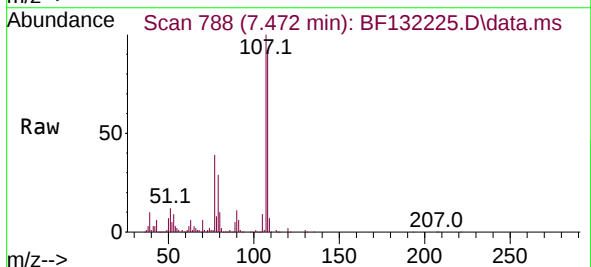
Tgt Ion: 70 Resp: 414535
Ion Ratio Lower Upper
70 100
42 40.9 36.2 54.4
101 10.1 7.9 11.9
130 22.0 15.9 23.9

Manual Integrations
APPROVED

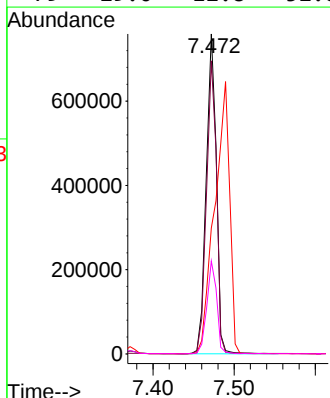
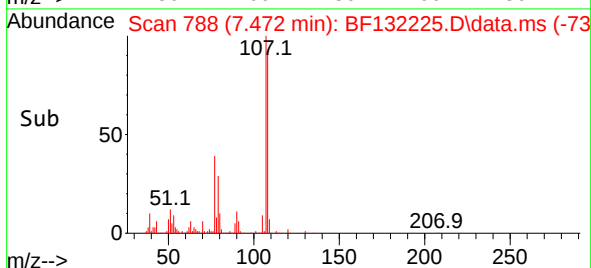
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

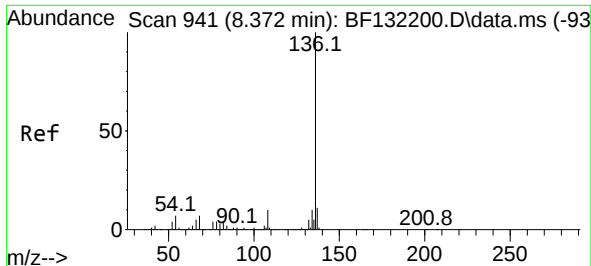


#20
3+4-Methylphenols
Concen: 46.787 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



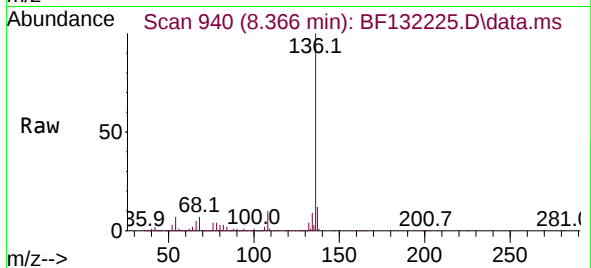
Tgt Ion:107 Resp: 660222
Ion Ratio Lower Upper
107 100
108 91.6 75.1 115.1
77 39.3 29.6 69.6
79 29.0 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

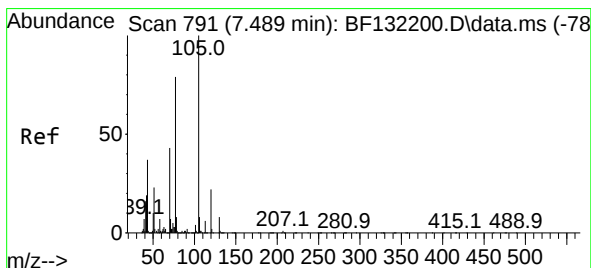
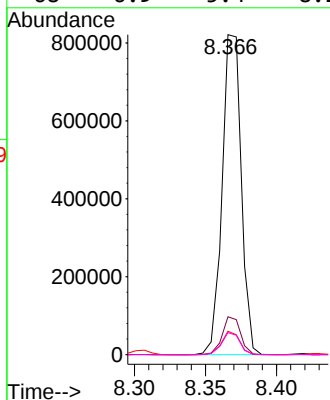
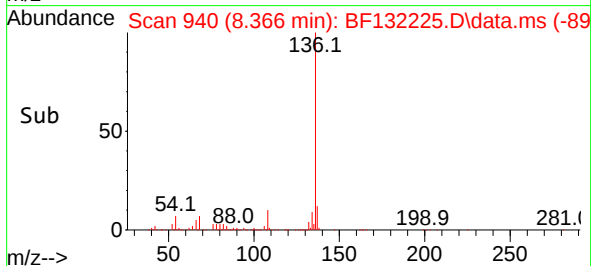
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:136 Resp: 770411
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 7.3 5.4 8.2
68 6.9 5.4 8.2

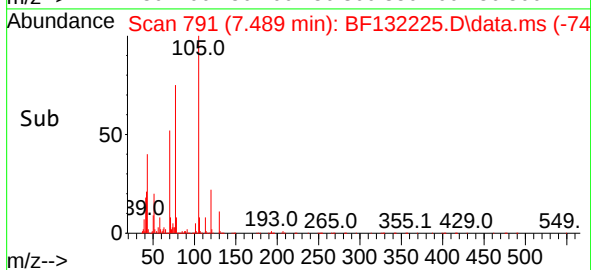
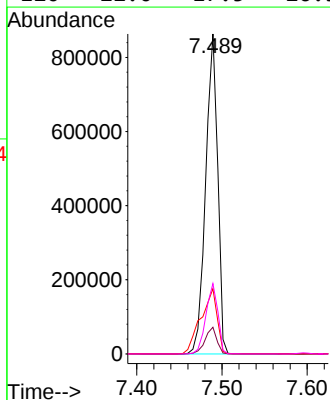
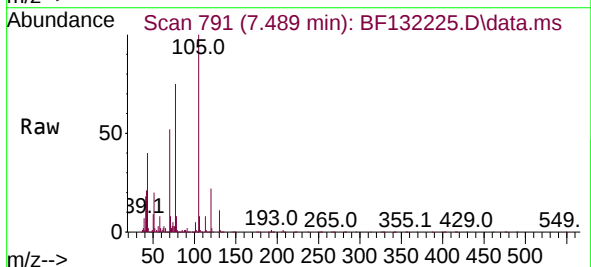
Manual Integrations
APPROVED

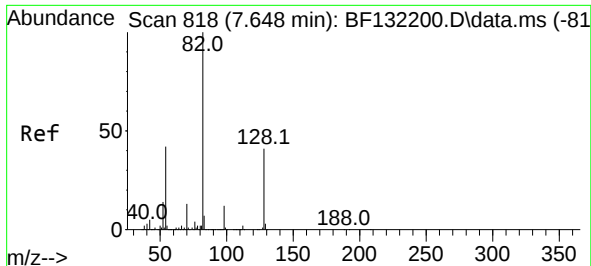
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#22
Acetophenone
Concen: 44.741 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

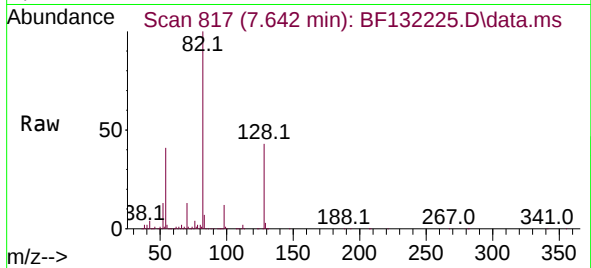
Tgt Ion:105 Resp: 842774
Ion Ratio Lower Upper
105 100
71 8.3 5.7 8.5
51 20.4 18.1 27.1
120 22.0 17.5 26.3





#23
Nitrobenzene-d5
Concen: 65.723 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

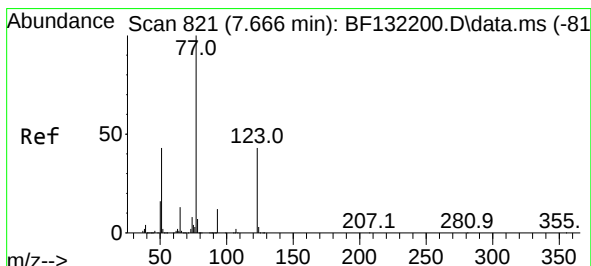
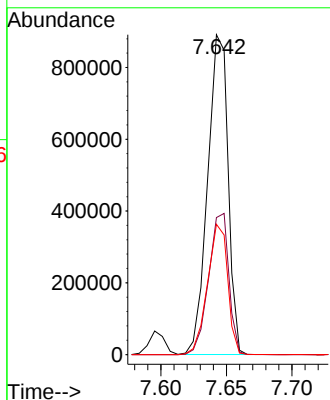
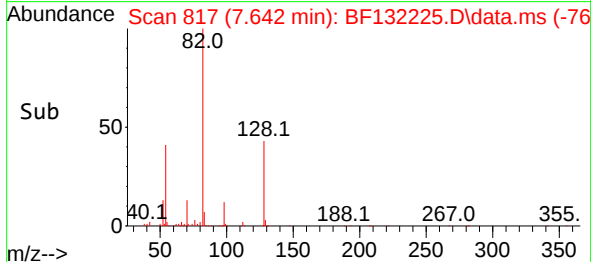
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 82 Resp: 967165
Ion Ratio Lower Upper
82 100
128 42.8 32.7 49.1
54 40.7 33.3 49.9

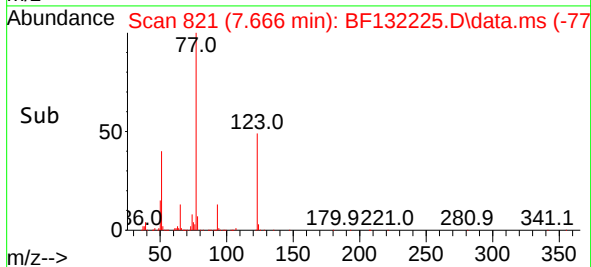
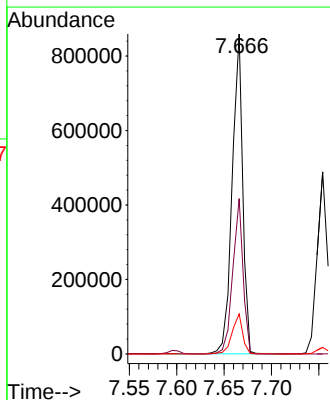
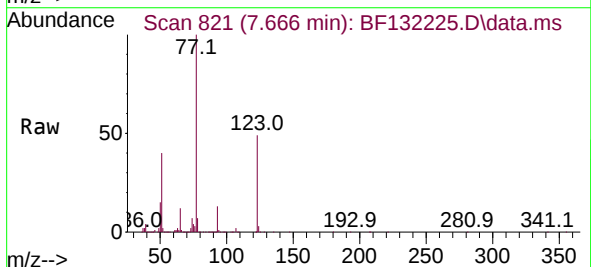
Manual Integrations
APPROVED

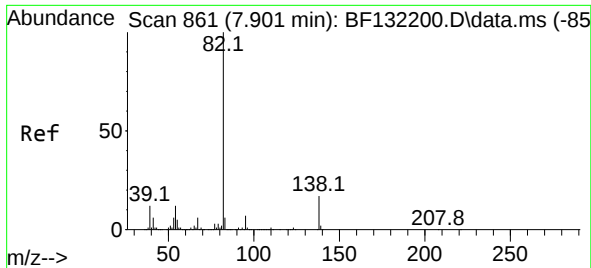
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#24
Nitrobenzene
Concen: 43.806 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

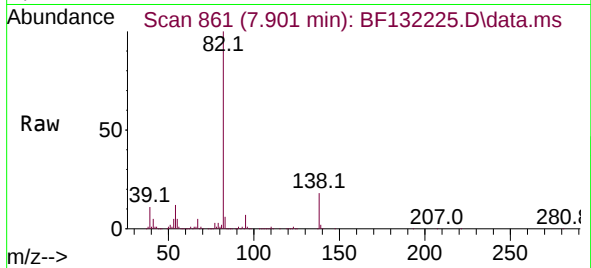
Tgt Ion: 77 Resp: 666469
Ion Ratio Lower Upper
77 100
123 48.5 34.8 52.2
65 12.5 10.5 15.7





#25
Isophorone
Concen: 44.445 ng
RT: 7.901 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

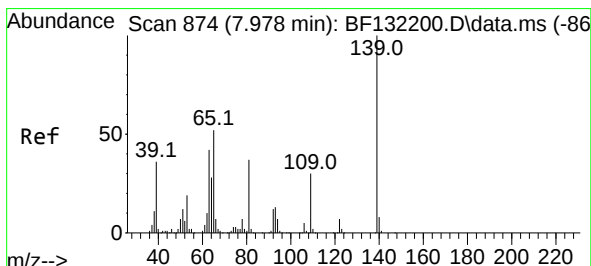
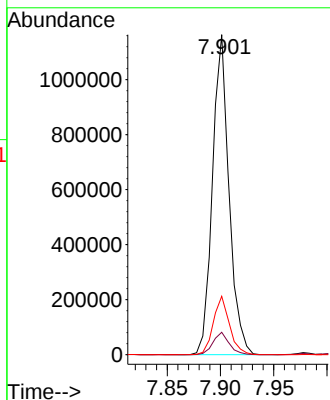
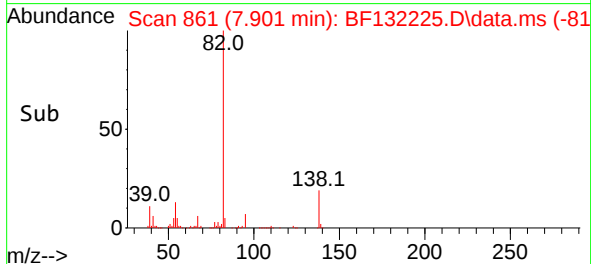
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 82 Resp: 1257846
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.2 13.4 20.0

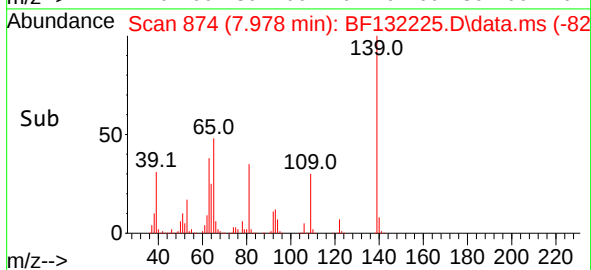
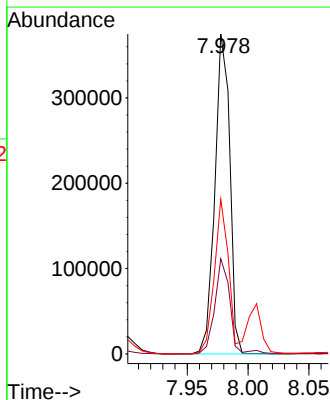
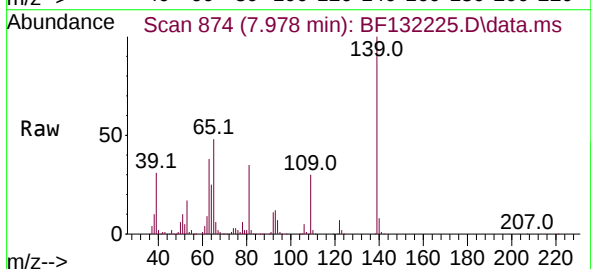
Manual Integrations
APPROVED

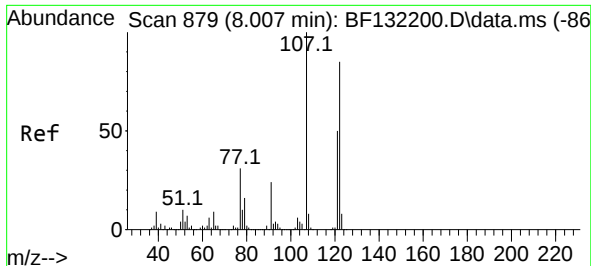
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#26
2-Nitrophenol
Concen: 51.633 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:139 Resp: 320387
Ion Ratio Lower Upper
139 100
109 29.8 24.2 36.4
65 48.3 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 48.684 ng

RT: 8.007 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:122 Resp: 576164

Ion Ratio Lower Upper

122 100

107 116.8 94.1 141.1

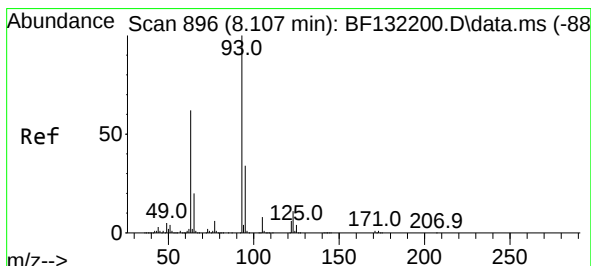
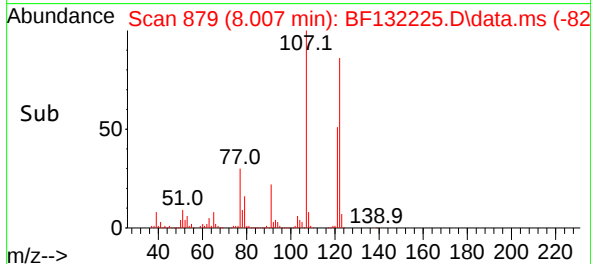
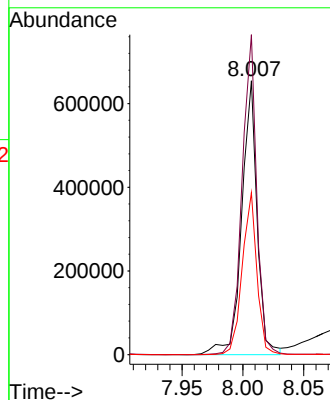
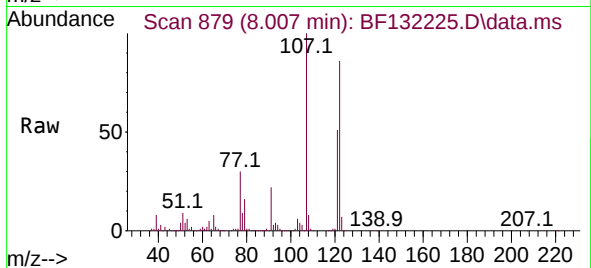
121 59.1 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.078 ng

RT: 8.107 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

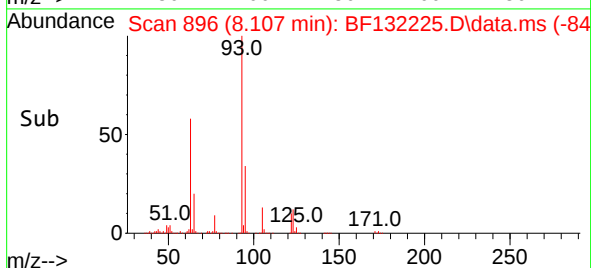
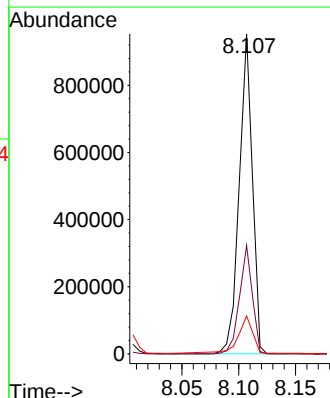
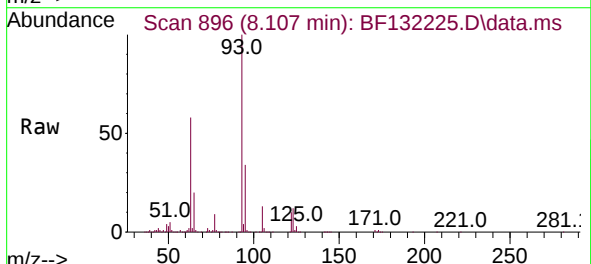
Tgt Ion: 93 Resp: 768023

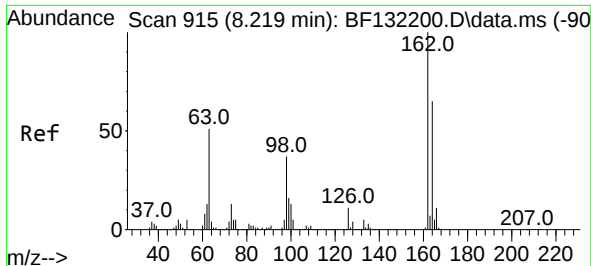
Ion Ratio Lower Upper

93 100

95 33.9 27.0 40.4

123 11.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.501 ng

RT: 8.219 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

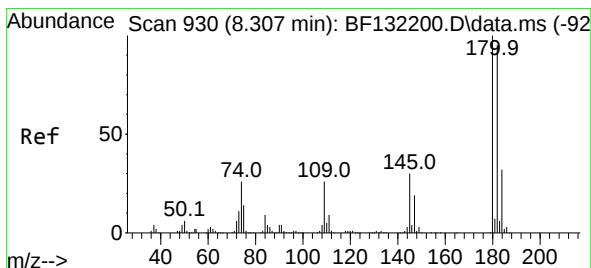
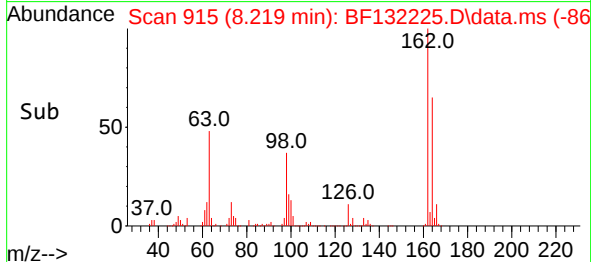
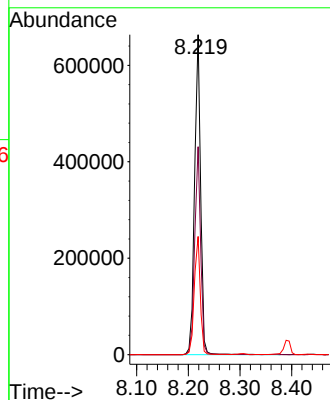
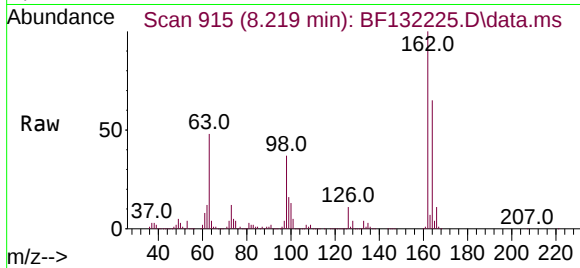
72-11985MSD

Tgt Ion:162 Resp: 535952
 Ion Ratio Lower Upper
 162 100
 164 65.0 44.6 84.6
 98 36.9 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.659 ng

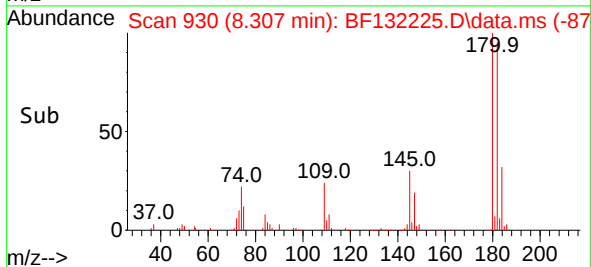
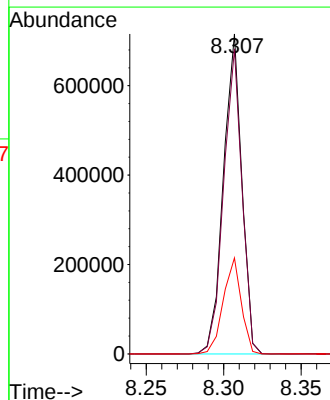
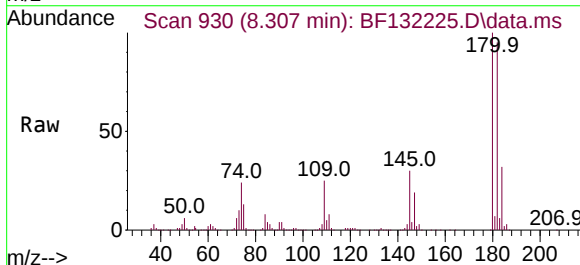
RT: 8.307 min Scan# 930

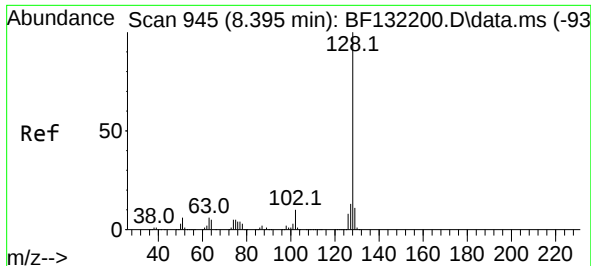
Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

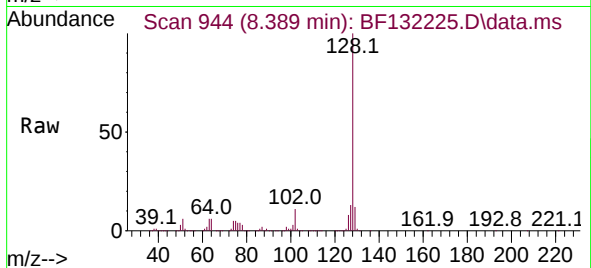
Tgt Ion:180 Resp: 592327
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.7 113.5
 145 30.0 23.9 35.9





#31
Naphthalene
Concen: 44.623 ng
RT: 8.389 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

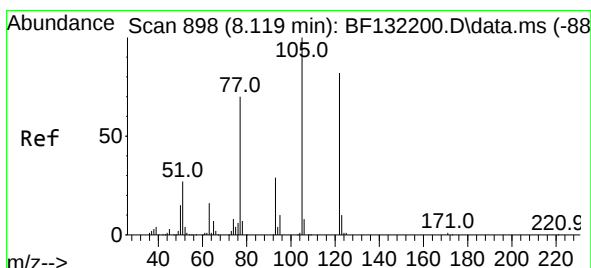
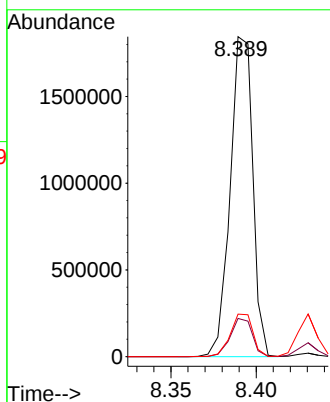
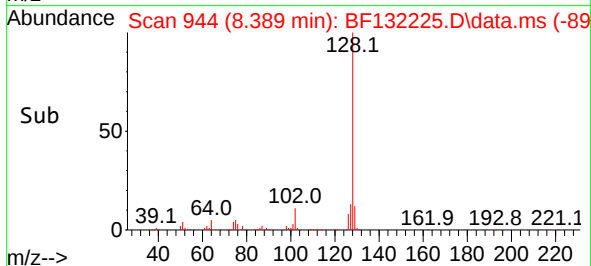
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:128 Resp: 1700988
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.3 10.6 16.0

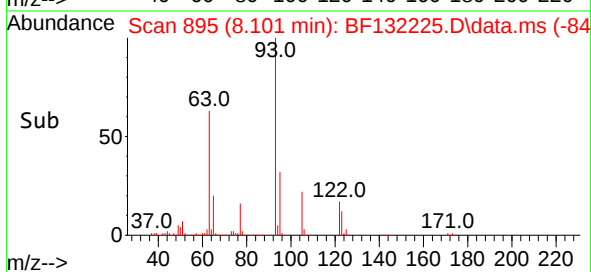
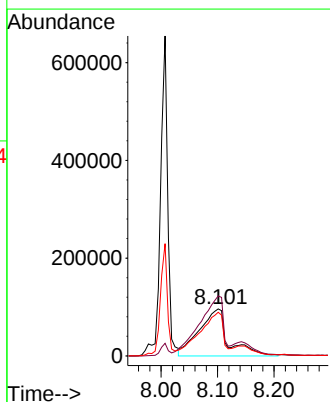
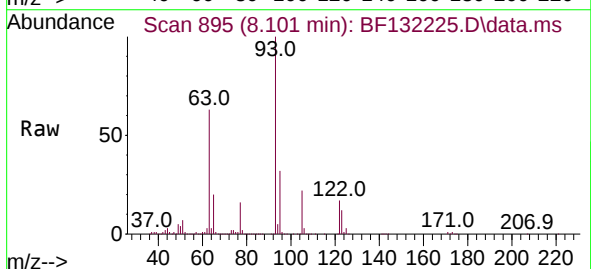
Manual Integrations
APPROVED

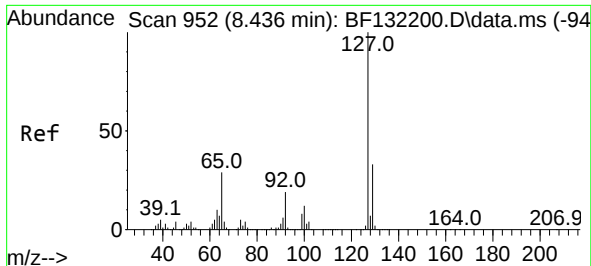
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#32
Benzoic acid
Concen: 44.211 ng m
RT: 8.101 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

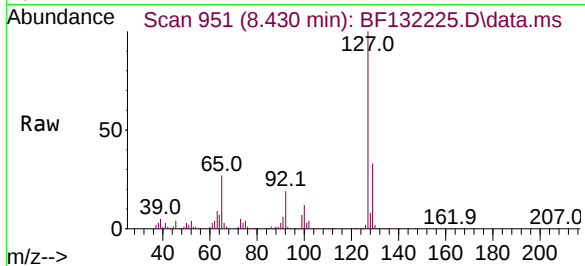
Tgt Ion:122 Resp: 345353
Ion Ratio Lower Upper
122 100
105 127.6 101.5 141.5
77 92.7 66.5 106.5





#33
4-Chloroaniline
Concen: 11.757 ng
RT: 8.430 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

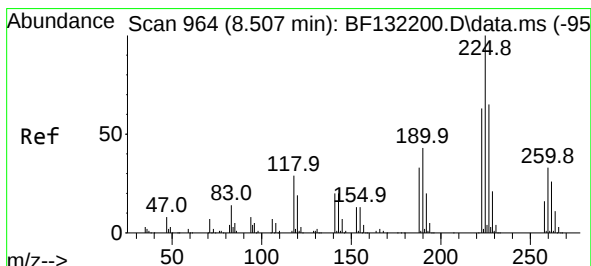
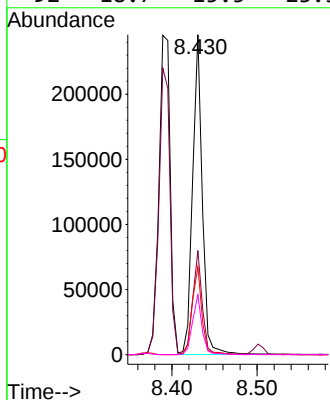
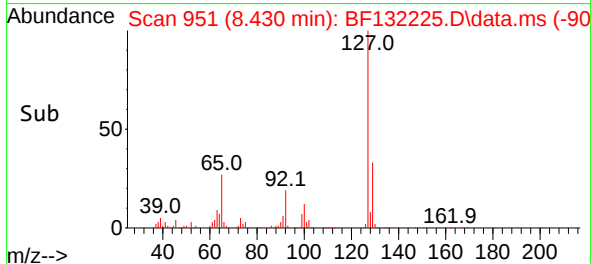
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:127 Resp: 194290
Ion Ratio Lower Upper
127 100
129 32.5 26.6 39.8
65 27.5 22.9 34.3
92 18.7 15.5 23.3

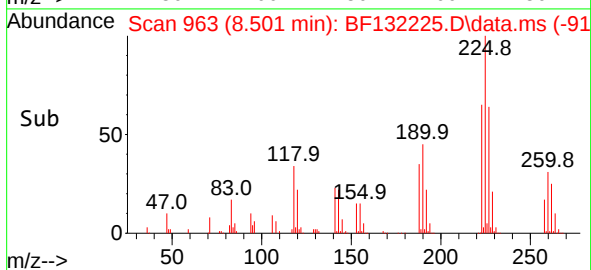
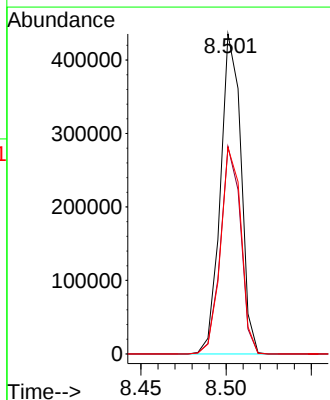
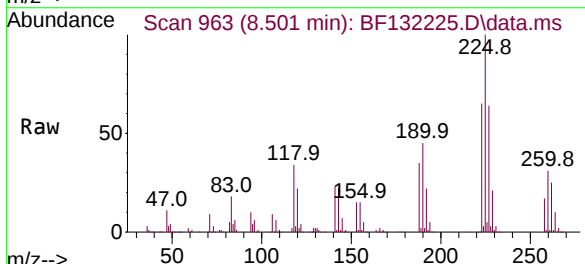
Manual Integrations
APPROVED

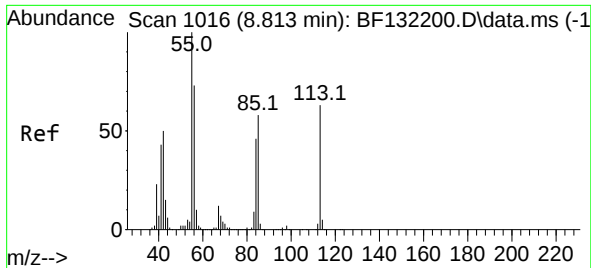
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#34
Hexachlorobutadiene
Concen: 45.897 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

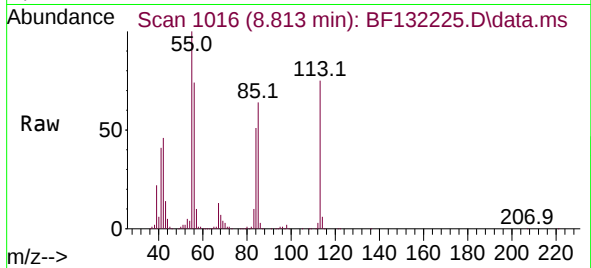
Tgt Ion:225 Resp: 363966
Ion Ratio Lower Upper
225 100
223 64.8 50.2 75.2
227 64.5 52.1 78.1





#35
Caprolactam
Concen: 55.716 ng m
RT: 8.813 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

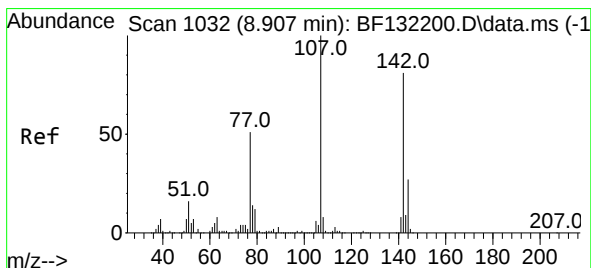
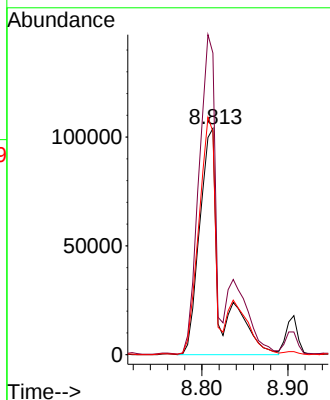
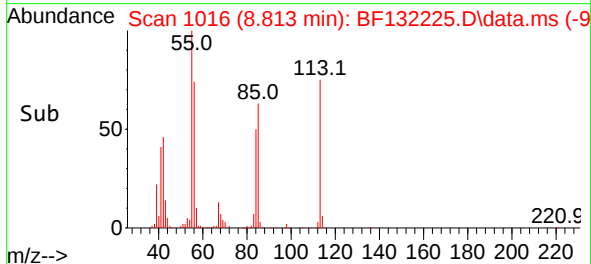
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:113 Resp: 17432
Ion Ratio Lower Upper
113 100
55 133.3 138.7 178.7
56 98.6 96.5 136.5

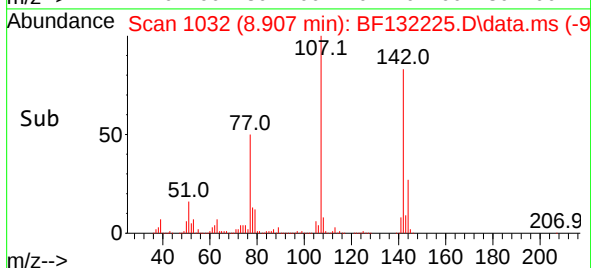
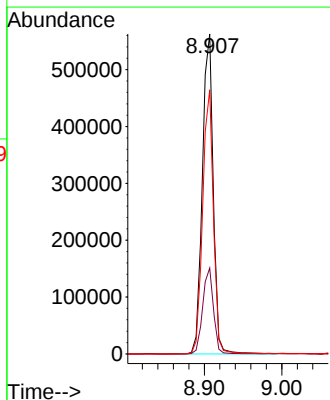
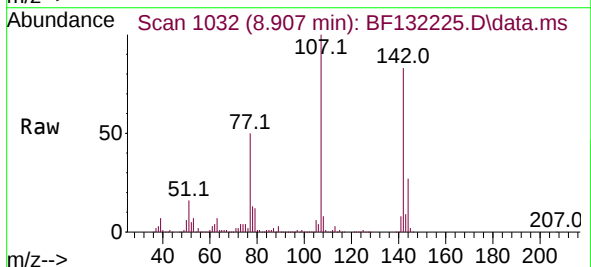
Manual Integrations
APPROVED

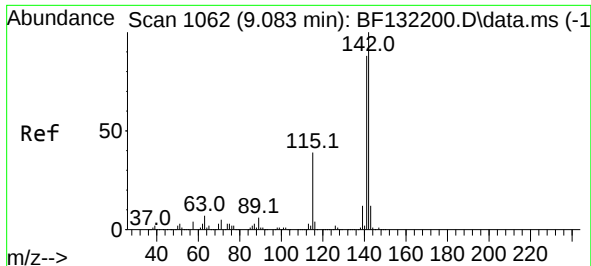
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#36
4-Chloro-3-methylphenol
Concen: 48.576 ng
RT: 8.907 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:107 Resp: 549697
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 82.6 64.8 97.2





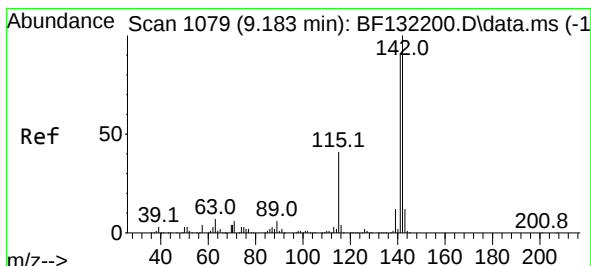
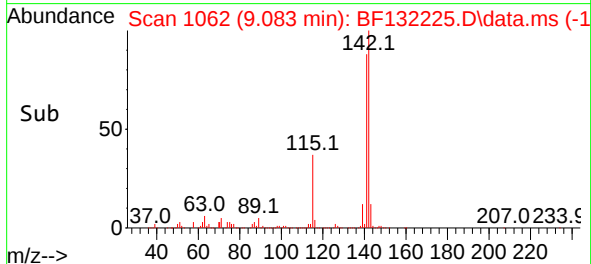
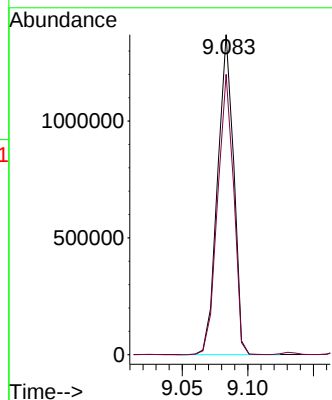
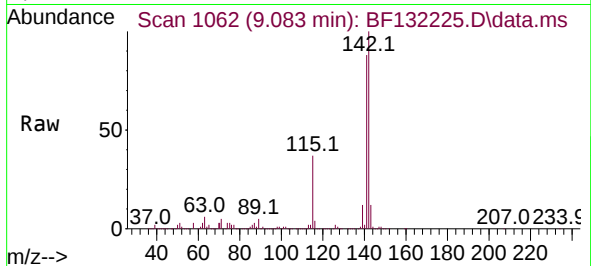
#37
2-Methylnaphthalene
Concen: 44.557 ng
RT: 9.083 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Instrument : BNA_F
ClientSampleId : 72-11985MSD

Tgt Ion:142 Resp: 1165356
Ion Ratio Lower Upper
142 100
141 87.6 70.0 105.0

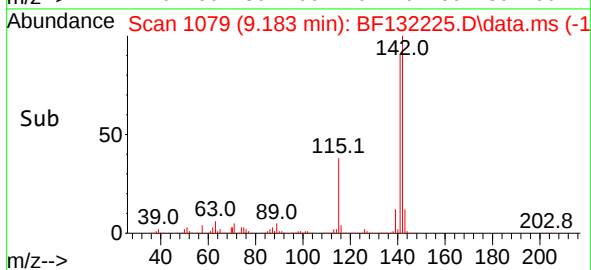
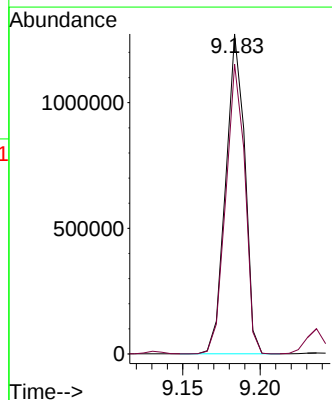
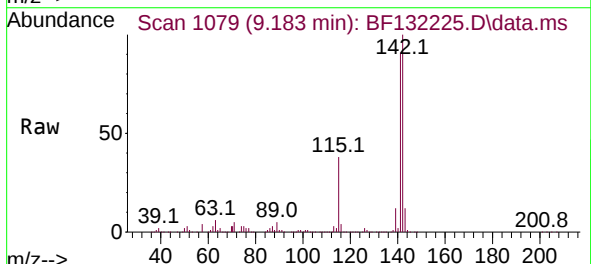
Manual Integrations
APPROVED

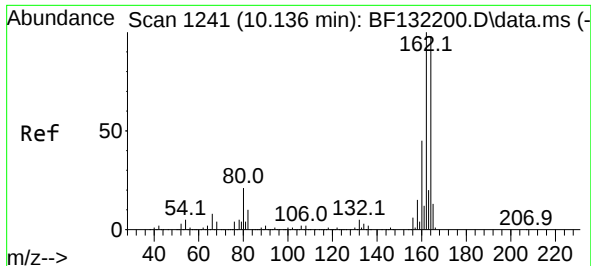
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#38
1-Methylnaphthalene
Concen: 44.814 ng
RT: 9.183 min Scan# 1079
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

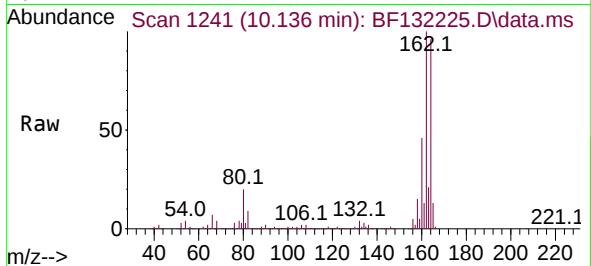
Tgt Ion:142 Resp: 1087260
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

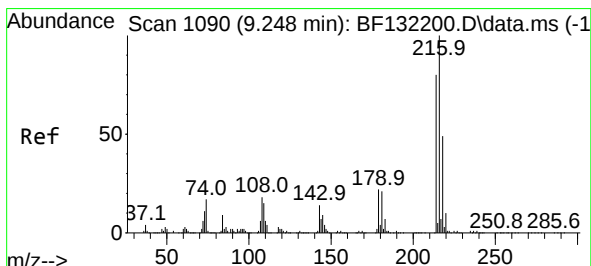
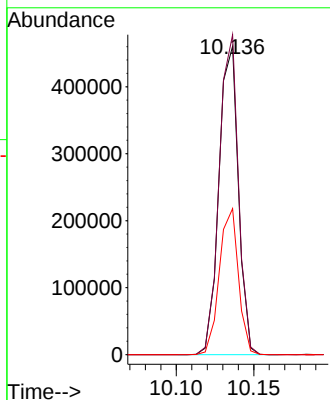
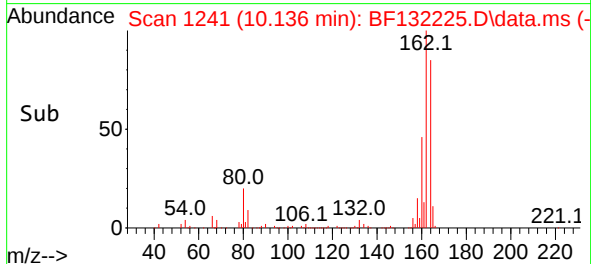
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:164 Resp: 403221
Ion Ratio Lower Upper
164 100
162 103.7 81.5 122.3
160 47.3 37.0 55.4

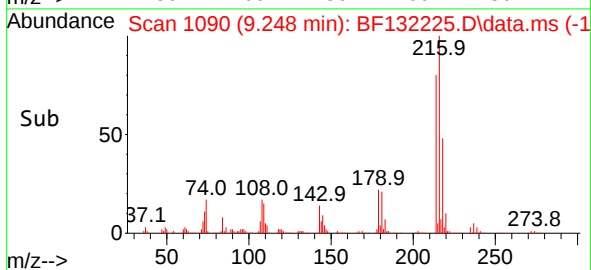
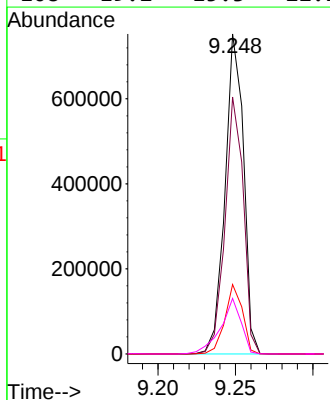
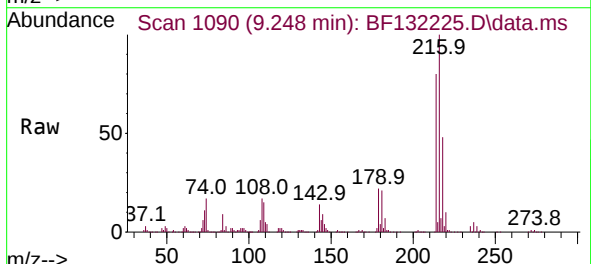
Manual Integrations
APPROVED

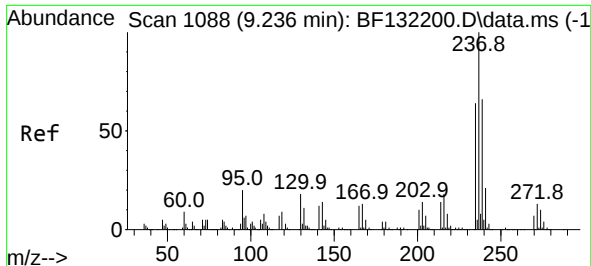
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.133 ng
RT: 9.248 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

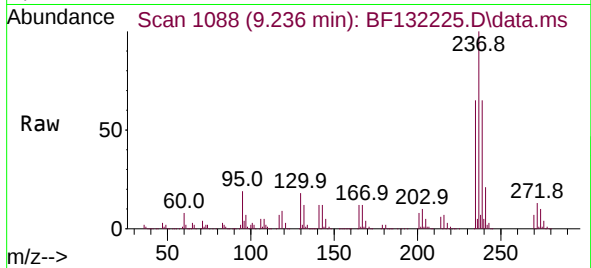
Tgt Ion:216 Resp: 624280
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.2
179 20.6 16.8 25.2
108 19.2 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 97.949 ng
RT: 9.236 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

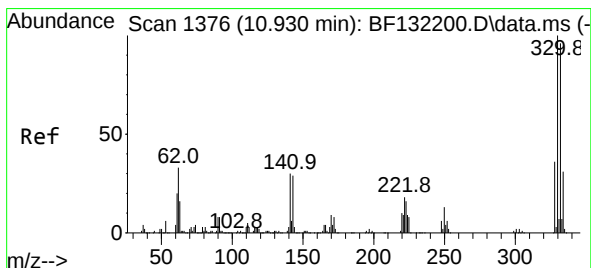
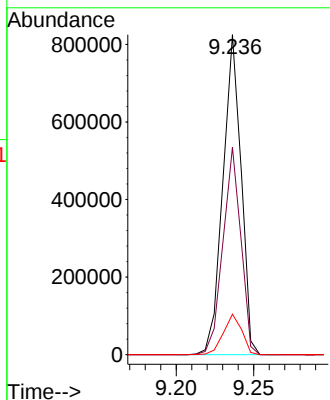
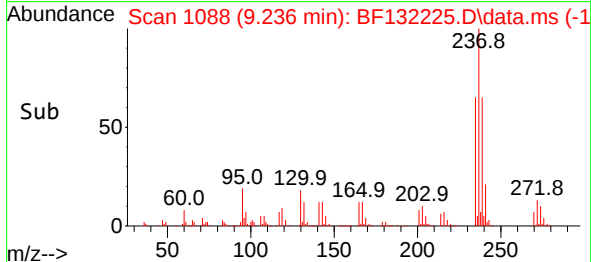
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



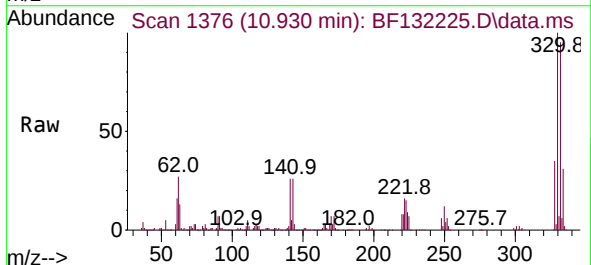
Tgt Ion: 237 Resp: 673240
Ion Ratio Lower Upper
237 100
235 64.8 43.9 83.9
272 12.6 0.0 32.6

Manual Integrations
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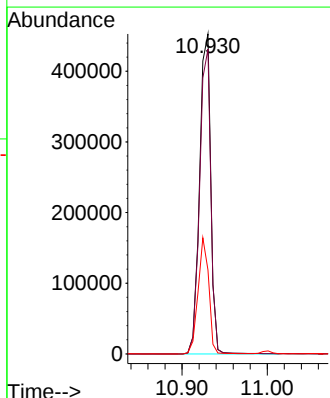
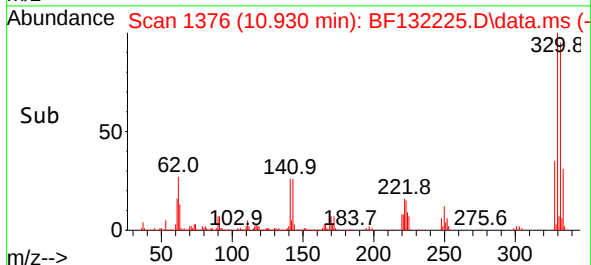
Reviewed By : Christian Giraldo 01/31/2023
Supervised By : Jagrut Upadhyay 01/31/2023

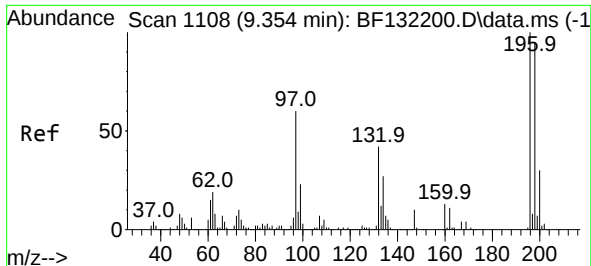


#42
2,4,6-Tribromophenol
Concen: 110.072 ng
RT: 10.930 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



Tgt Ion: 330 Resp: 410983
Ion Ratio Lower Upper
330 100
332 95.4 75.7 113.5
141 34.8 30.7 46.1





#43

2,4,6-Trichlorophenol

Concen: 50.032 ng

RT: 9.354 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:196 Resp: 413109

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

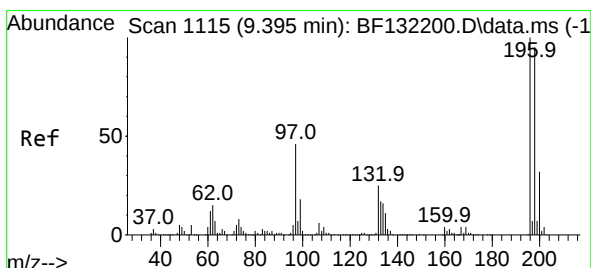
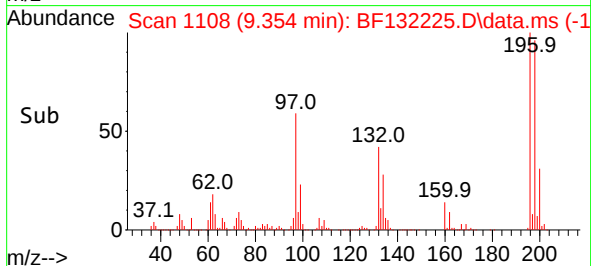
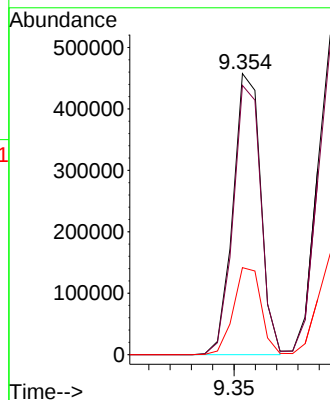
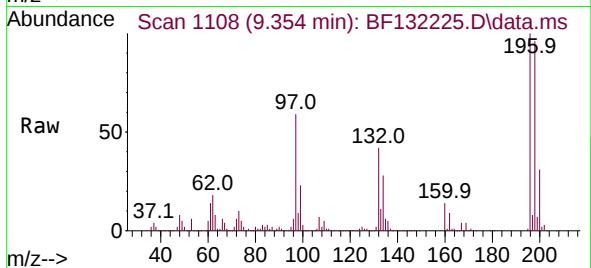
200 31.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#44

2,4,5-Trichlorophenol

Concen: 45.183 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Tgt Ion:196 Resp: 436891

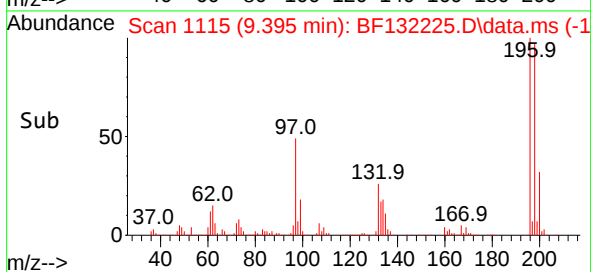
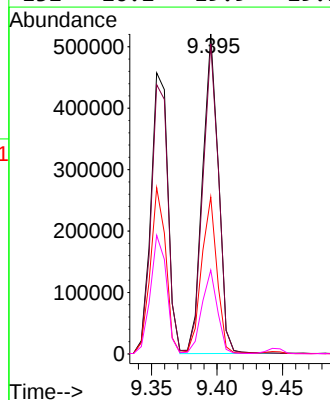
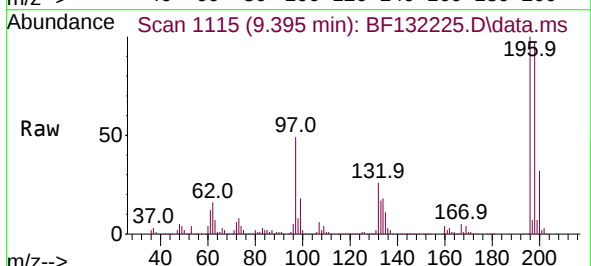
Ion Ratio Lower Upper

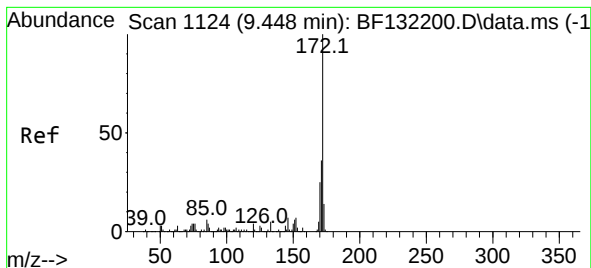
196 100

198 96.9 75.8 113.6

97 49.0 37.1 55.7

132 26.2 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 61.370 ng

RT: 9.442 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BF132225.D

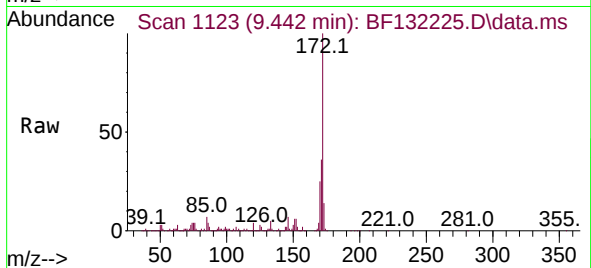
Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD



Tgt Ion:172 Resp: 1681729

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

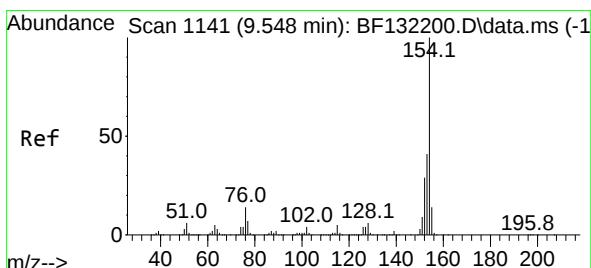
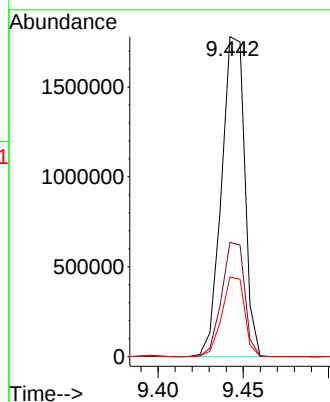
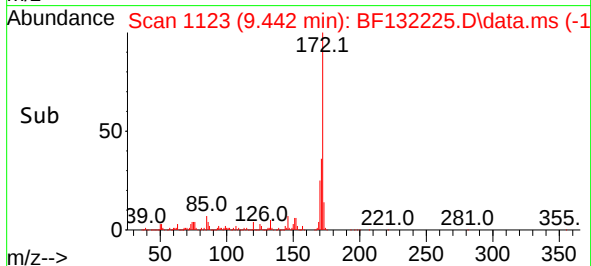
170 24.9 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#46

1,1'-Biphenyl

Concen: 44.952 ng

RT: 9.548 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

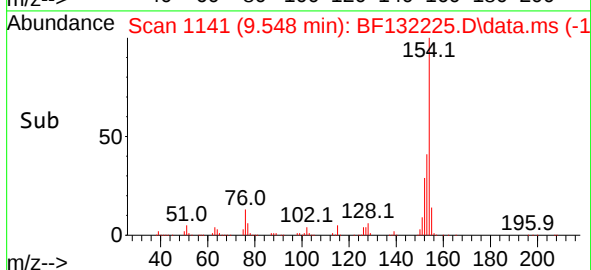
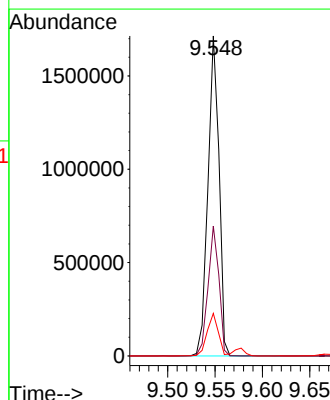
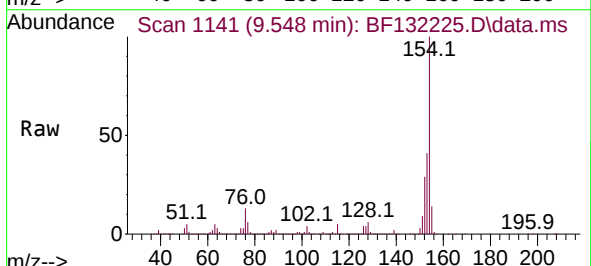
Tgt Ion:154 Resp: 1396843

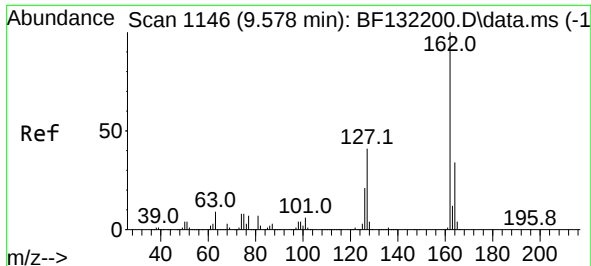
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.3 0.0 34.2





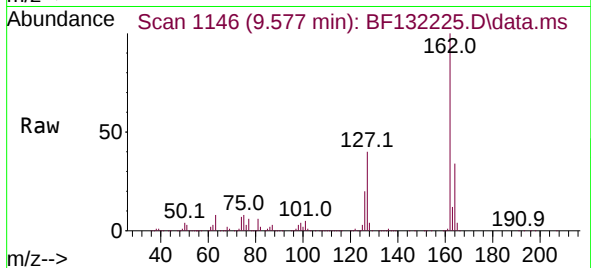
#47
2-Chloronaphthalene
Concen: 46.089 ng
RT: 9.577 min Scan# 1146
Delta R.T. -0.001 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

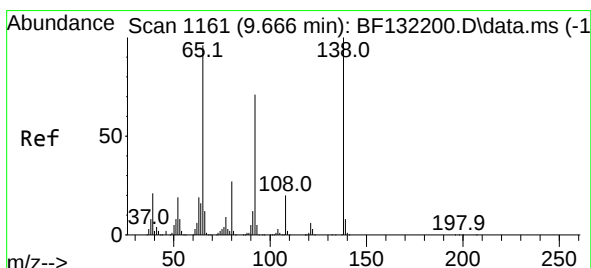
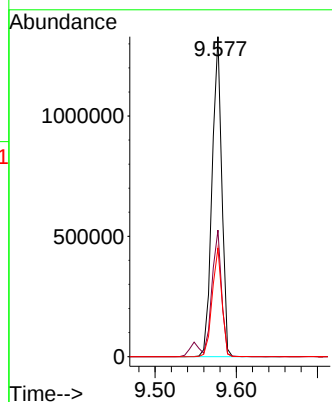
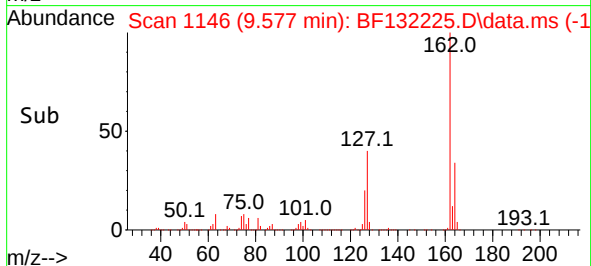


Tgt Ion:162 Resp: 1111584
Ion Ratio Lower Upper
162 100
127 39.5 32.7 49.1
164 33.9 27.3 40.9

Manual Integrations

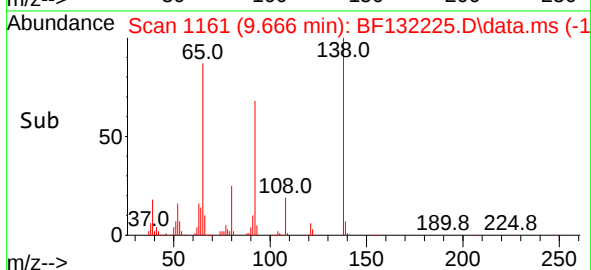
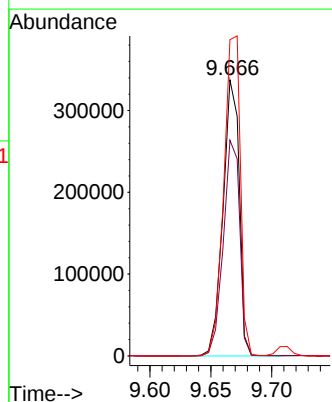
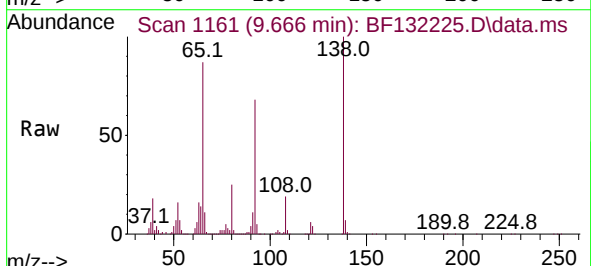
APPROVED

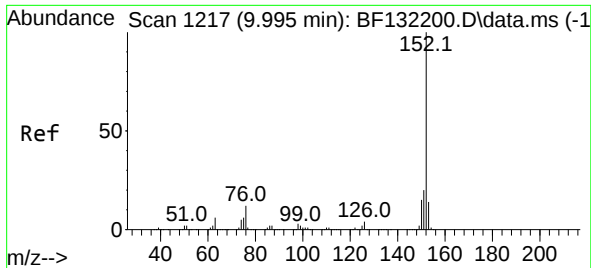
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#48
2-Nitroaniline
Concen: 48.141 ng
RT: 9.666 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

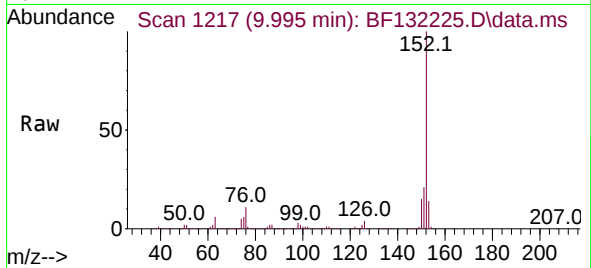
Tgt Ion: 65 Resp: 311817
Ion Ratio Lower Upper
65 100
92 78.1 59.2 88.8
138 114.6 83.7 125.5





#49
Acenaphthylene
Concen: 45.019 ng
RT: 9.995 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

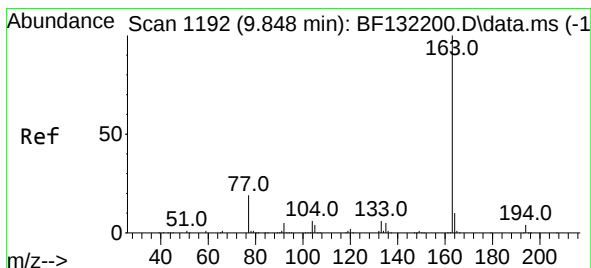
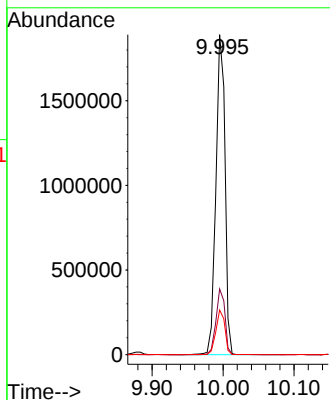
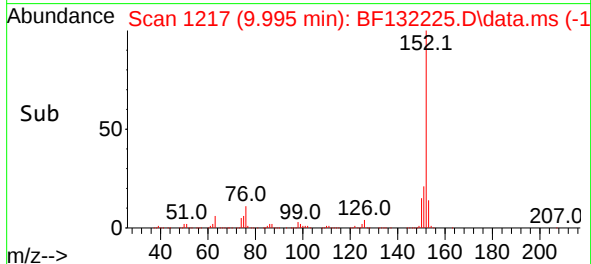
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



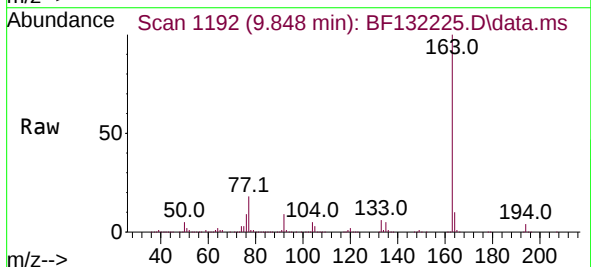
Tgt Ion:152 Resp: 1686975
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.9 10.9 16.3

Manual Integrations
APPROVED

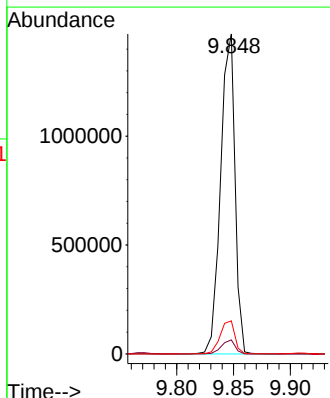
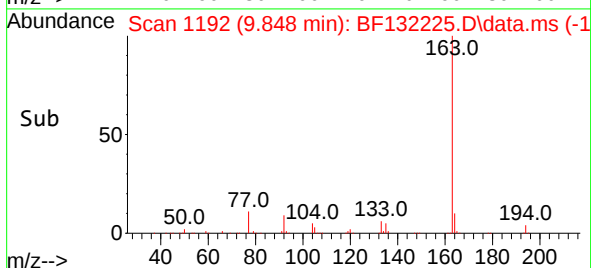
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

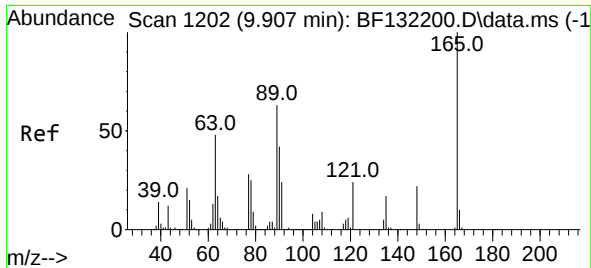


#50
Dimethylphthalate
Concen: 47.179 ng
RT: 9.848 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



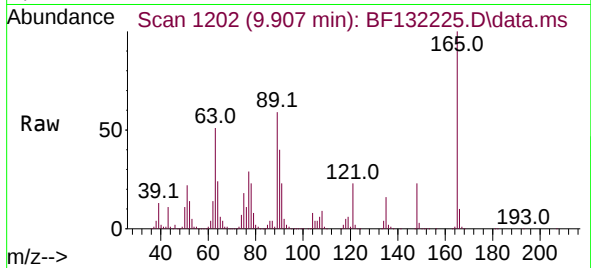
Tgt Ion:163 Resp: 1291049
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.708 ng
RT: 9.907 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

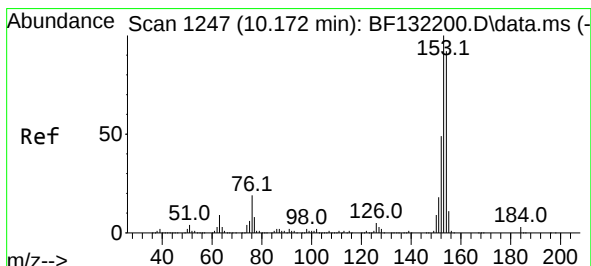
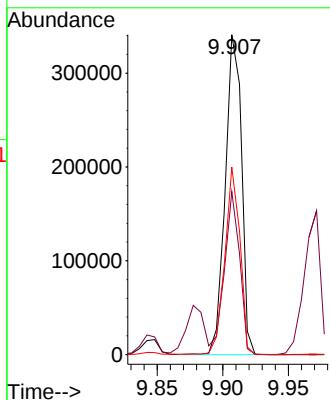
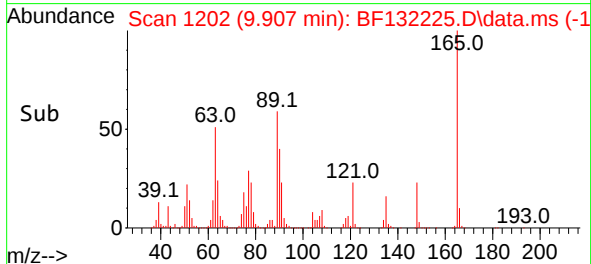
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



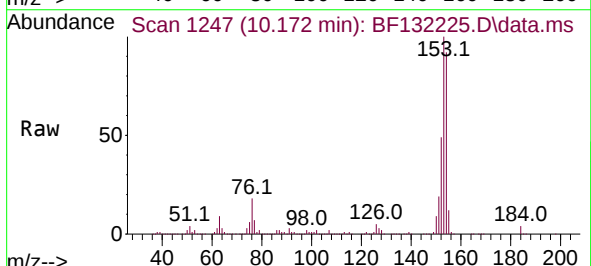
Tgt Ion:165 Resp: 294795
Ion Ratio Lower Upper
165 100
63 50.9 46.1 69.1
89 58.6 50.3 75.5

Manual Integrations
APPROVED

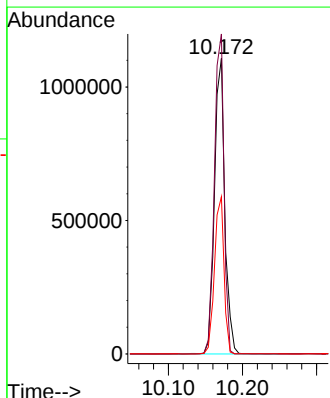
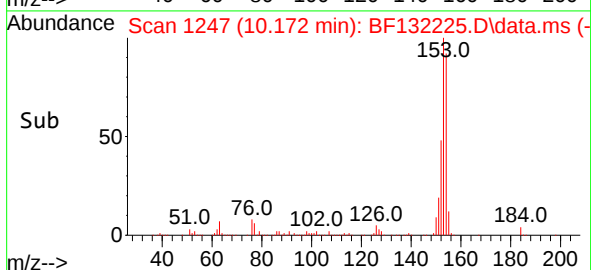
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

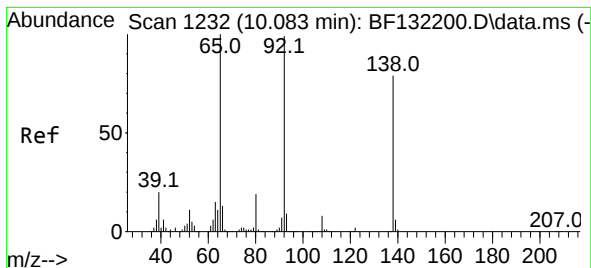


#52
Acenaphthene
Concen: 46.637 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



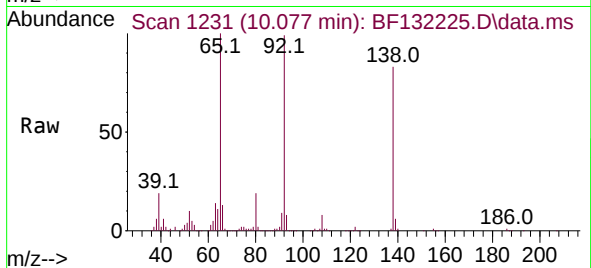
Tgt Ion:154 Resp: 1074506
Ion Ratio Lower Upper
154 100
153 108.3 87.3 130.9
152 53.2 43.2 64.8





#53
3-Nitroaniline
Concen: 30.539 ng
RT: 10.077 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

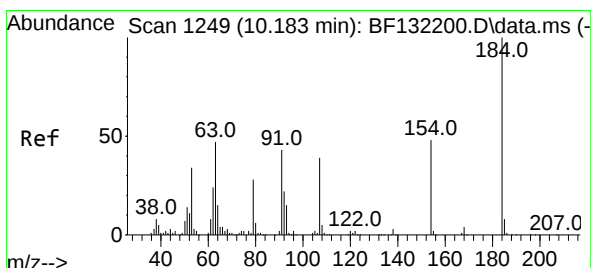
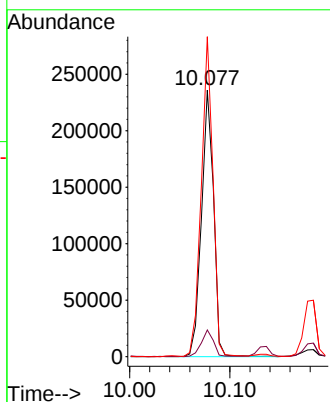
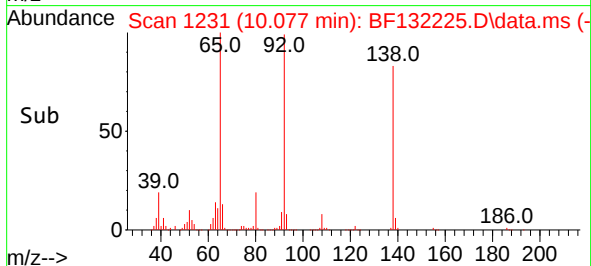
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



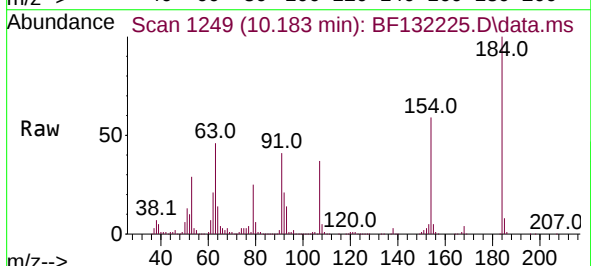
Tgt Ion:138 Resp: 19645
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 120.1 100.2 150.2

Manual Integrations
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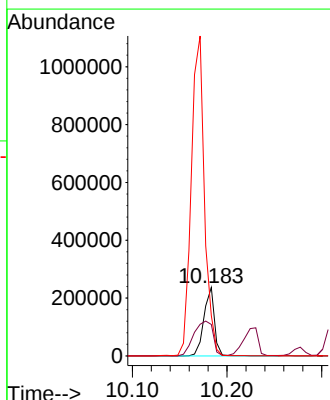
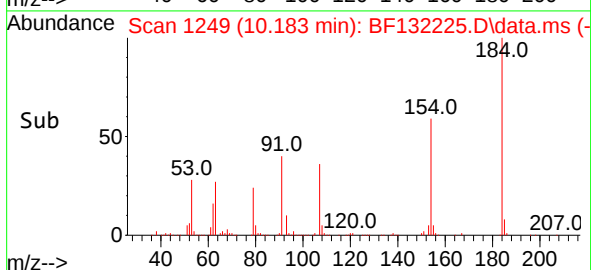
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

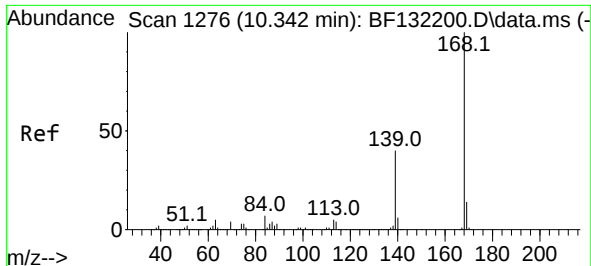


#54
2,4-Dinitrophenol
Concen: 62.698 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



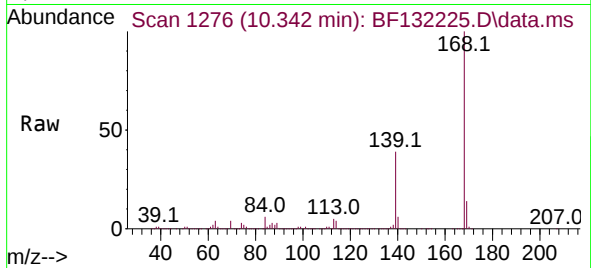
Tgt Ion:184 Resp: 182905
Ion Ratio Lower Upper
184 100
63 45.9 39.8 59.6
154 58.8 54.2 81.2





#55
Dibenzenofuran
Concen: 44.528 ng
RT: 10.342 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

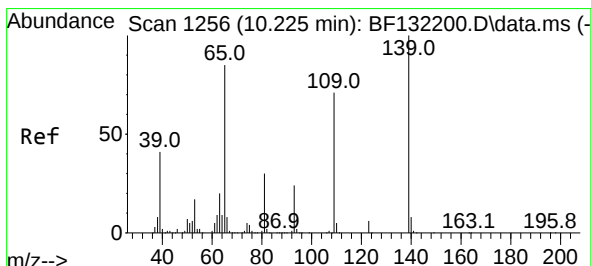
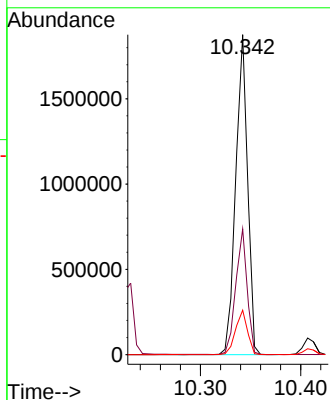
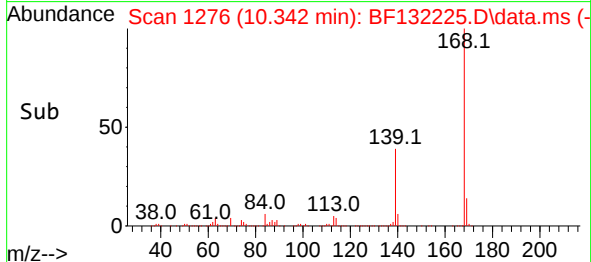
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:168 Resp: 1536918
Ion Ratio Lower Upper
168 100
139 39.3 31.7 47.5
169 13.9 11.1 16.7

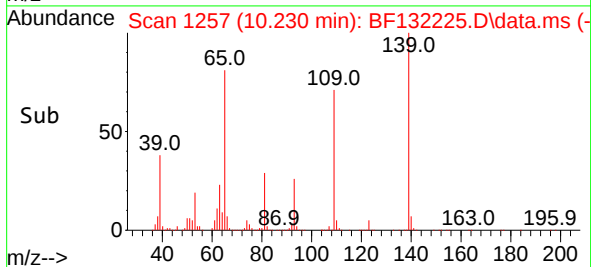
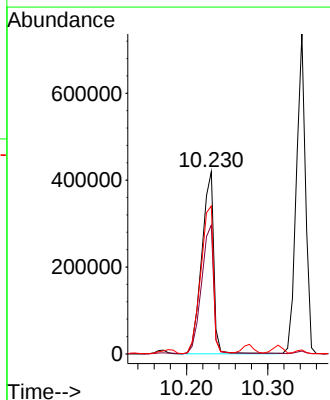
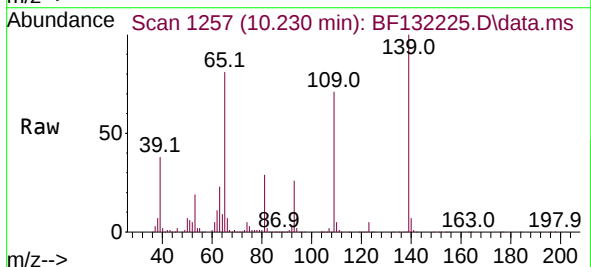
Manual Integrations
APPROVED

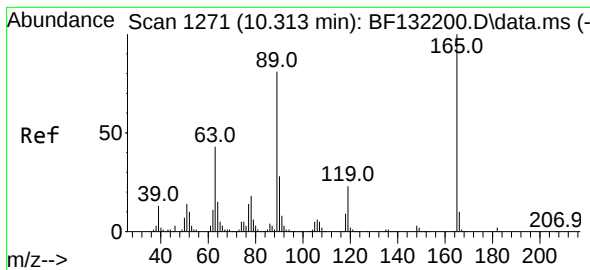
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#56
4-Nitrophenol
Concen: 92.547 ng
RT: 10.230 min Scan# 1257
Delta R.T. 0.005 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

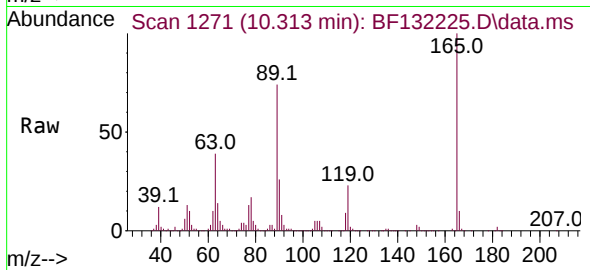
Tgt Ion:139 Resp: 430142
Ion Ratio Lower Upper
139 100
109 70.7 50.8 90.8
65 81.2 65.5 105.5





#57
2,4-Dinitrotoluene
Concen: 52.750 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

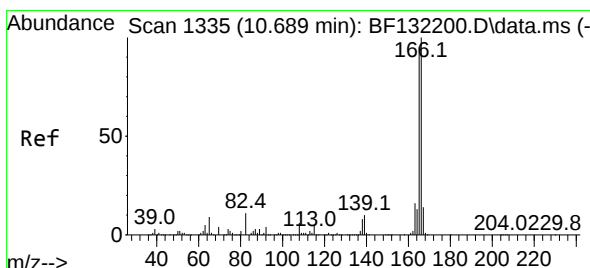
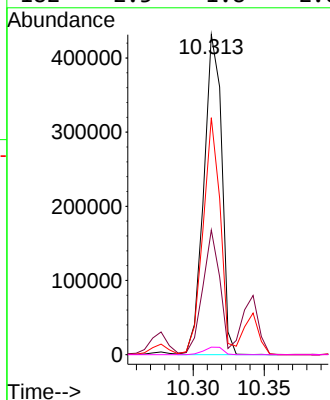
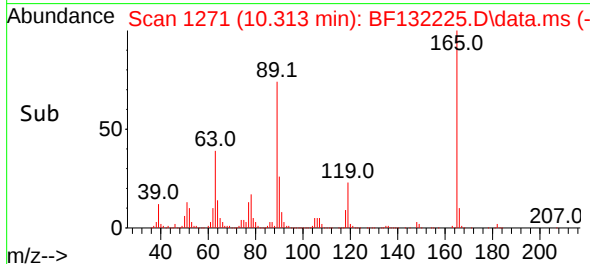
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:165 Resp: 377537
Ion Ratio Lower Upper
165 100
63 38.9 34.2 51.2
89 74.0 65.1 97.7
182 2.3 1.8 2.6

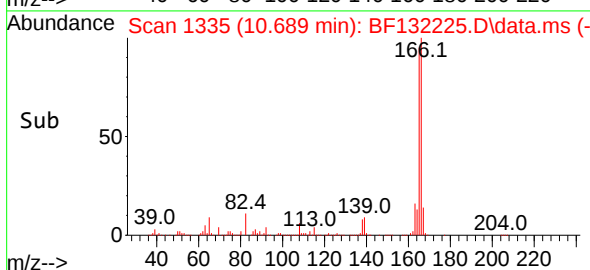
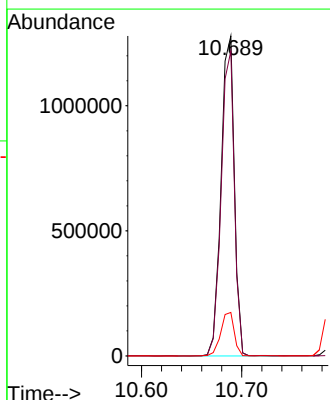
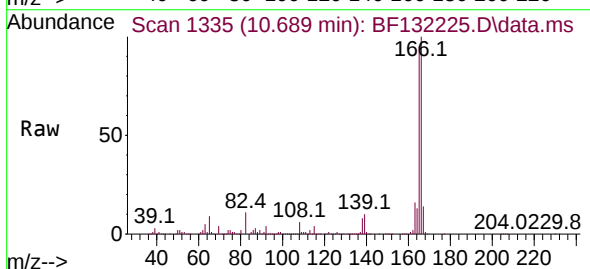
Manual Integrations
APPROVED

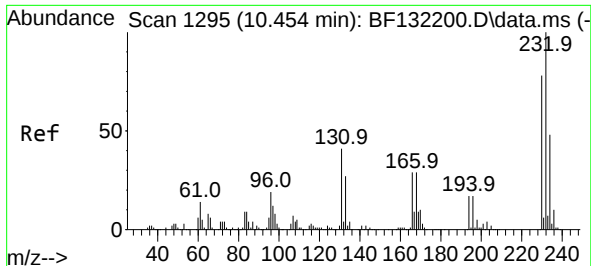
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#58
Fluorene
Concen: 44.893 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

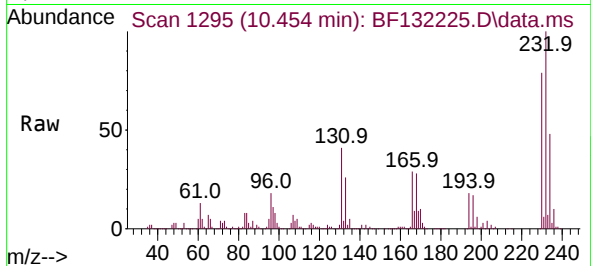
Tgt Ion:166 Resp: 1183580
Ion Ratio Lower Upper
166 100
165 95.3 76.3 114.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.031 ng
RT: 10.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

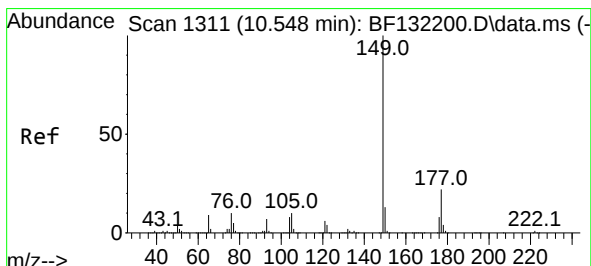
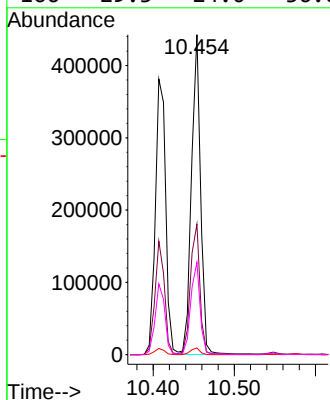
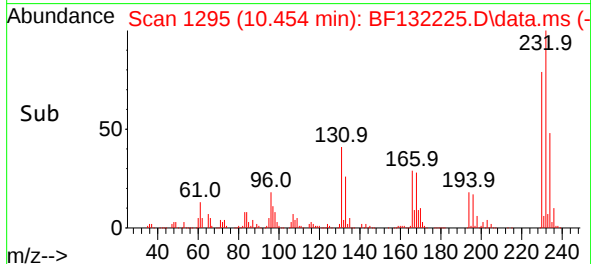
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:232 Resp: 343734
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 2.1 1.7 2.5
166 29.3 24.0 36.0

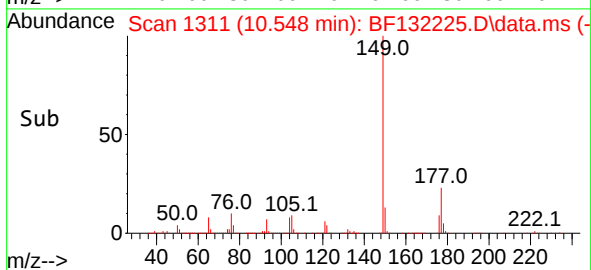
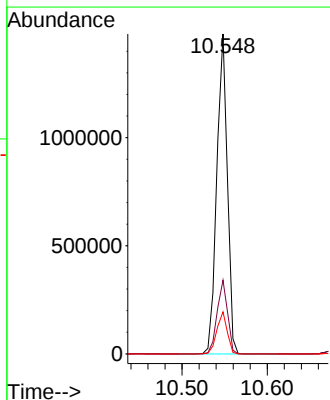
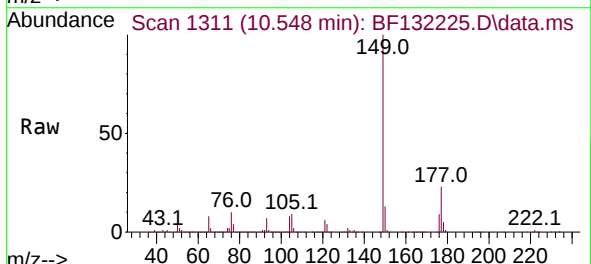
Manual Integrations
APPROVED

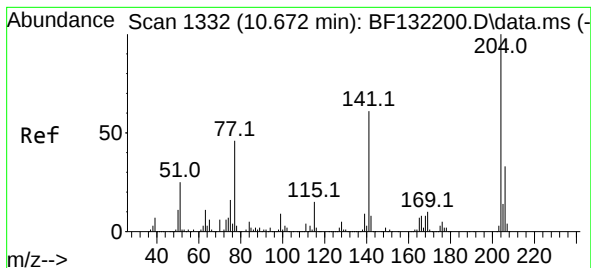
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#60
Diethylphthalate
Concen: 47.654 ng
RT: 10.548 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:149 Resp: 1271195
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 13.1 10.2 15.4





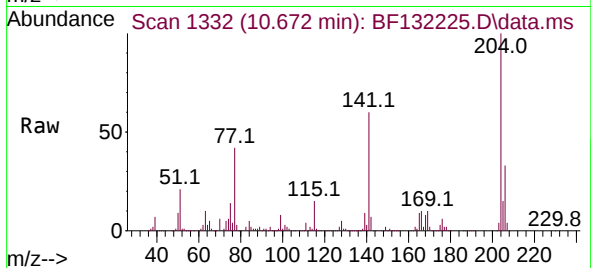
#61
4-Chlorophenyl-phenylether
Concen: 45.447 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

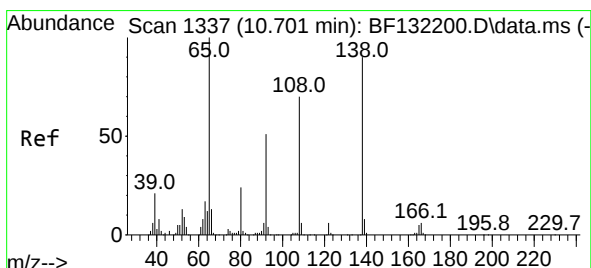
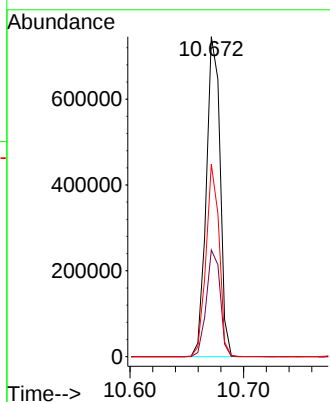
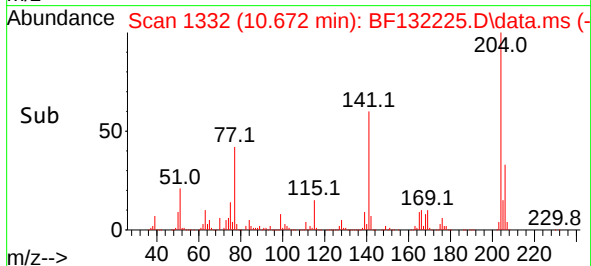


Tgt Ion:204 Resp: 632053
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.1 49.2 73.8

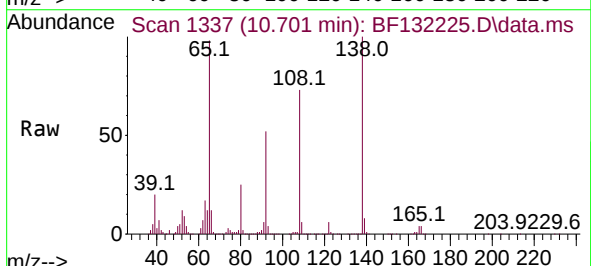
Manual Integrations

APPROVED

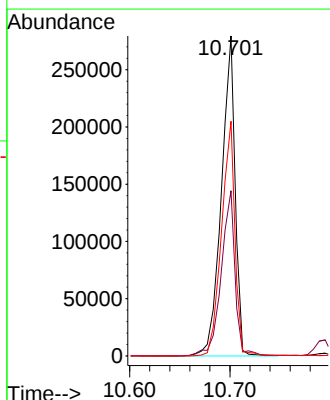
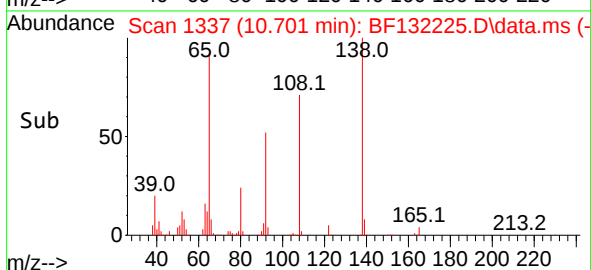
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

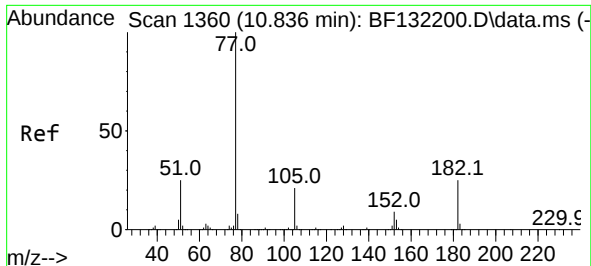


#62
4-Nitroaniline
Concen: 44.297 ng
RT: 10.701 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



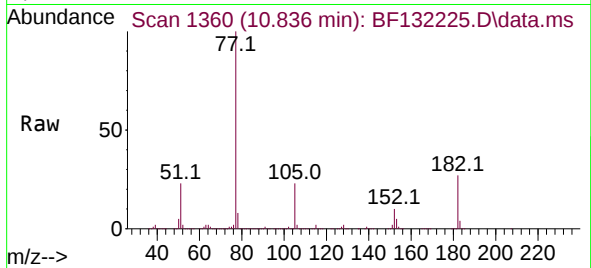
Tgt Ion:138 Resp: 267377
Ion Ratio Lower Upper
138 100
92 51.6 36.0 76.0
108 73.3 57.9 97.9





#63
Azobenzene
Concen: 43.316 ng
RT: 10.836 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

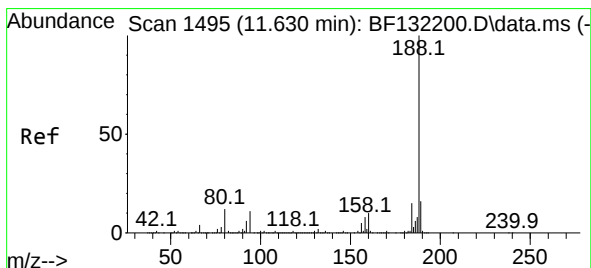
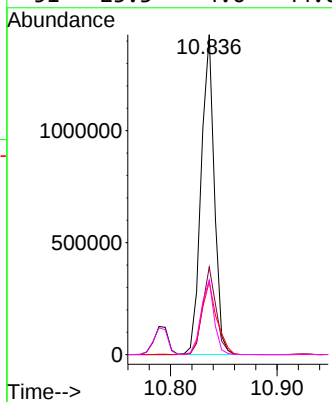
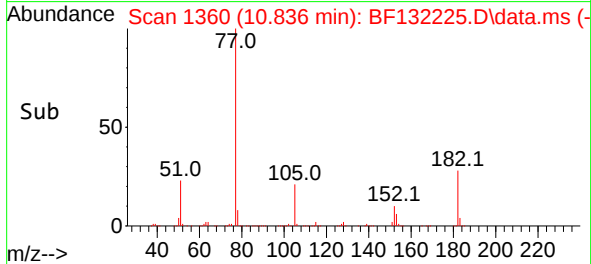
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 77 Resp: 1219390
Ion Ratio Lower Upper
77 100
182 27.4 4.7 44.7
105 22.8 1.1 41.1
51 23.3 4.6 44.6

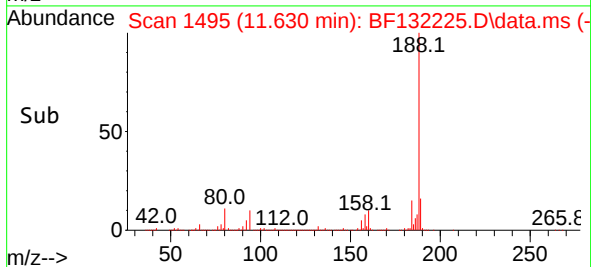
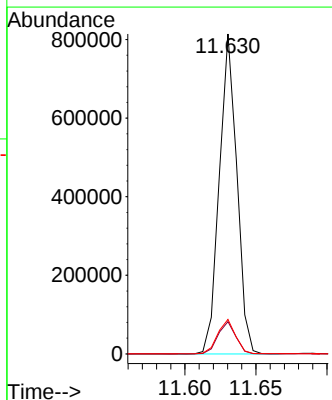
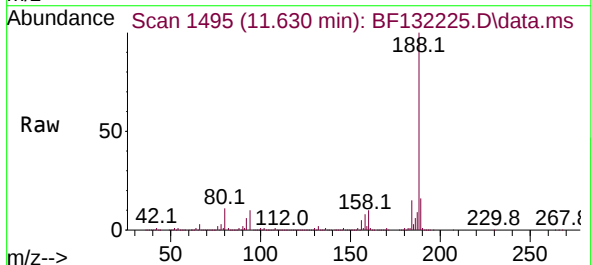
Manual Integrations
APPROVED

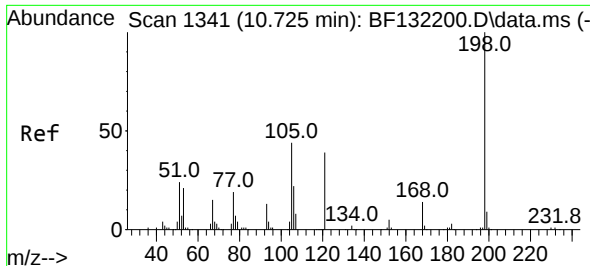
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

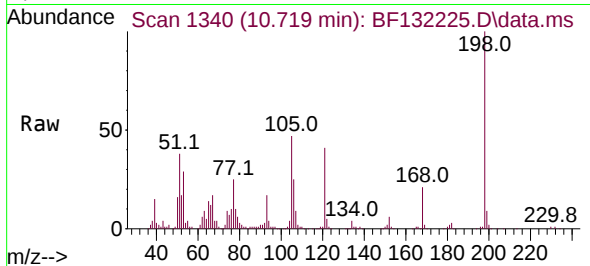
Tgt Ion:188 Resp: 701353
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.064 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

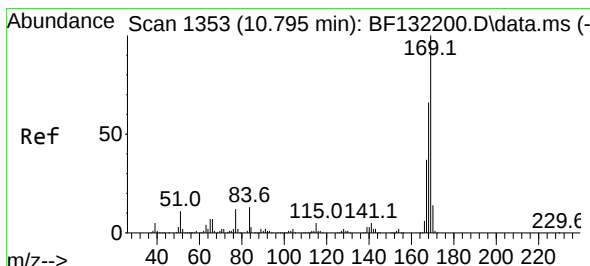
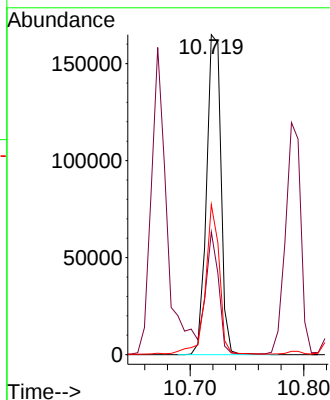
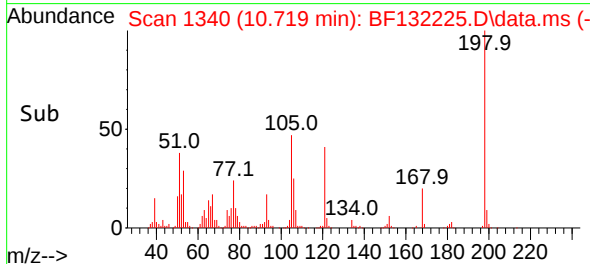
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



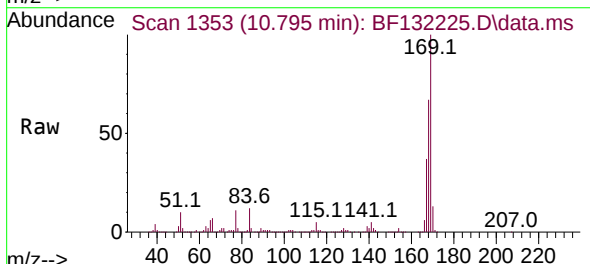
Tgt Ion:198 Resp: 145883
Ion Ratio Lower Upper
198 100
51 38.3 14.9 54.9
105 46.9 24.2 64.2

Manual Integrations
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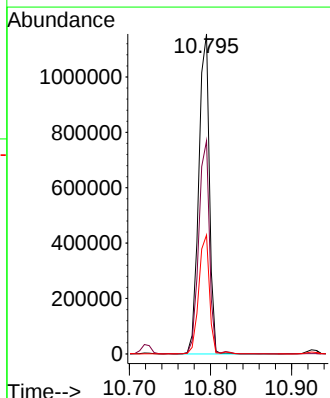
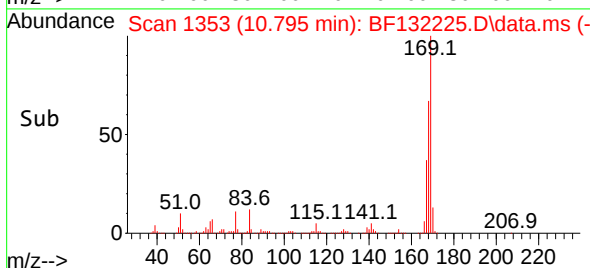
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

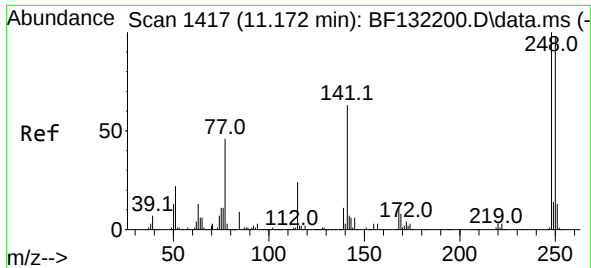


#66
n-Nitrosodiphenylamine
Concen: 47.434 ng
RT: 10.795 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



Tgt Ion:169 Resp: 1044701
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 37.1 29.7 44.5





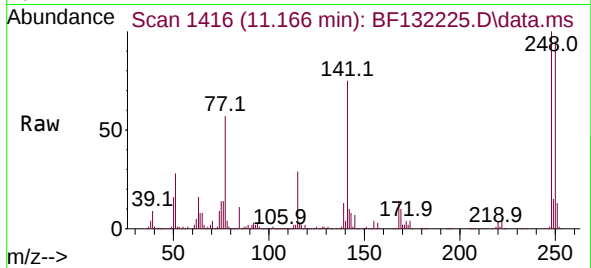
#67
4-Bromophenyl-phenylether
Concen: 49.252 ng
RT: 11.166 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

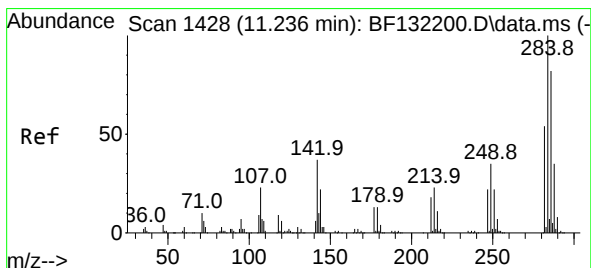
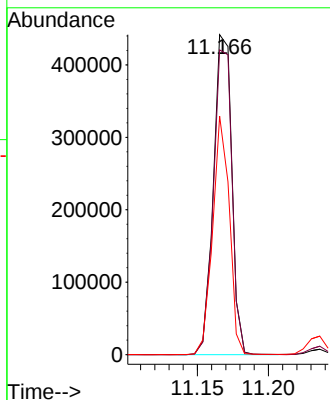
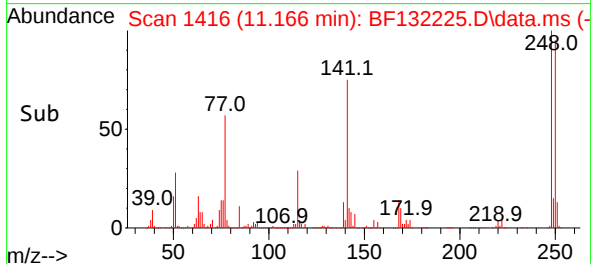


Tgt Ion:248 Resp: 397669
Ion Ratio Lower Upper
248 100
250 95.2 78.5 117.7
141 74.5 50.2 75.4

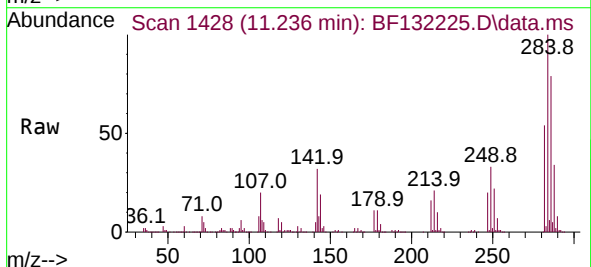
Manual Integrations

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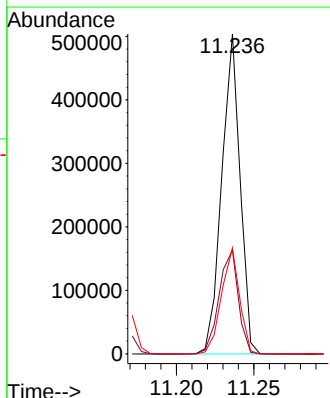
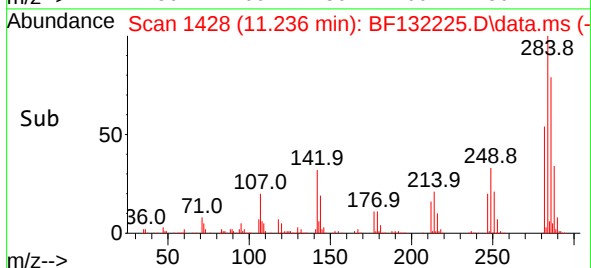
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

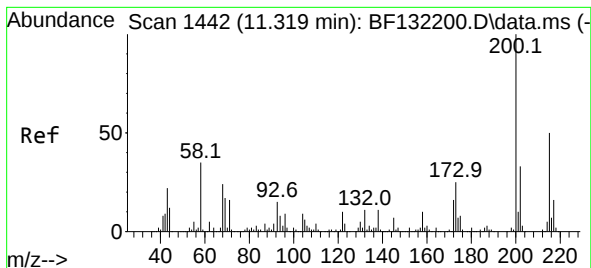


#68
Hexachlorobenzene
Concen: 51.761 ng
RT: 11.236 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



Tgt Ion:284 Resp: 414112
Ion Ratio Lower Upper
284 100
142 32.4 29.4 44.2
249 33.1 27.8 41.8





#69

Atrazine

Concen: 56.361 ng

RT: 11.319 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

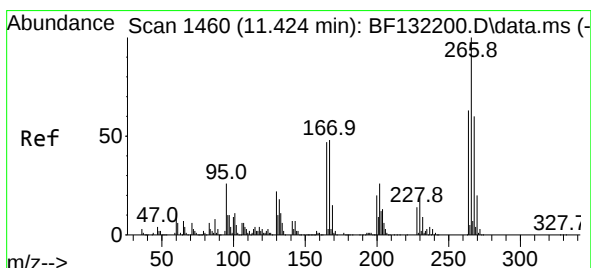
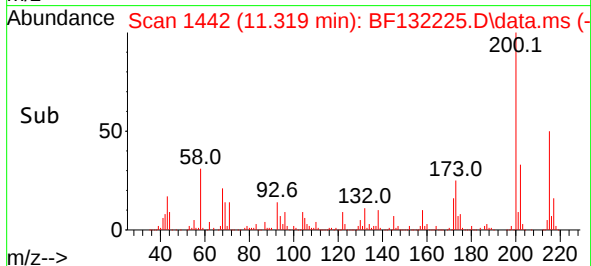
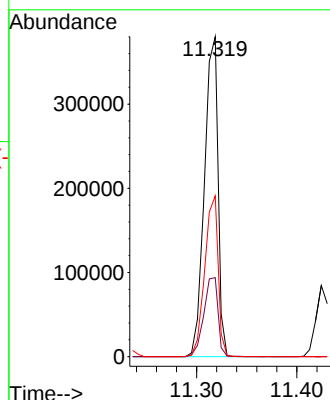
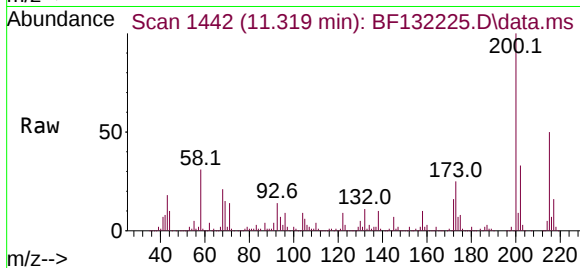
72-11985MSD

Tgt Ion:200 Resp: 356272
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.2 45.2
 215 50.2 29.8 69.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#70

Pentachlorophenol

Concen: 78.370 ng

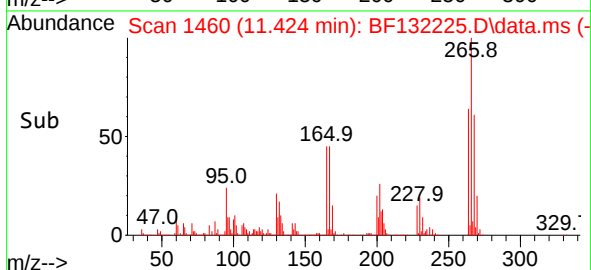
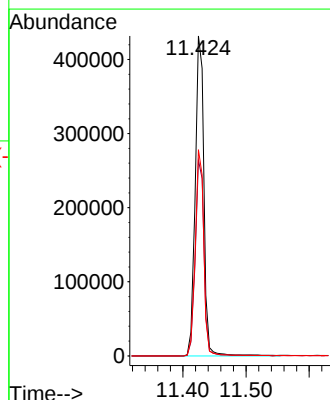
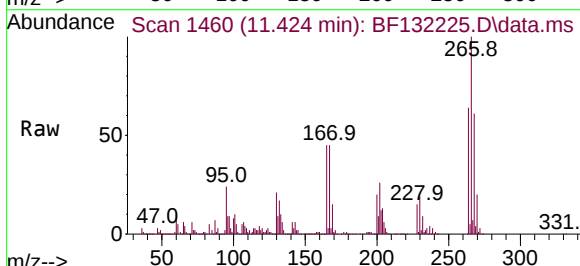
RT: 11.424 min Scan# 1460

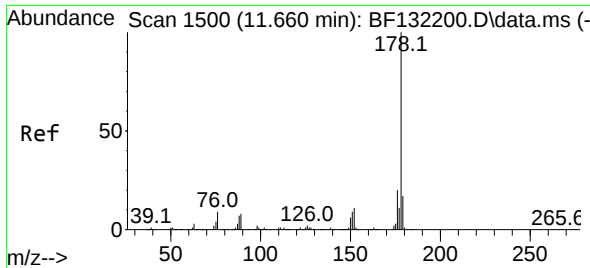
Delta R.T. 0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

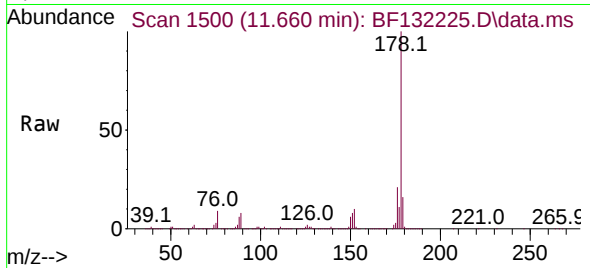
Tgt Ion:266 Resp: 413836
 Ion Ratio Lower Upper
 266 100
 268 61.2 48.2 72.4
 264 64.4 50.7 76.1





#71
Phenanthrene
Concen: 46.583 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

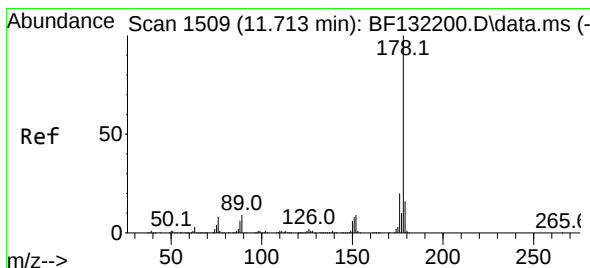
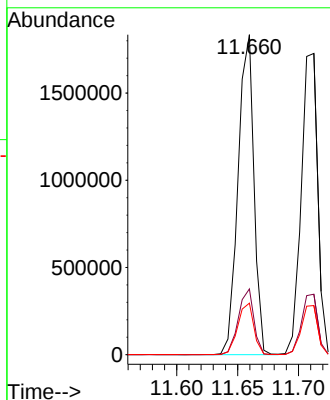
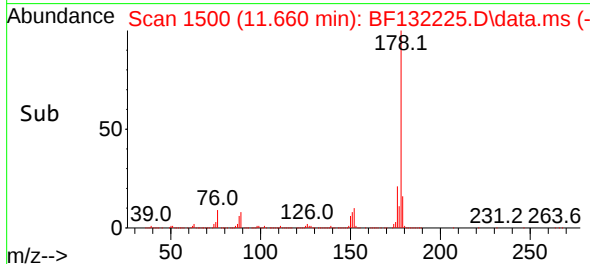
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



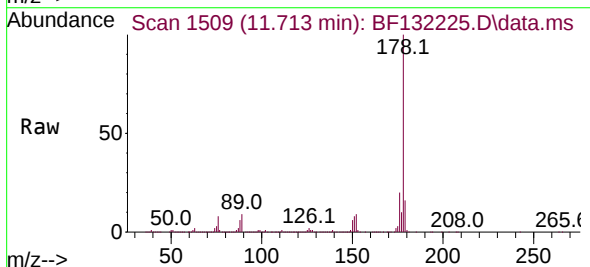
Tgt Ion:178 Resp: 1662043
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.1 13.3 19.9

Manual Integrations
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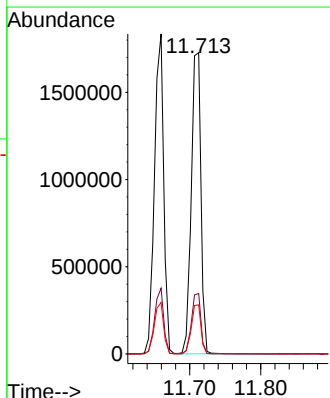
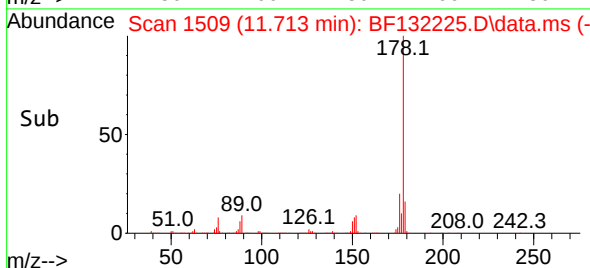
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

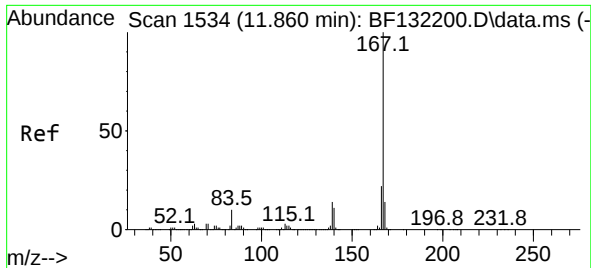


#72
Anthracene
Concen: 45.090 ng
RT: 11.713 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



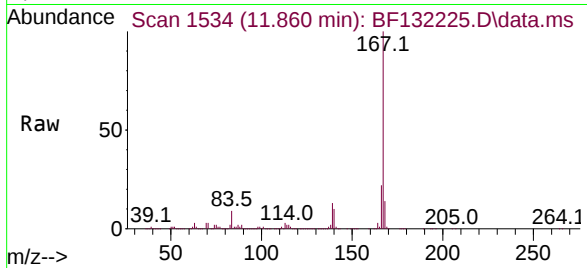
Tgt Ion:178 Resp: 1638225
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.3 13.0 19.6





#73
 Carbazole
 Concen: 44.634 ng
 RT: 11.860 min Scan# 1534
 Delta R.T. -0.000 min
 Lab File: BF132225.D
 Acq: 30 Jan 2023 22:59

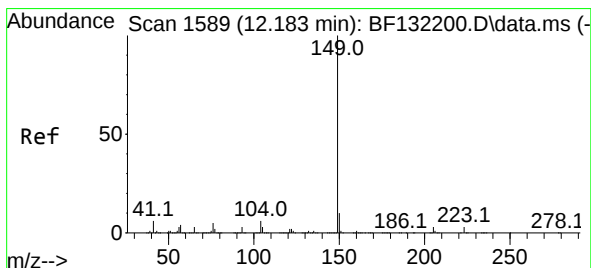
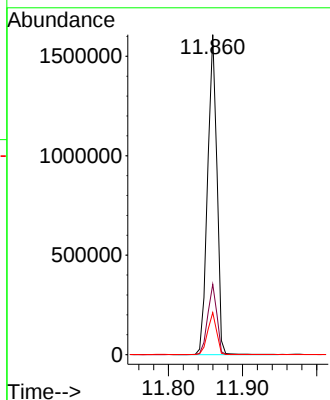
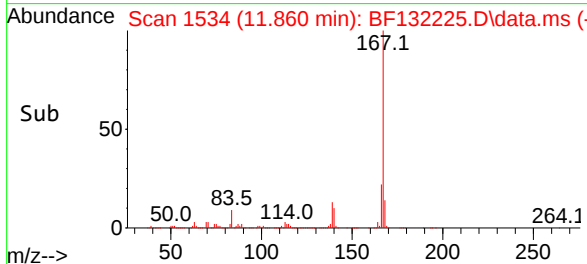
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD



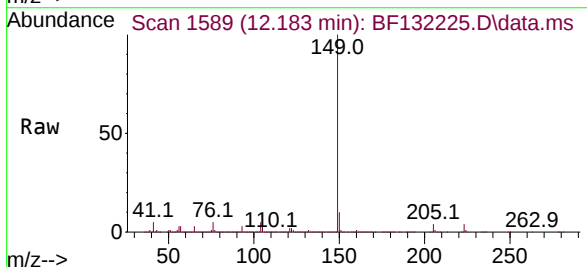
Tgt Ion:167 Resp: 1393078
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.1 10.8 16.2

Manual Integrations
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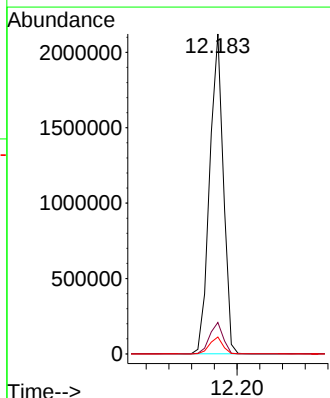
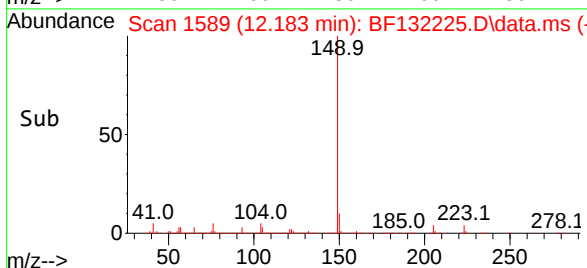
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

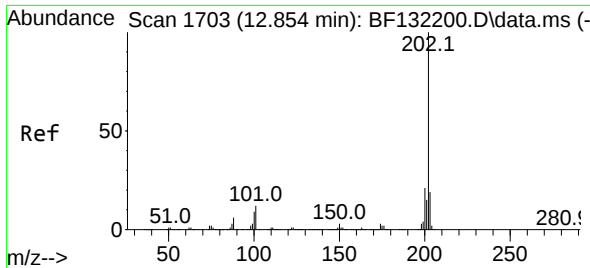


#74
 Di-n-butylphthalate
 Concen: 50.128 ng
 RT: 12.183 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF132225.D
 Acq: 30 Jan 2023 22:59



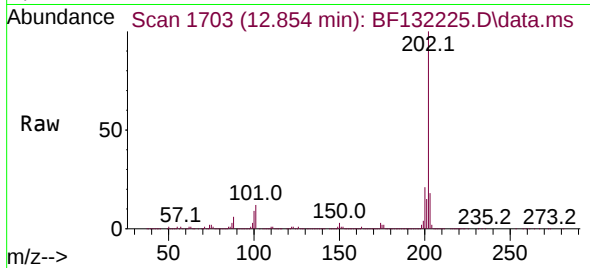
Tgt Ion:149 Resp: 1779973
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.3 4.6 7.0





#75
Fluoranthene
Concen: 42.105 ng
RT: 12.854 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

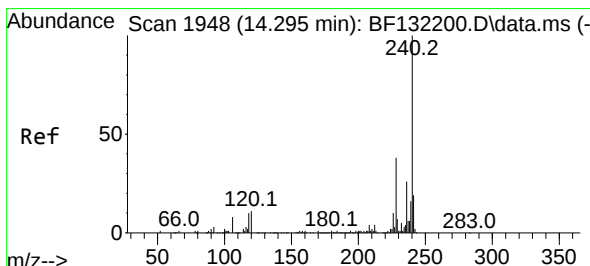
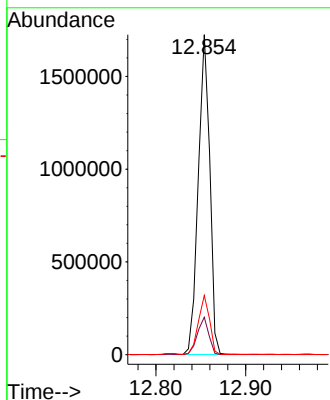
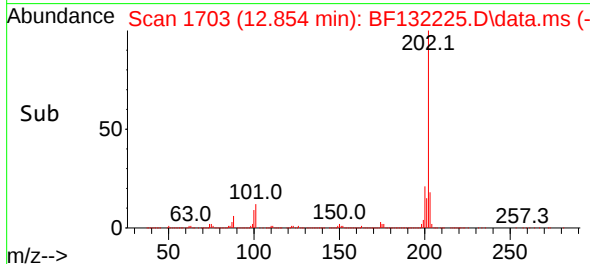
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:202 Resp: 1528533
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.5
203 18.5 0.0 38.8

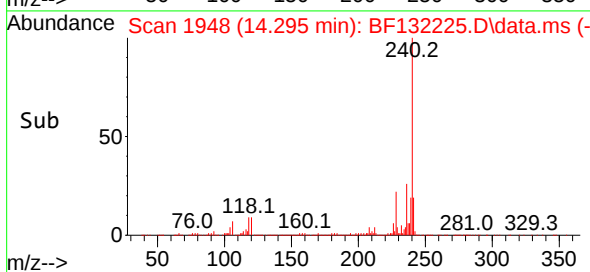
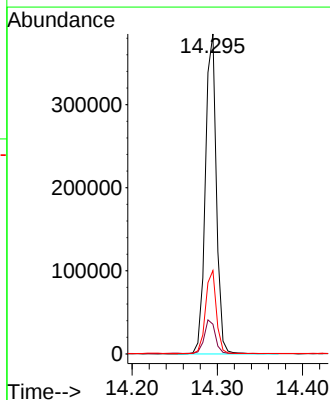
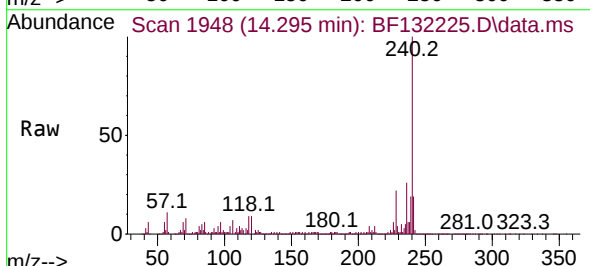
Manual Integrations
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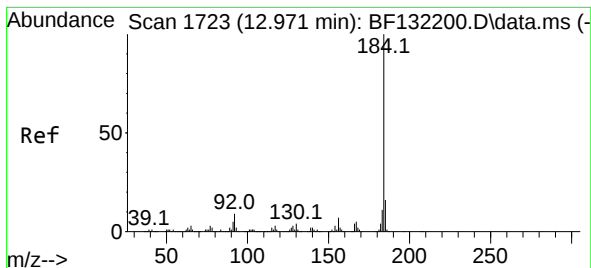
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:240 Resp: 345304
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.4
236 26.0 20.8 31.2





#77

Benzidine

Concen: 50.262 ng

RT: 12.971 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

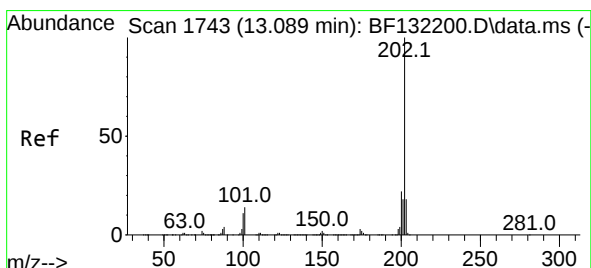
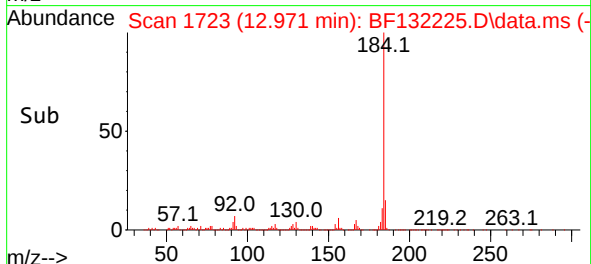
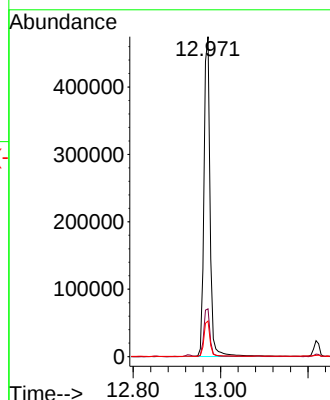
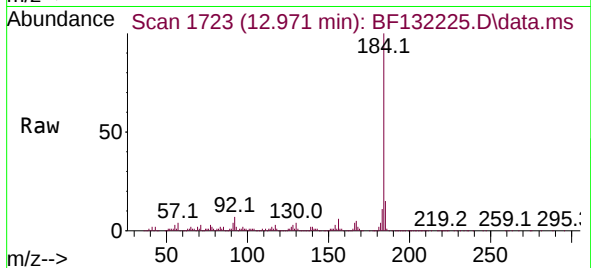
72-11985MSD

Tgt Ion:184 Resp: 453017
 Ion Ratio Lower Upper
 184 100
 185 14.9 13.2 19.8
 183 11.1 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#78

Pyrene

Concen: 45.725 ng

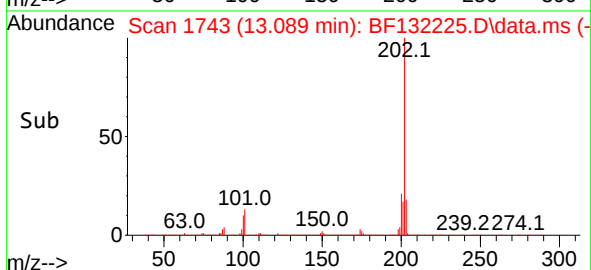
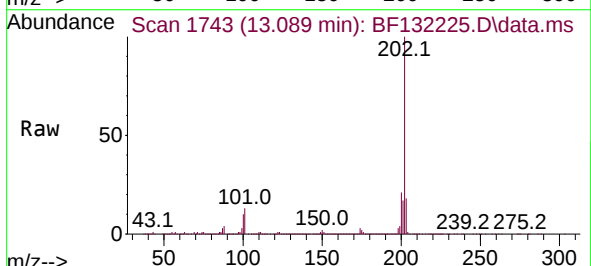
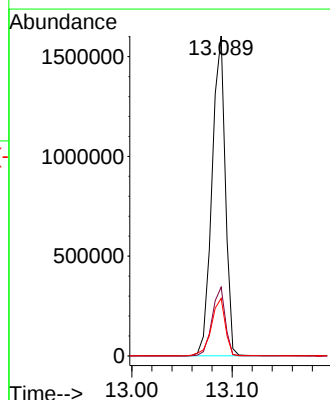
RT: 13.089 min Scan# 1743

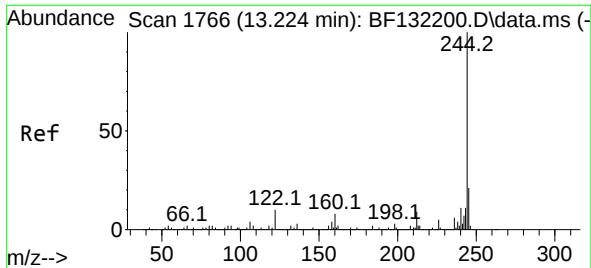
Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Tgt Ion:202 Resp: 1479373
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 18.0 14.7 22.1





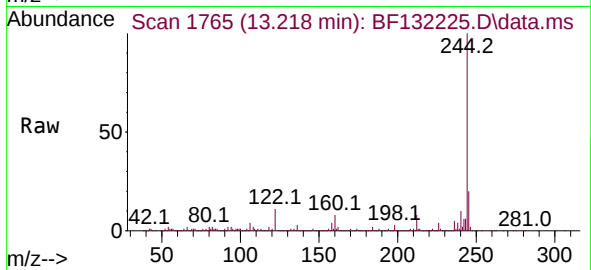
#79
 Terphenyl-d14
 Concen: 64.756 ng
 RT: 13.218 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BF132225.D
 Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

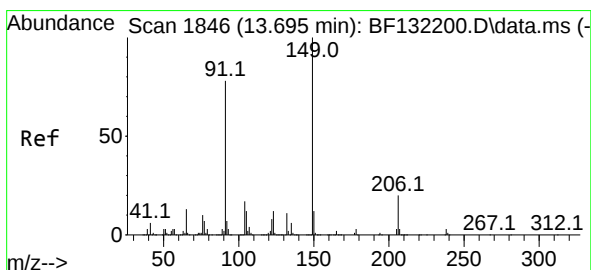
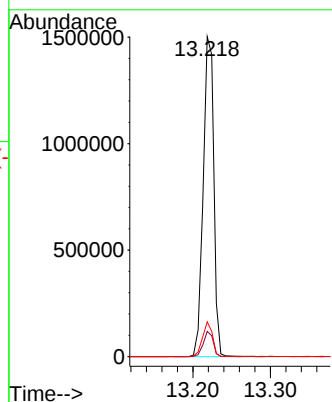
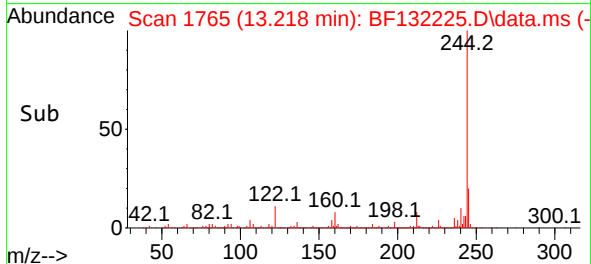


Tgt Ion:244 Resp: 1423220
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.8 10.2
 122 10.9 8.3 12.5

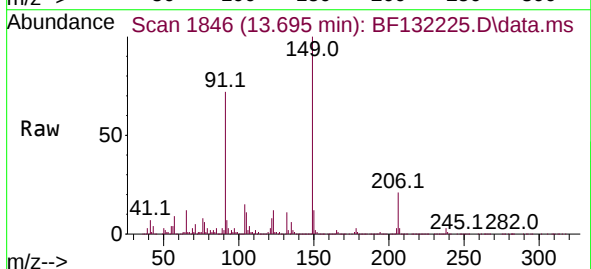
Manual Integrations

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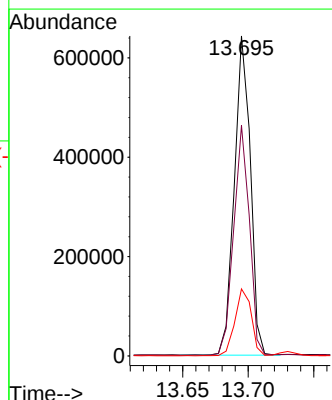
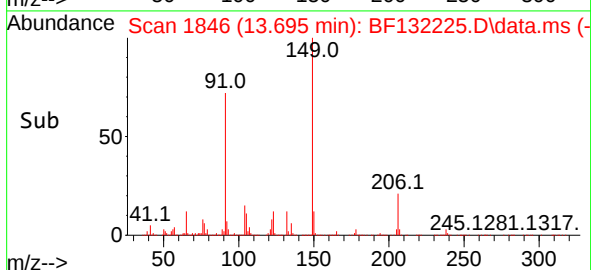
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

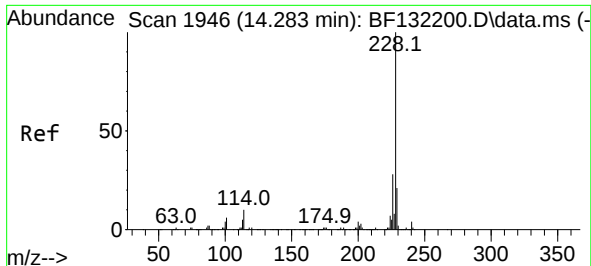


#80
 Butylbenzylphthalate
 Concen: 50.174 ng
 RT: 13.695 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF132225.D
 Acq: 30 Jan 2023 22:59



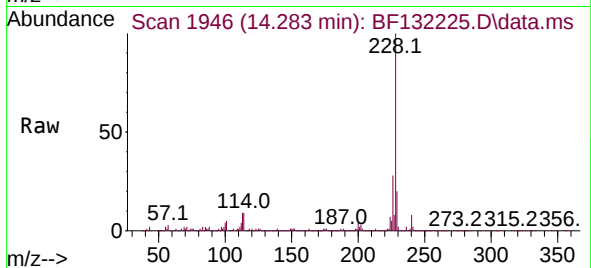
Tgt Ion:149 Resp: 546947
 Ion Ratio Lower Upper
 149 100
 91 72.0 62.1 93.1
 206 20.9 15.8 23.8





#81
Benzo(a)anthracene
Concen: 47.275 ng
RT: 14.283 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

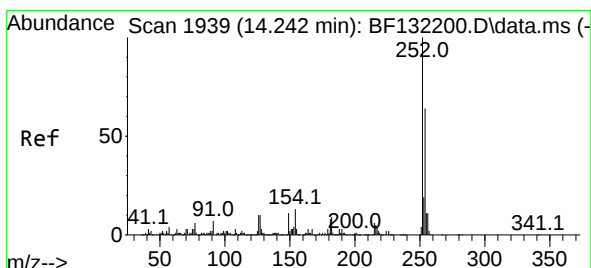
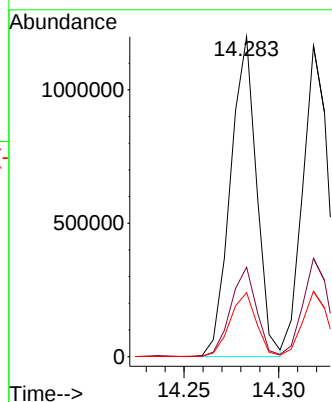
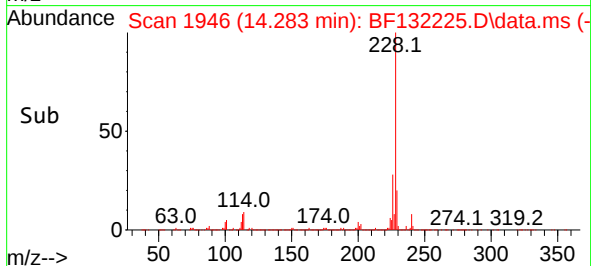
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



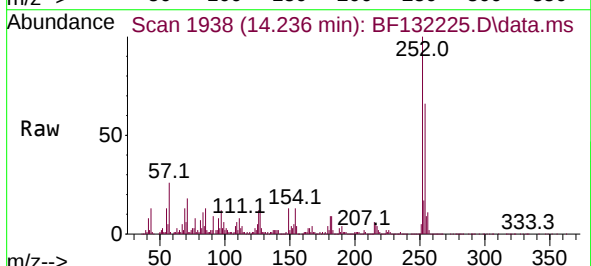
Tgt Ion:228 Resp: 1147777
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 16.5 24.7

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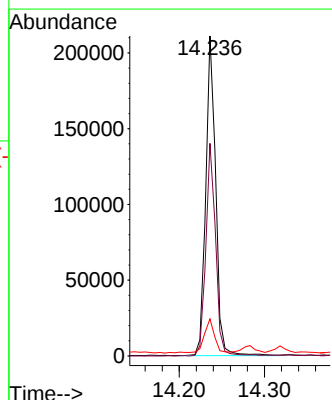
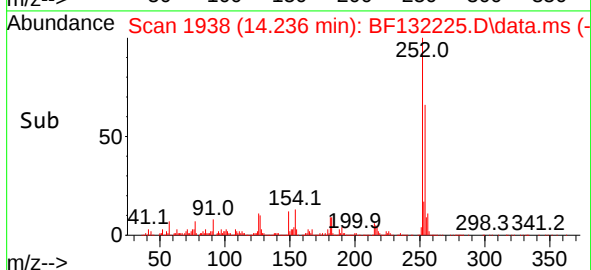
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

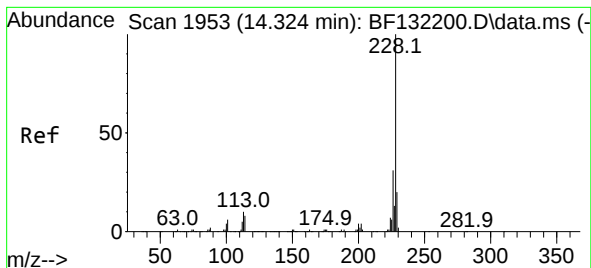


#82
3,3'-Dichlorobenzidine
Concen: 25.986 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59



Tgt Ion:252 Resp: 170967
Ion Ratio Lower Upper
252 100
254 66.4 51.5 77.3
126 11.6 8.0 12.0





#83

Chrysene

Concen: 46.856 ng

RT: 14.318 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:228 Resp: 1060134

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

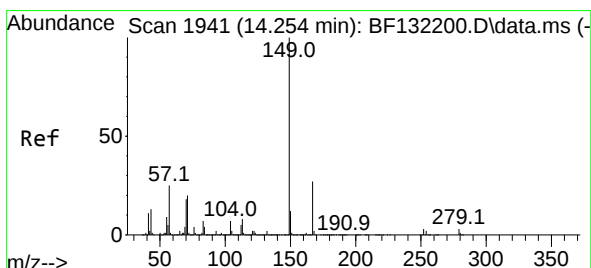
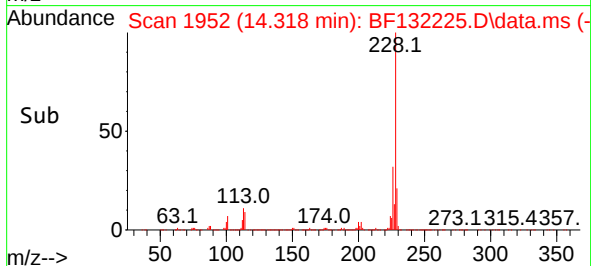
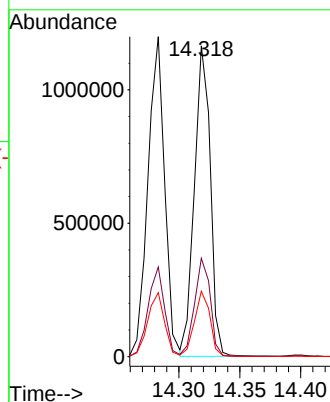
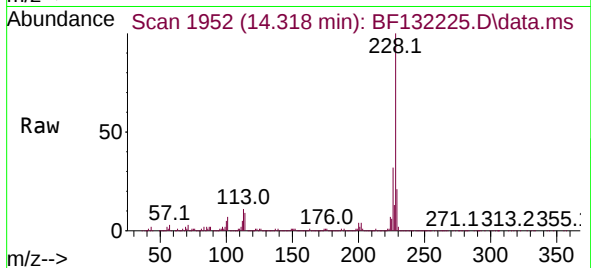
229 21.0 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.456 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

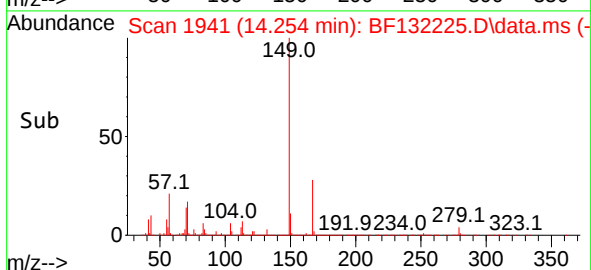
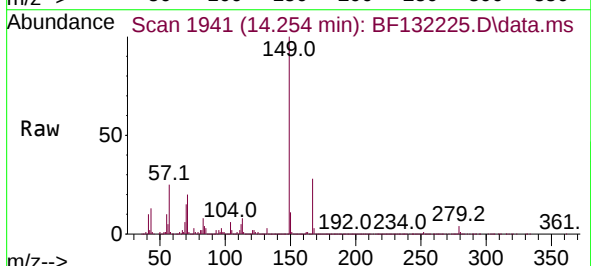
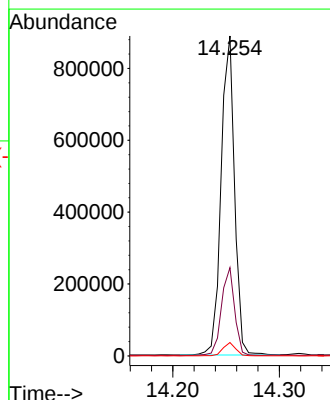
Tgt Ion:149 Resp: 782818

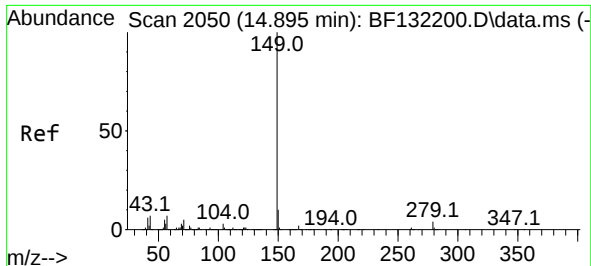
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

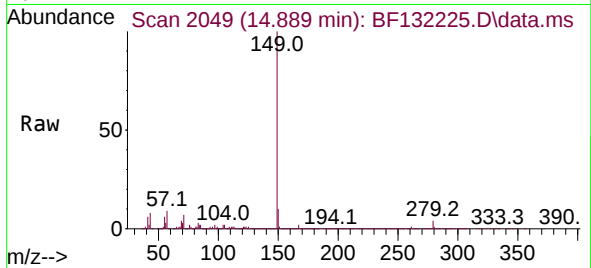
279 4.2 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 56.434 ng
RT: 14.889 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

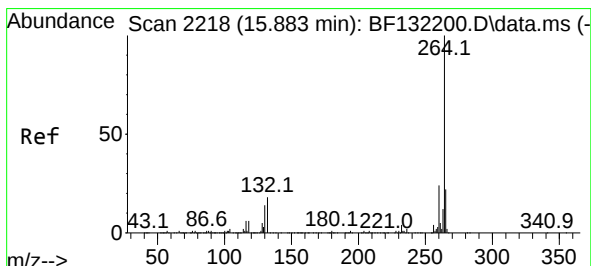
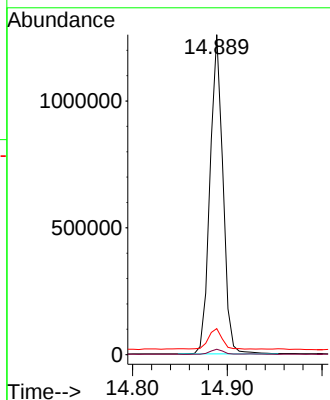
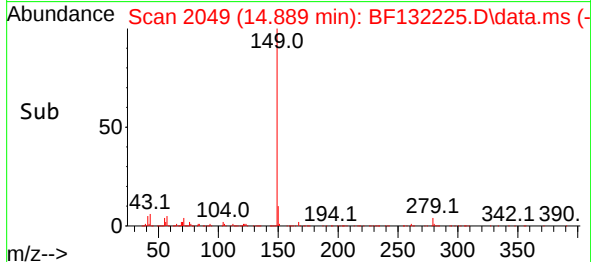
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:149 Resp: 1198246
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.0 6.6 10.0

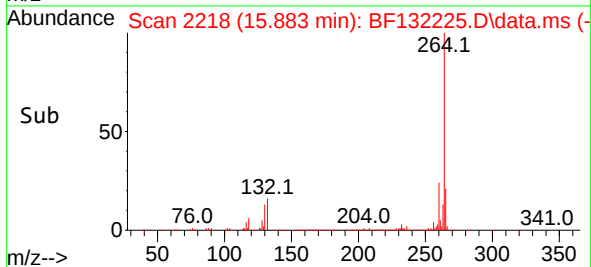
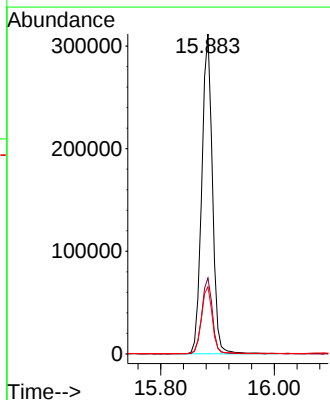
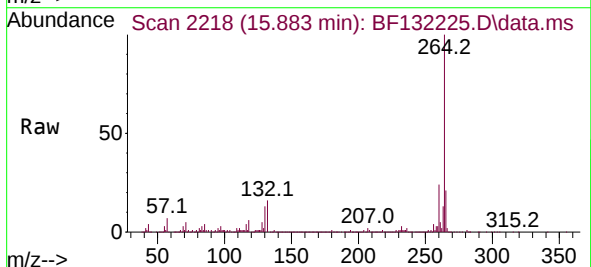
Manual Integrations
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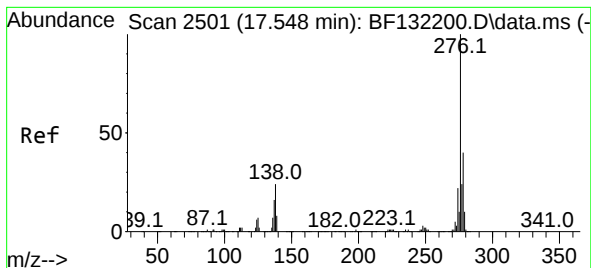
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.883 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:264 Resp: 404761
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.582 ng

RT: 17.536 min Scan# 2499

Delta R.T. -0.012 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:276 Resp: 1193061

Ion Ratio Lower Upper

276 100

138 24.8 21.0 31.6

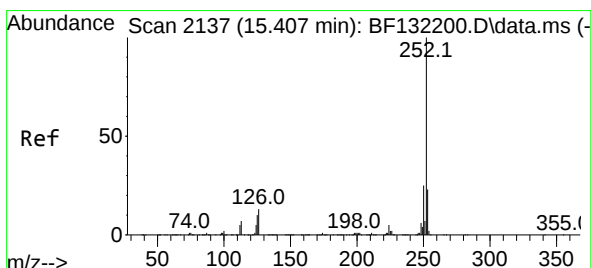
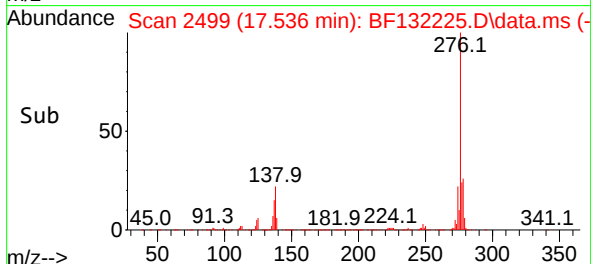
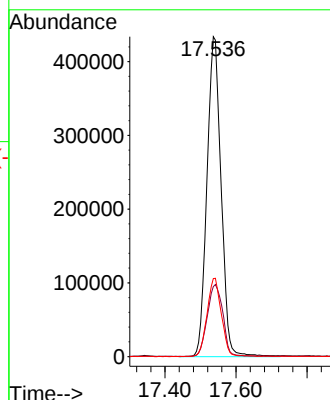
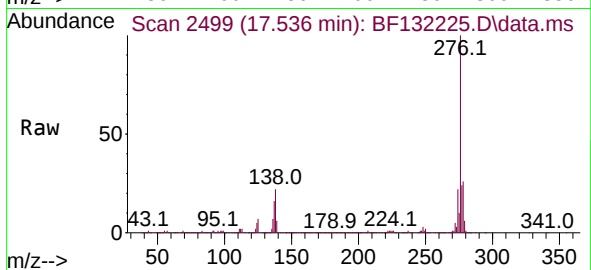
277 24.7 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#88

Benzo(b)fluoranthene

Concen: 47.570 ng

RT: 15.406 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

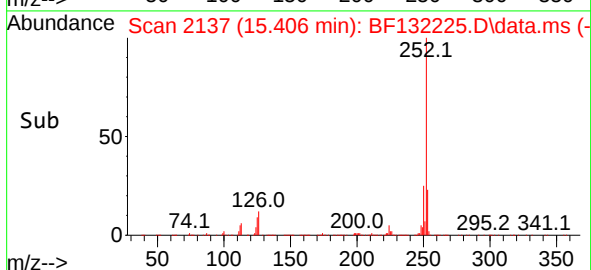
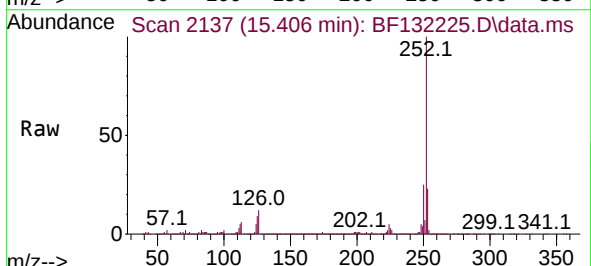
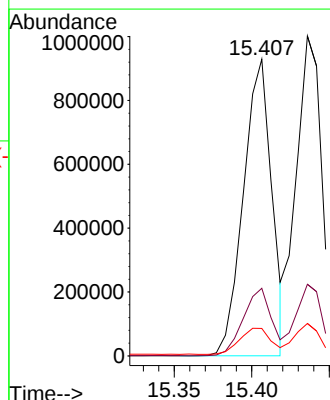
Tgt Ion:252 Resp: 1182549

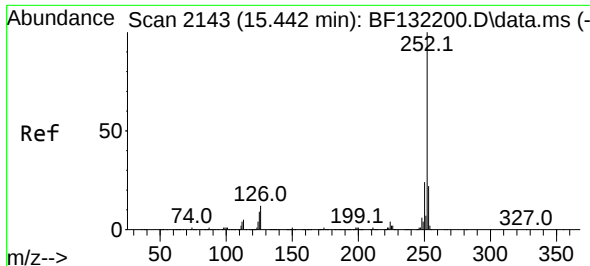
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 9.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.206 ng

RT: 15.436 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:252 Resp: 1159573

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

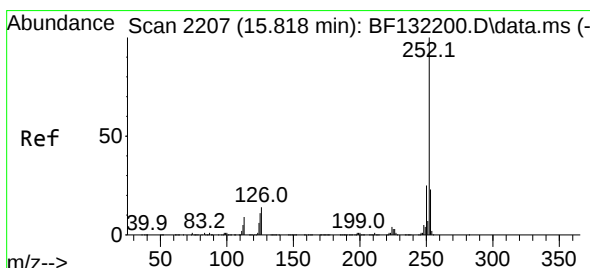
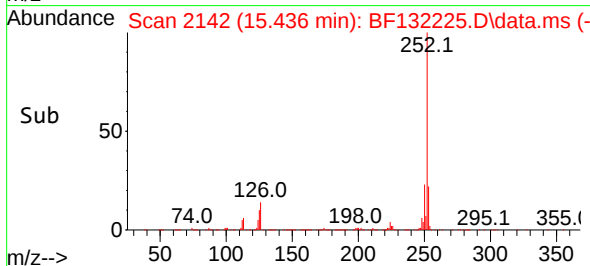
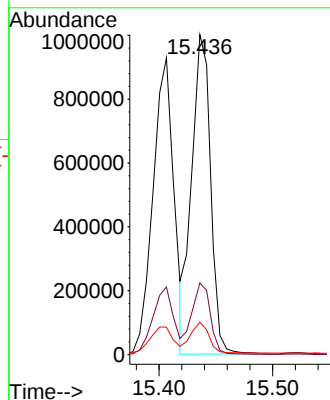
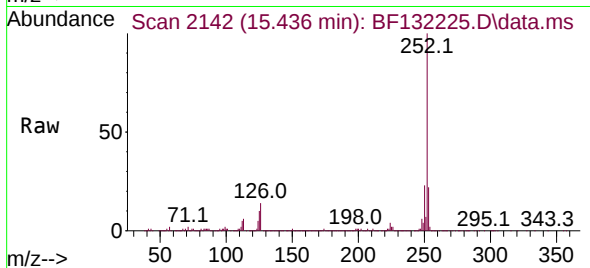
125 10.1 7.7 11.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#90

Benzo(a)pyrene

Concen: 46.333 ng

RT: 15.812 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF132225.D

Acq: 30 Jan 2023 22:59

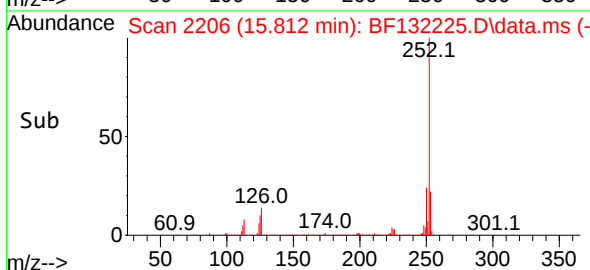
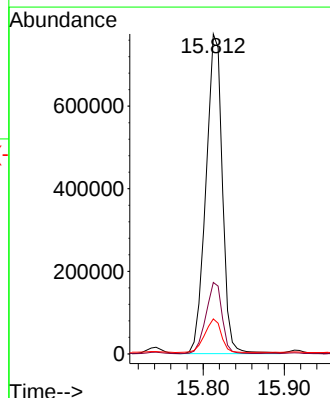
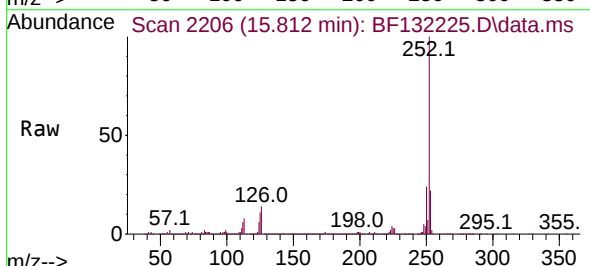
Tgt Ion:252 Resp: 1087029

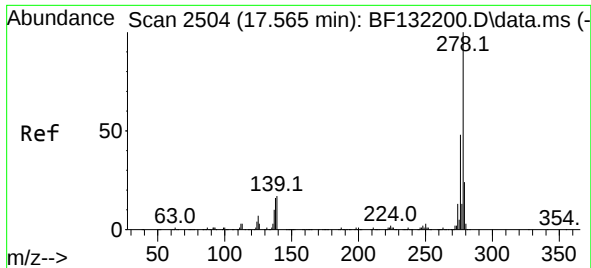
Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

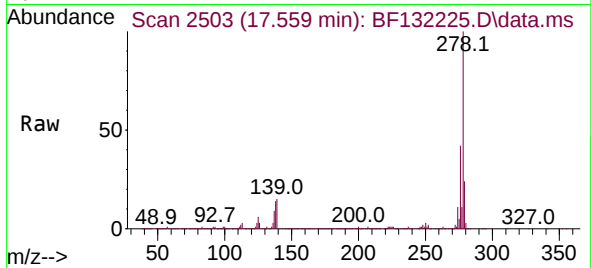
125 10.9 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 44.300 ng
RT: 17.559 min Scan# 2503
Delta R.T. -0.006 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

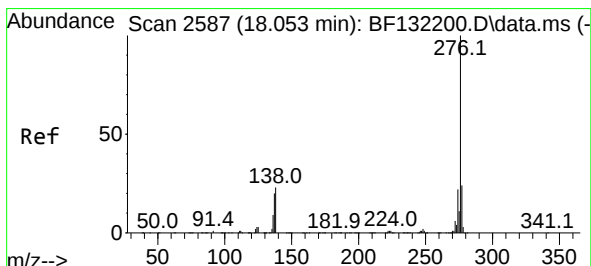
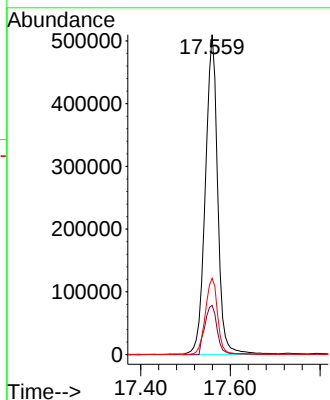
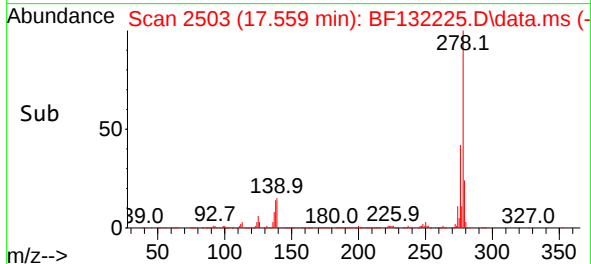
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:278 Resp: 969294
Ion Ratio Lower Upper
278 100
139 15.4 13.2 19.8
279 23.9 19.1 28.7

Manual Integrations
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Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#92
Benzo(g,h,i)perylene
Concen: 40.815 ng
RT: 18.042 min Scan# 2585
Delta R.T. -0.012 min
Lab File: BF132225.D
Acq: 30 Jan 2023 22:59

Tgt Ion:276 Resp: 910526
Ion Ratio Lower Upper
276 100
277 24.9 19.1 28.7
138 22.4 18.3 27.5

