

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131122.D
 Acq On : 10 Nov 2022 14:28
 Operator : CG\JU
 Sample : N5378-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/11/2022
 Supervised By : Jagrut Upadhyay 11/11/2022

Quant Time: Nov 11 00:47:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74735	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	283719	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	155116	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	271537	20.000	ng	0.00
76) Chrysene-d12	14.080	240	155731	20.000	ng	0.00
86) Perylene-d12	15.574	264	154606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	559584	127.335	ng	0.01
7) Phenol-d6	6.522	99	716873	124.774	ng	0.00
23) Nitrobenzene-d5	7.457	82	480993	76.491	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	195886	122.193	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	771013	69.388	ng	0.00
79) Terphenyl-d14	13.016	244	700290	78.843	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	79088	36.562	ng	95
3) Pyridine	3.510	79	228937	38.545	ng	99
4) n-Nitrosodimethylamine	3.481	42	130630	38.126	ng	91
6) Aniline	6.551	93	231663	32.846	ng	97
8) 2-Chlorophenol	6.675	128	242144	47.896	ng	98
9) Benzaldehyde	6.445	77	163644	43.771	ng	96
10) Phenol	6.534	94	309024	46.012	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	233559	48.607	ng	99
12) 1,3-Dichlorobenzene	6.828	146	263595	46.885	ng	98
13) 1,4-Dichlorobenzene	6.904	146	266986	46.749	ng	99
14) 1,2-Dichlorobenzene	7.057	146	251872	47.612	ng	97
15) Benzyl Alcohol	7.034	79	220919	50.275	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	408693	50.726	ng	99
17) 2-Methylphenol	7.145	107	191020	45.175	ng	98
18) Hexachloroethane	7.398	117	102548	48.156	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	177107	46.950	ng	99
20) 3+4-Methylphenols	7.298	107	239627	45.358	ng	# 77
22) Acetophenone	7.304	105	335872	47.305	ng	94
24) Nitrobenzene	7.475	77	279102	45.819	ng	98
25) Isophorone	7.716	82	487363	50.125	ng	97
26) 2-Nitrophenol	7.792	139	124991	46.244	ng	95
27) 2,4-Dimethylphenol	7.828	122	220037	53.086	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	288134	52.291	ng	99
29) 2,4-Dichlorophenol	8.034	162	204609	46.173	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	215623	45.123	ng	99
31) Naphthalene	8.198	128	690133	44.518	ng	99
32) Benzoic acid	7.951	122	88812	32.622	ng	97
33) 4-Chloroaniline	8.245	127	121403	19.530	ng	98
34) Hexachlorobutadiene	8.310	225	143904	44.073	ng	97
35) Caprolactam	8.628	113	62118m	45.727	ng	
36) 4-Chloro-3-methylphenol	8.733	107	226236	46.135	ng	99
37) 2-Methylnaphthalene	8.892	142	443005	44.331	ng	99
38) 1-Methylnaphthalene	8.992	142	411379	42.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	227289	44.872	ng	99
41) Hexachlorocyclopentadiene	9.039	237	188203	95.227	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	146429	44.050	ng	98

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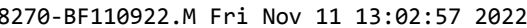
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	157716	42.406	ng	98
46) 1,1'-Biphenyl	9.357	154	544941	45.437	ng	99
47) 2-Chloronaphthalene	9.380	162	431087	44.294	ng	99
48) 2-Nitroaniline	9.480	65	157785	44.546	ng	98
49) Acenaphthylene	9.798	152	657044	44.182	ng	99
50) Dimethylphthalate	9.657	163	506546	45.908	ng	100
51) 2,6-Dinitrotoluene	9.722	165	111729	46.076	ng	98
52) Acenaphthene	9.975	154	388790	43.828	ng	98
53) 3-Nitroaniline	9.892	138	67176	24.231	ng	94
54) 2,4-Dinitrophenol	10.004	184	102371	80.431	ng	# 89
55) Dibenzofuran	10.145	168	581882	44.293	ng	97
56) 4-Nitrophenol	10.063	139	153534	83.208	ng	97
57) 2,4-Dinitrotoluene	10.133	165	150618	46.726	ng	94
58) Fluorene	10.486	166	463013	43.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	125992	44.056	ng	100
60) Diethylphthalate	10.357	149	498365	46.899	ng	100
61) 4-Chlorophenyl-phenylether	10.480	204	225765	45.467	ng	98
62) 4-Nitroaniline	10.516	138	110399	39.405	ng	98
63) Azobenzene	10.639	77	507961	45.669	ng	100
65) 4,6-Dinitro-2-methylphthalate	10.539	198	74630	42.747	ng	83
66) n-Nitrosodiphenylamine	10.598	169	429283	47.025	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	143920	46.872	ng	98
68) Hexachlorobenzene	11.033	284	159186	46.519	ng	96
69) Atrazine	11.127	200	139741	49.450	ng	98
70) Pentachlorophenol	11.233	266	124282	71.829	ng	98
71) Phenanthrene	11.457	178	668266	44.747	ng	99
72) Anthracene	11.510	178	671174	46.305	ng	100
73) Carbazole	11.663	167	576800	44.749	ng	99
74) Di-n-butylphthalate	11.986	149	728508	50.111	ng	99
75) Fluoranthene	12.645	202	660894	44.210	ng	99
77) Benzidine	12.769	184	183816	40.009	ng	99
78) Pyrene	12.880	202	660929	49.467	ng	99
80) Butylbenzylphthalate	13.492	149	254003	53.099	ng	97
81) Benzo(a)anthracene	14.068	228	510036	45.820	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	109893	34.590	ng	99
83) Chrysene	14.104	228	475584	45.241	ng	99
84) Bis(2-ethylhexyl)phthalate	14.045	149	321043	62.171	ng	99
85) Di-n-octyl phthalate	14.663	149	505754	77.233	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	534132	42.688	ng	99
88) Benzo(b)fluoranthene	15.133	252	493095	45.111	ng	98
89) Benzo(k)fluoranthene	15.168	252	453260	43.142	ng	99
90) Benzo(a)pyrene	15.515	252	431959	49.291	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	447545	44.006	ng	99
92) Benzo(g,h,i)perylene	17.562	276	440016	41.154	ng	99

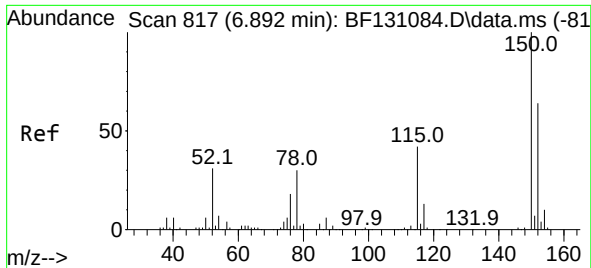
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

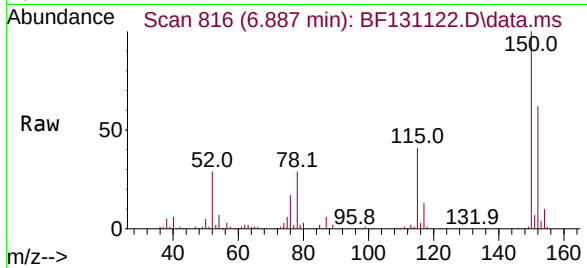
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QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

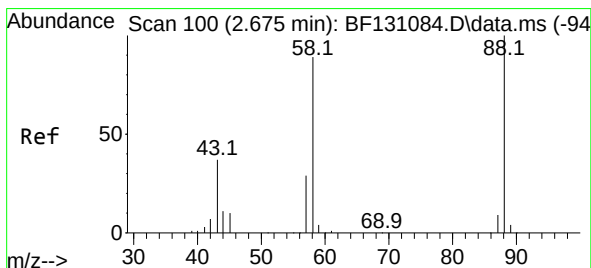
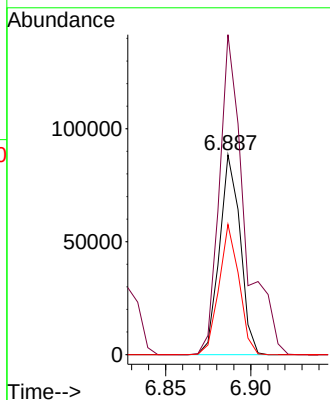
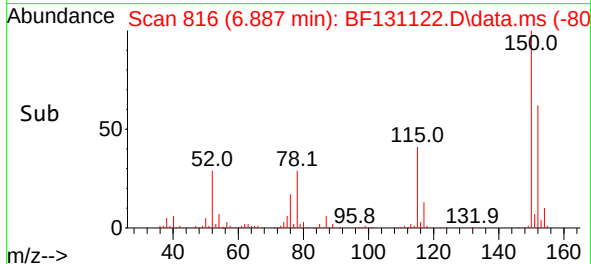
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:152 Resp: 74735
Ion Ratio Lower Upper
152 100
150 160.2 125.5 188.3
115 65.2 52.2 78.2

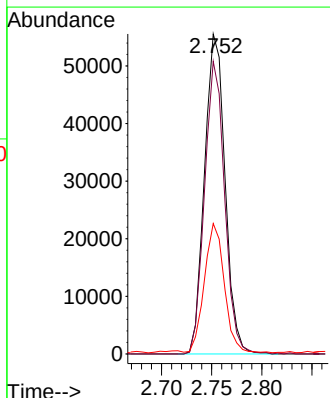
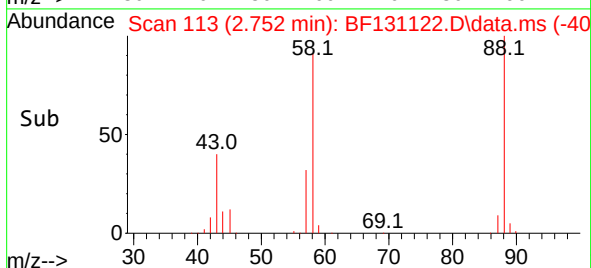
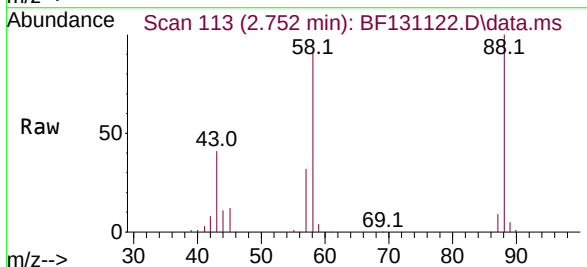
Manual Integrations
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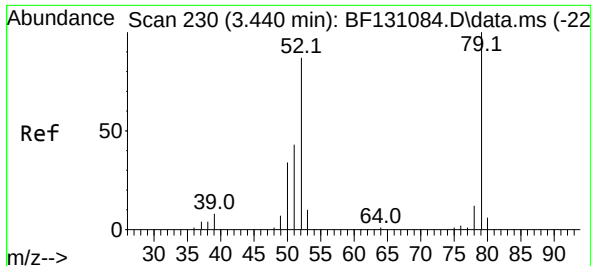
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#2
1,4-Dioxane
Concen: 36.562 ng
RT: 2.752 min Scan# 113
Delta R.T. 0.077 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

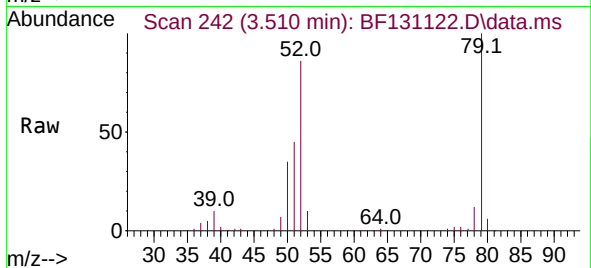
Tgt Ion: 88 Resp: 79088
Ion Ratio Lower Upper
88 100
58 89.3 68.5 102.7
43 39.1 28.6 42.8





#3
Pyridine
Concen: 38.545 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.070 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

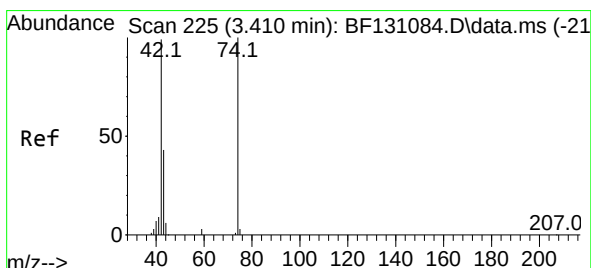
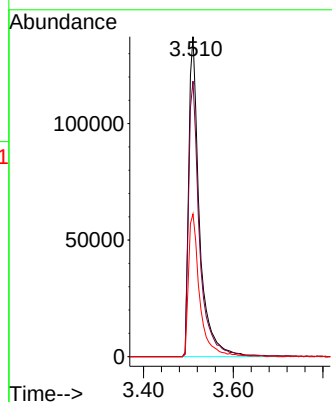
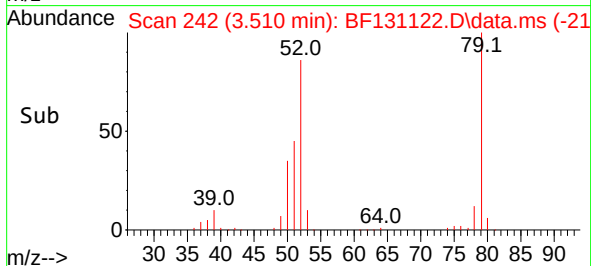
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



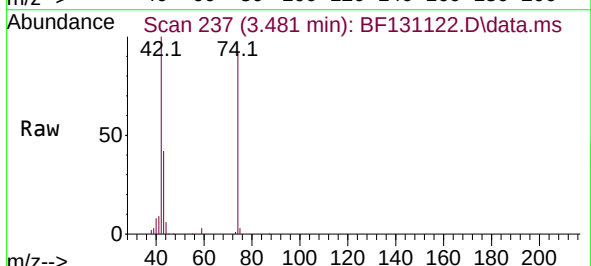
Tgt Ion: 79 Resp: 22893
Ion Ratio Lower Upper
79 100
52 86.1 69.4 104.2
51 44.6 34.2 51.4

Manual Integrations
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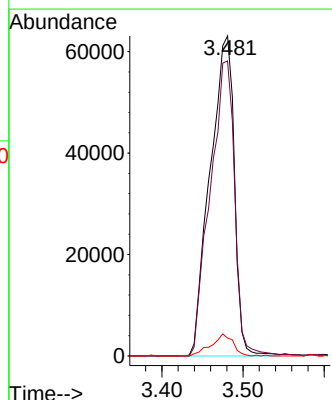
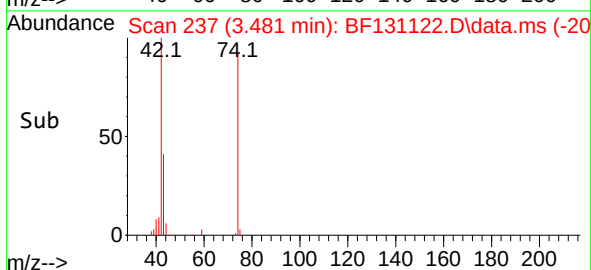
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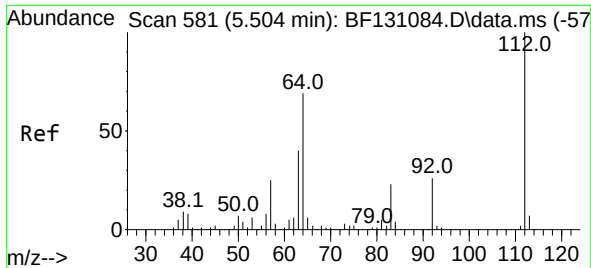


#4
n-Nitrosodimethylamine
Concen: 38.126 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.071 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



Tgt Ion: 42 Resp: 130630
Ion Ratio Lower Upper
42 100
74 92.2 81.0 121.4
44 5.6 5.0 7.4





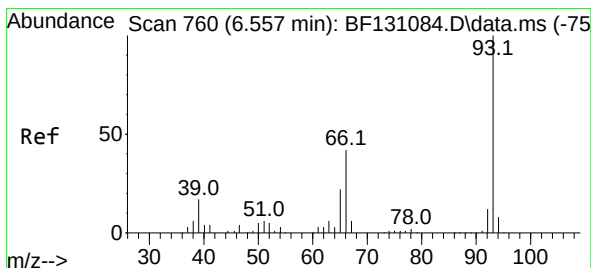
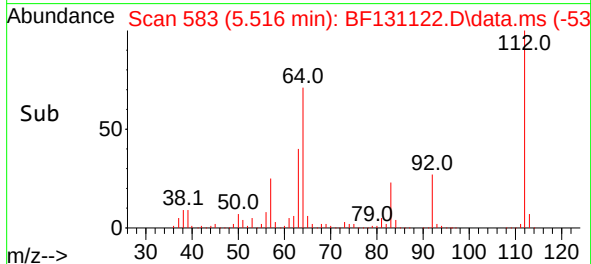
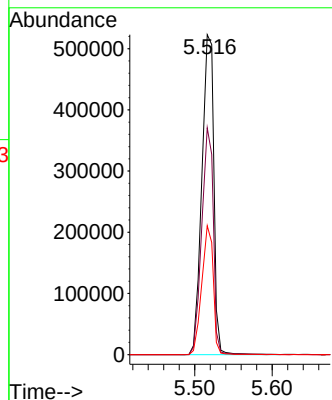
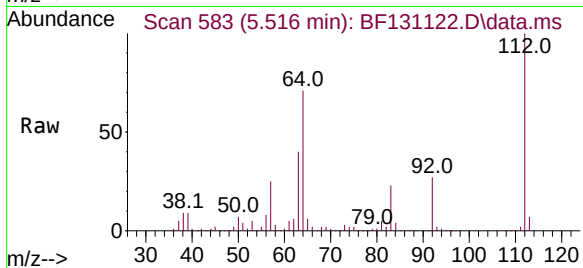
#5
2-Fluorophenol
Concen: 127.335 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :
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ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Tgt Ion:112 Resp: 559584
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 40.3 32.4 48.6

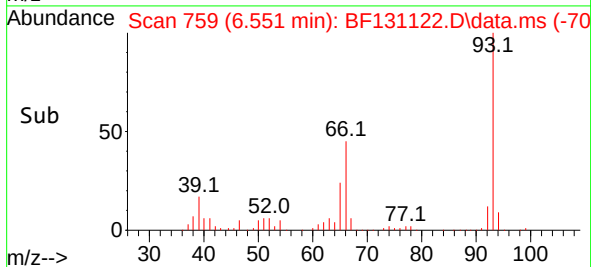
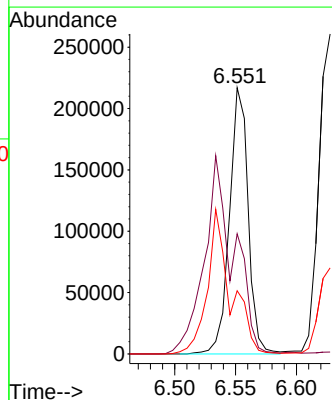
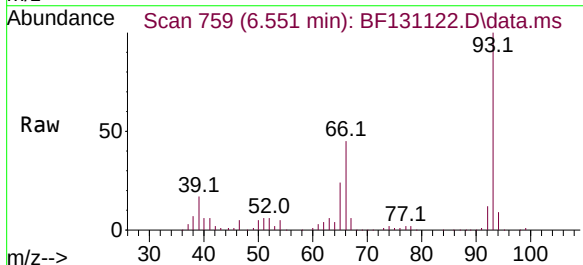
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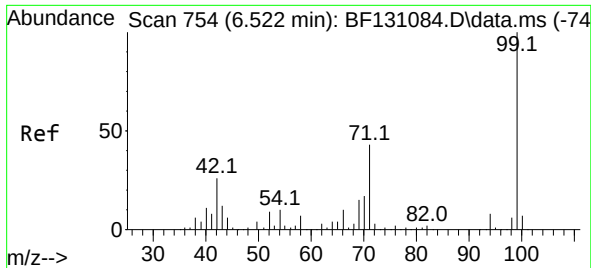
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#6
Aniline
Concen: 32.846 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

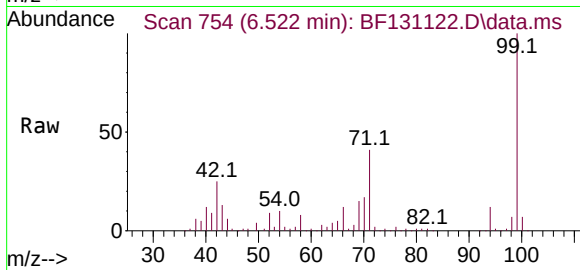
Tgt Ion: 93 Resp: 231663
Ion Ratio Lower Upper
93 100
66 45.1 34.4 51.6
65 23.7 17.6 26.4





#7
Phenol-d6
Concen: 124.774 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

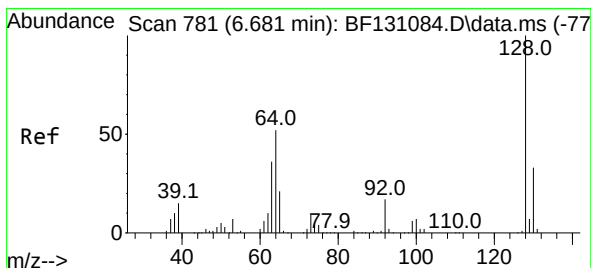
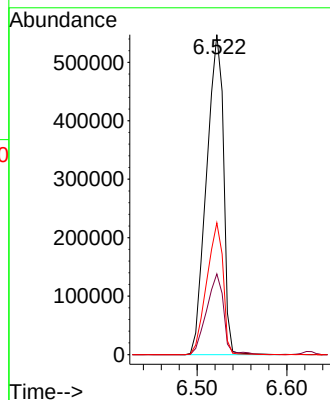
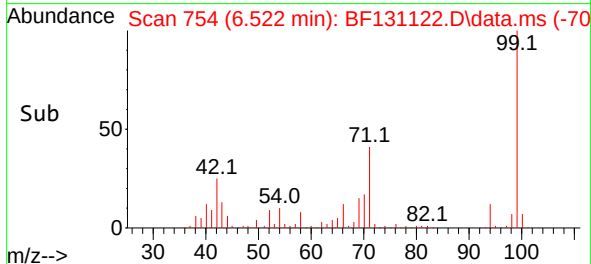
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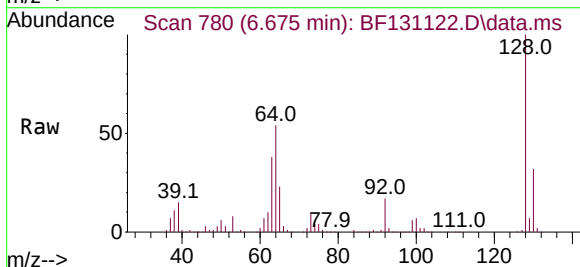
Tgt Ion: 99 Resp: 716873
Ion Ratio Lower Upper
99 100
42 25.2 20.8 31.2
71 41.2 34.2 51.4

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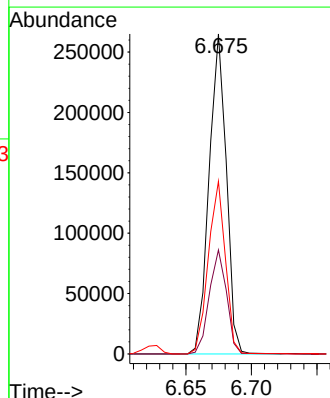
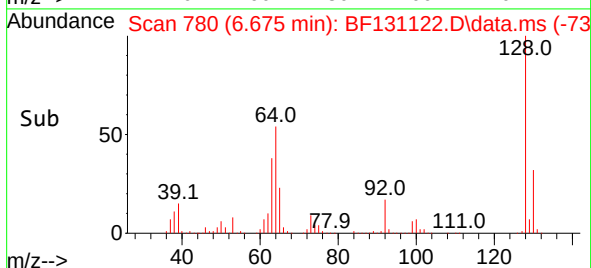
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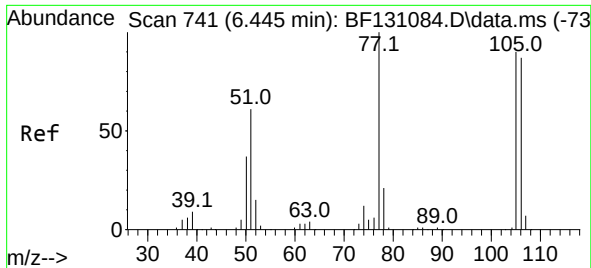


#8
2-Chlorophenol
Concen: 47.896 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



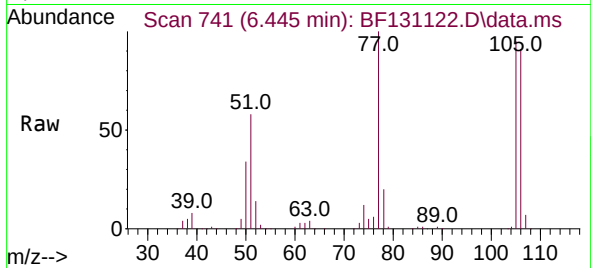
Tgt Ion:128 Resp: 242144
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 53.9 32.0 72.0





#9
Benzaldehyde
Concen: 43.771 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

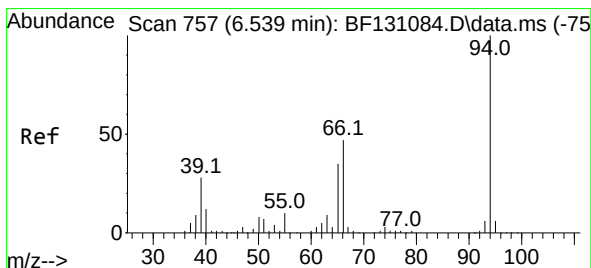
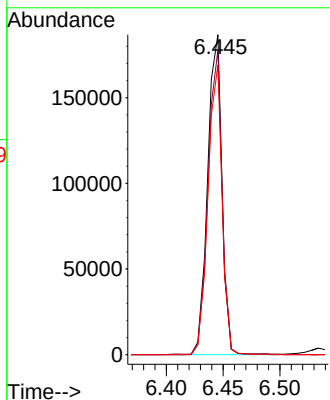
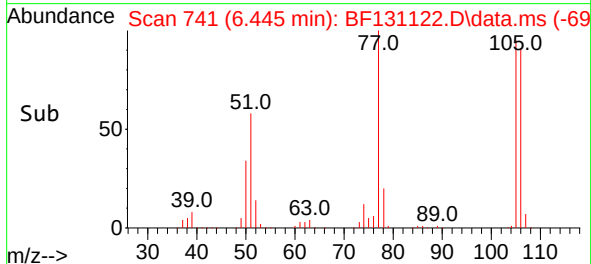
Instrument :
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SB-16-20221028-10.5-11.5MSD



Tgt Ion: 77 Resp: 163644
Ion Ratio Lower Upper
77 100
105 95.1 70.1 110.1
106 90.5 67.3 107.3

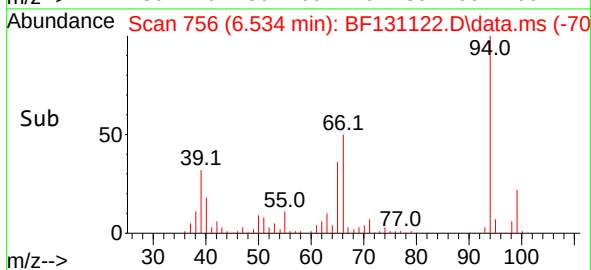
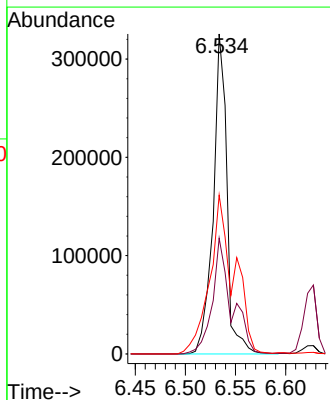
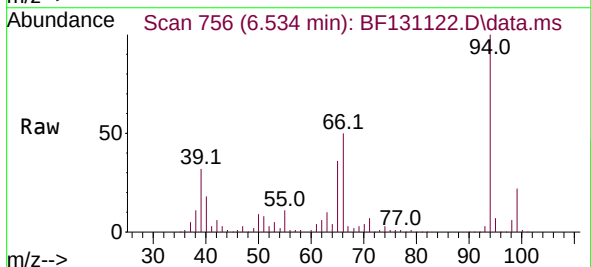
Manual Integrations
APPROVED

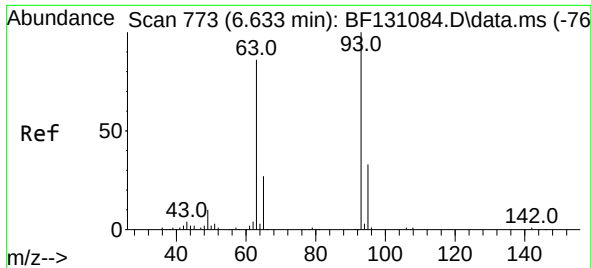
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#10
Phenol
Concen: 46.012 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion: 94 Resp: 309024
Ion Ratio Lower Upper
94 100
65 36.2 14.8 54.8
66 49.6 27.5 67.5





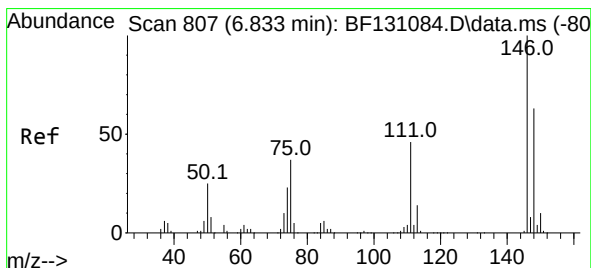
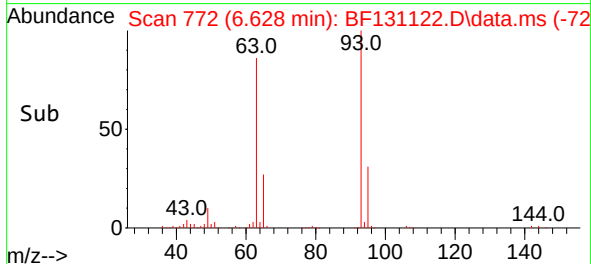
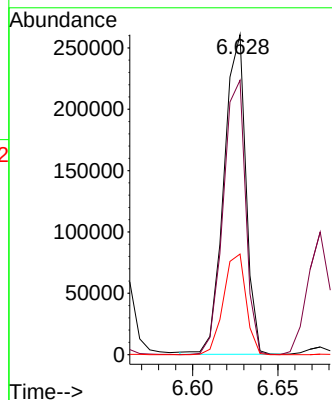
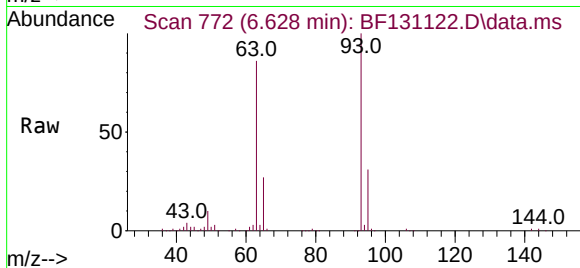
#11
bis(2-Chloroethyl)ether
Concen: 48.607 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Tgt Ion: 93 Resp: 233559
Ion Ratio Lower Upper
93 100
63 85.7 65.3 105.3
95 31.4 12.7 52.7

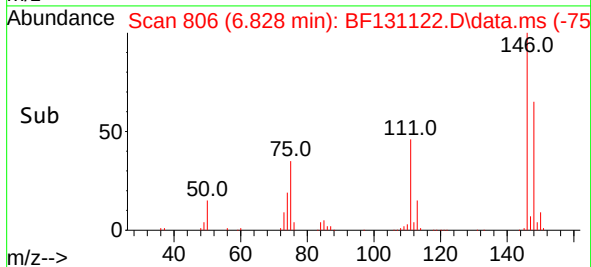
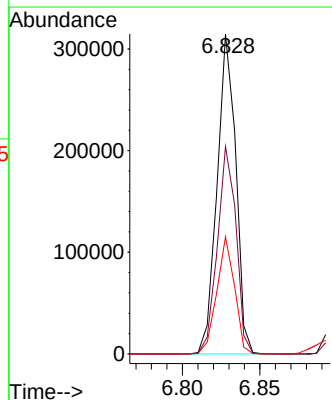
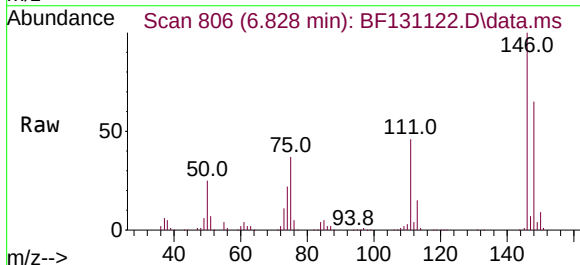
Manual Integrations
APPROVED

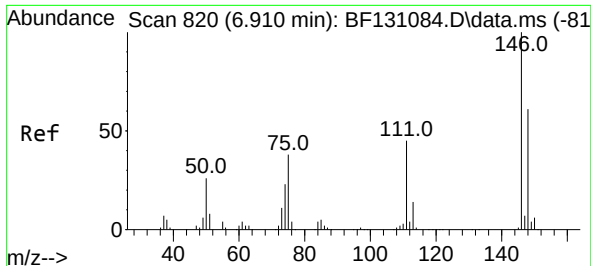
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#12
1,3-Dichlorobenzene
Concen: 46.885 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:146 Resp: 263595
Ion Ratio Lower Upper
146 100
148 64.8 50.5 75.7
75 36.6 29.8 44.6





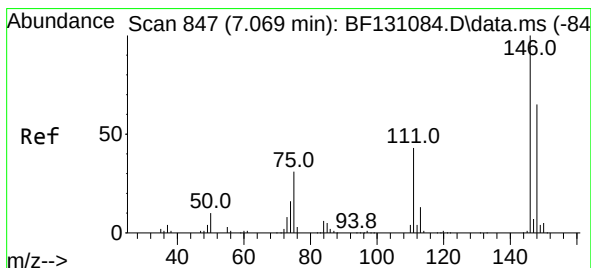
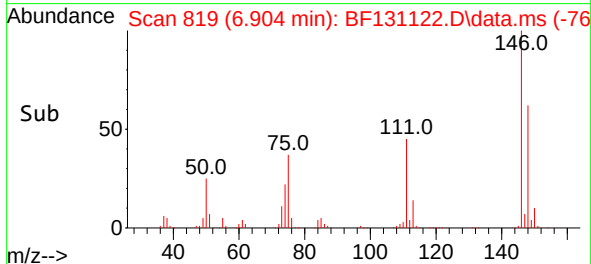
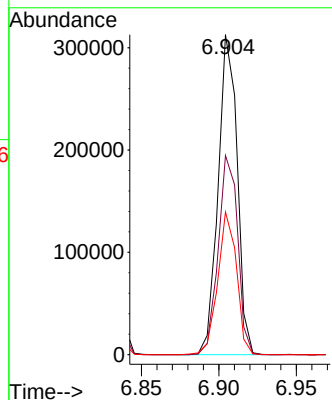
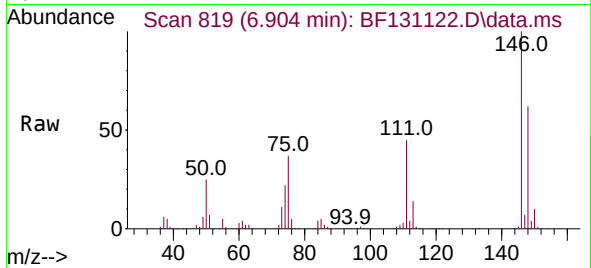
#13
1,4-Dichlorobenzene
Concen: 46.749 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Tgt Ion:146 Resp: 266986
Ion Ratio Lower Upper
146 100
148 62.2 49.0 73.6
111 44.6 35.9 53.9

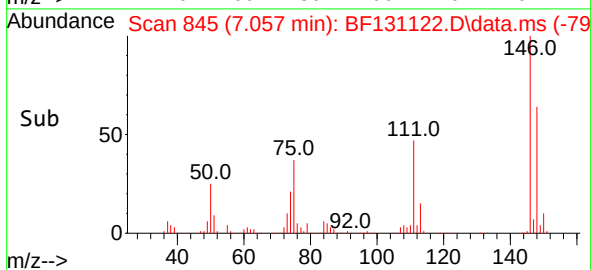
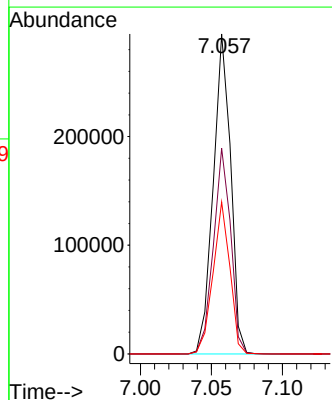
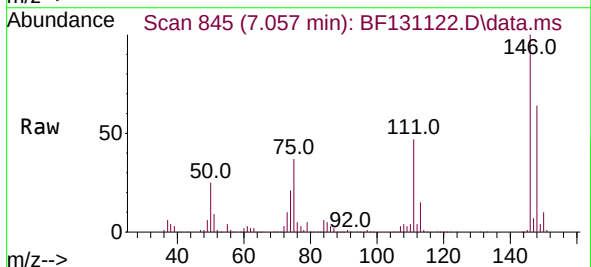
Manual Integrations
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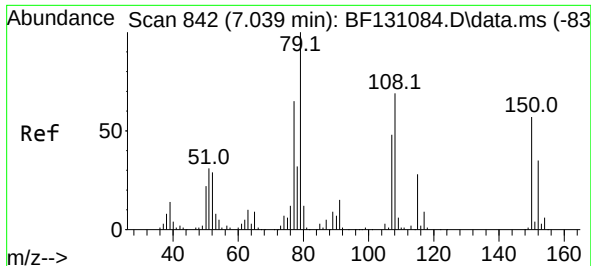
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#14
1,2-Dichlorobenzene
Concen: 47.612 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

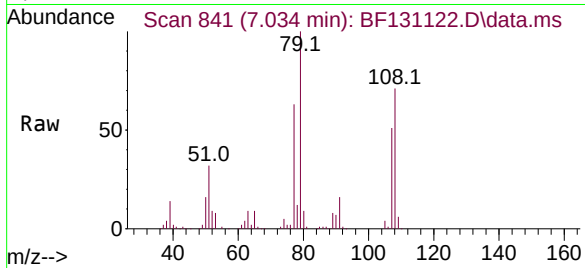
Tgt Ion:146 Resp: 251872
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 47.5 34.8 52.2





#15
Benzyl Alcohol
Concen: 50.275 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

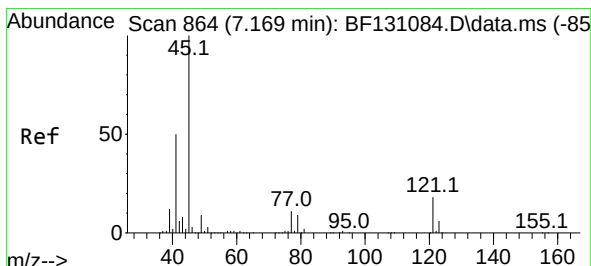
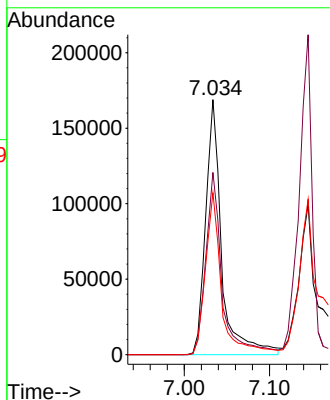
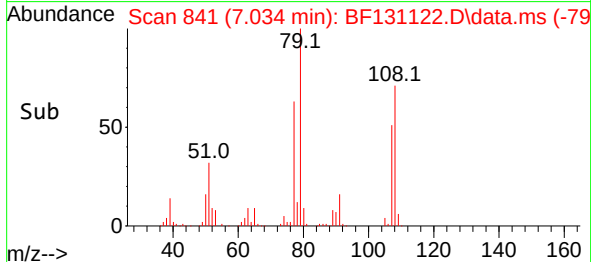
Instrument : BNA_F
ClientSampleId : SB-16-20221028-10.5-11.5MSD



Tgt Ion: 79 Resp: 220919
Ion Ratio Lower Upper
79 100
108 71.5 55.5 83.3
77 63.5 51.8 77.8

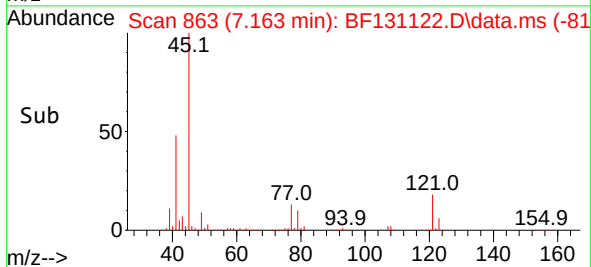
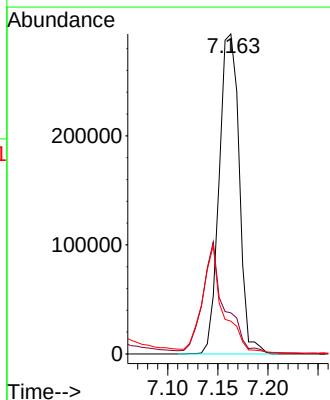
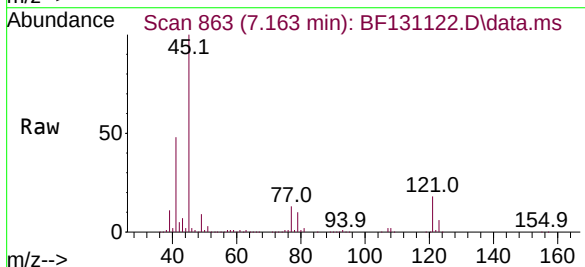
Manual Integrations
APPROVED

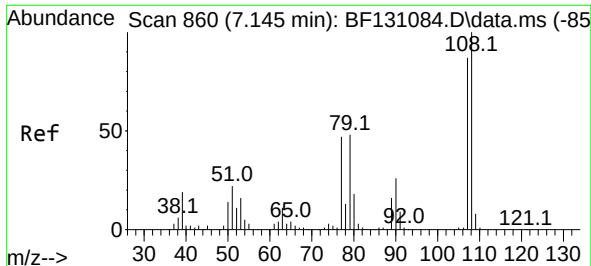
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.726 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

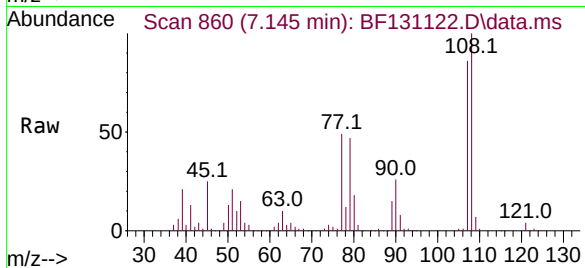
Tgt Ion: 45 Resp: 408693
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.5
79 10.2 0.0 30.3





#17
2-Methylphenol
Concen: 45.175 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

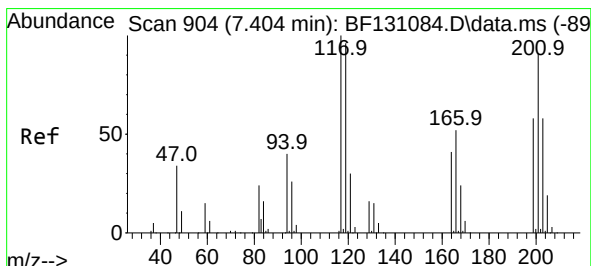
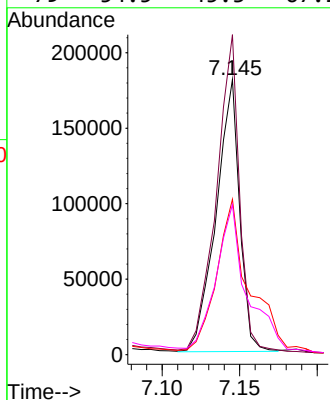
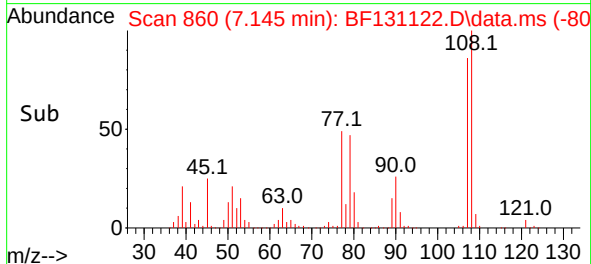
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



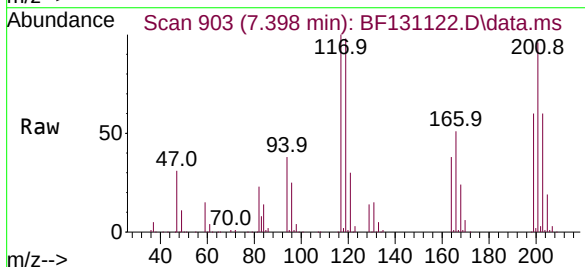
Tgt Ion:107 Resp: 191020
Ion Ratio Lower Upper
107 100
108 116.3 91.8 137.6
77 56.4 44.2 66.2
79 54.5 45.3 67.9

Manual Integrations
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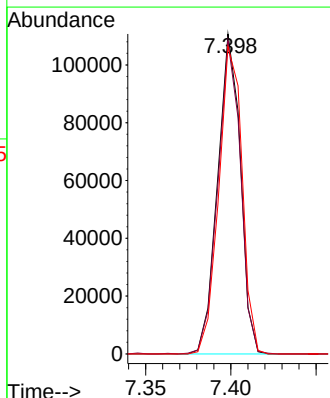
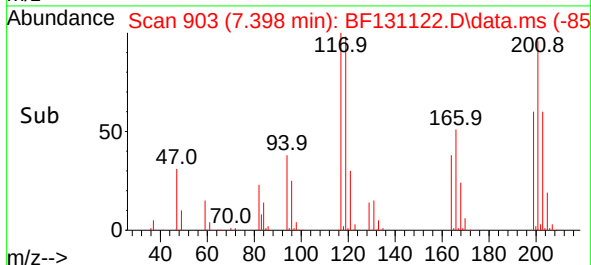
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

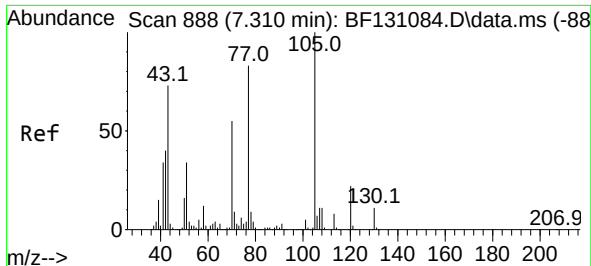


#18
Hexachloroethane
Concen: 48.156 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



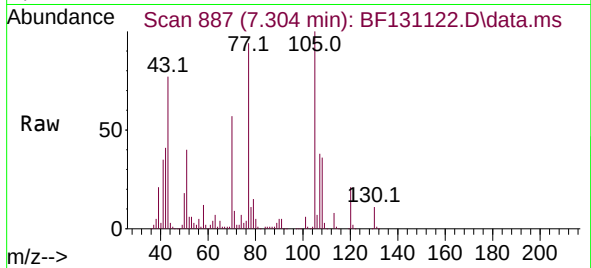
Tgt Ion:117 Resp: 102548
Ion Ratio Lower Upper
117 100
119 97.8 77.0 115.4
201 96.0 72.6 109.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.950 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

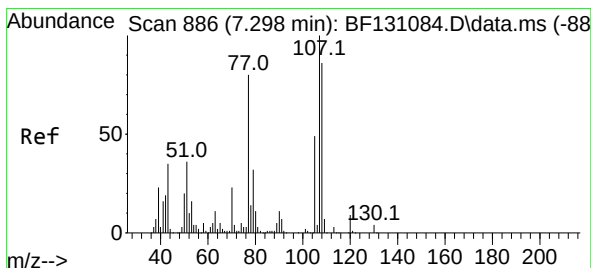
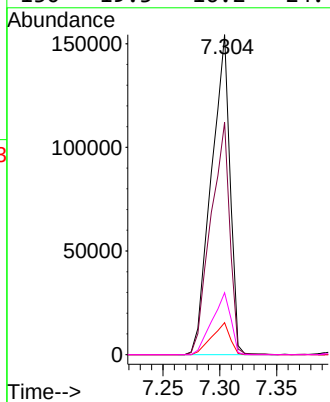
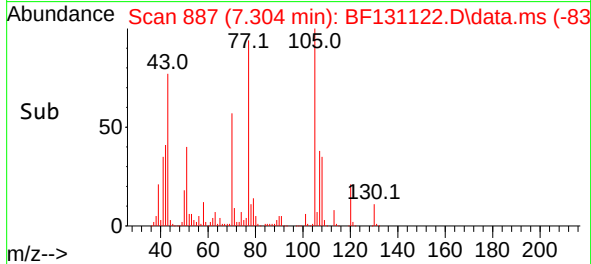
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion: 70 Resp: 177107
Ion Ratio Lower Upper
70 100
42 72.6 58.3 87.5
101 10.0 7.4 11.2
130 19.3 16.2 24.4

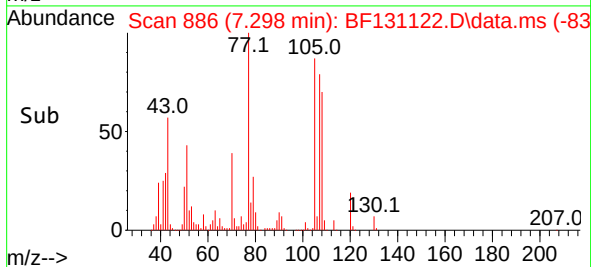
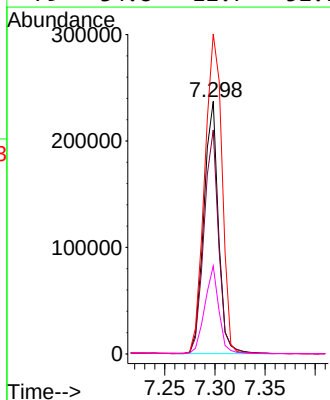
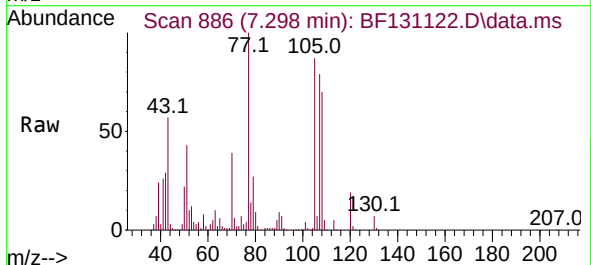
Manual Integrations
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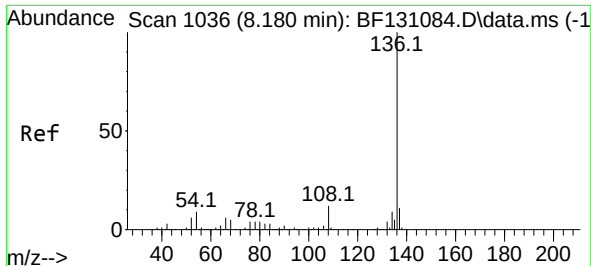
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#20
3+4-Methylphenols
Concen: 45.358 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

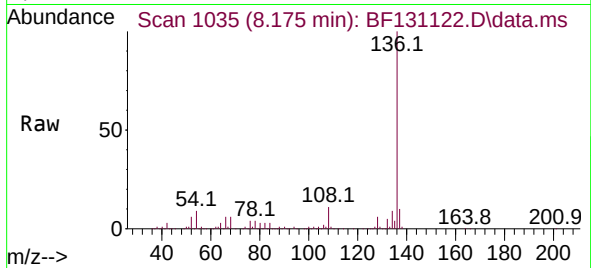
Tgt Ion:107 Resp: 239627
Ion Ratio Lower Upper
107 100
108 88.6 66.3 106.3
77 126.7 59.9 99.9#
79 34.8 12.7 52.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

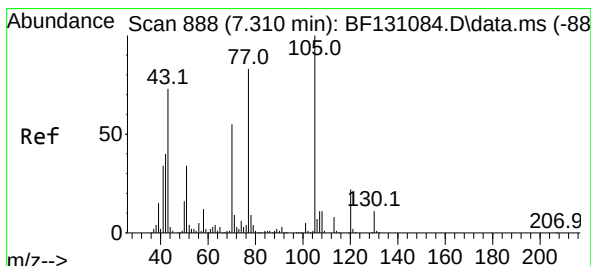
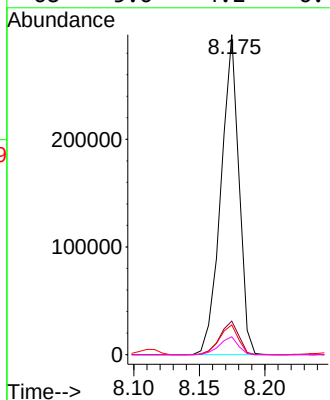
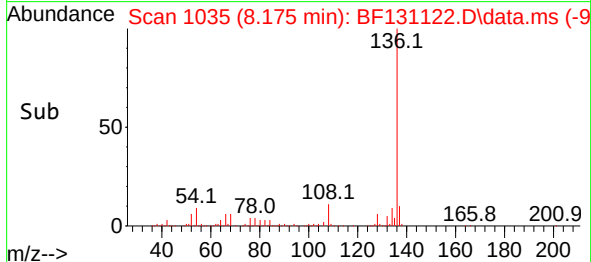
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:136 Resp: 283719
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.3 7.2 10.8
68 5.6 4.2 6.4

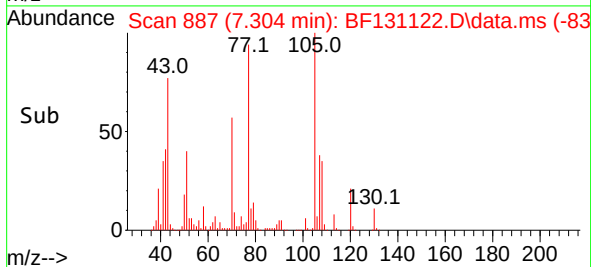
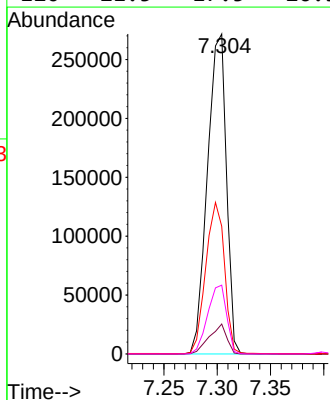
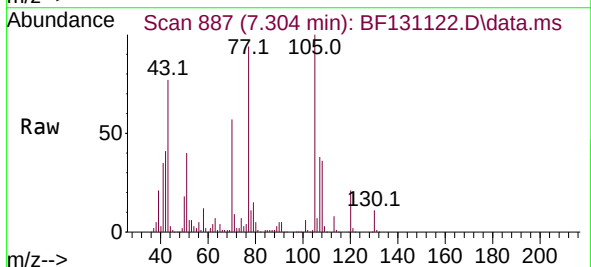
Manual Integrations
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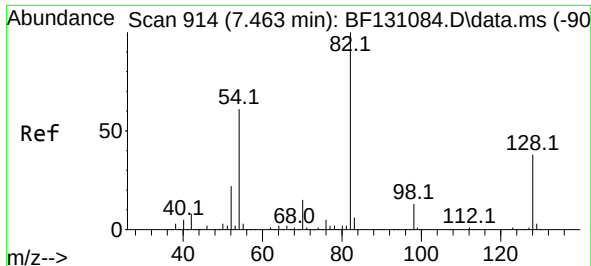
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#22
Acetophenone
Concen: 47.305 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:105 Resp: 335872
Ion Ratio Lower Upper
105 100
71 9.3 7.0 10.4
51 39.9 27.0 40.6
120 21.5 17.5 26.3





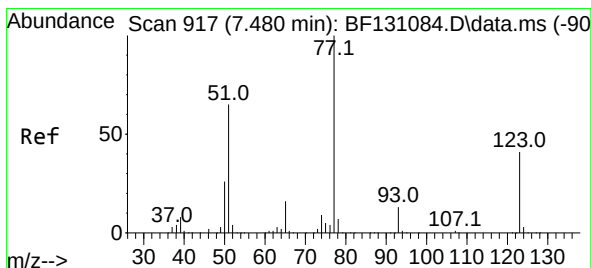
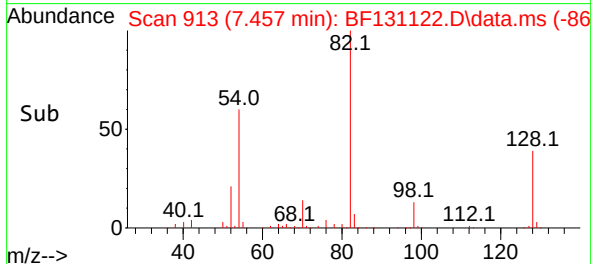
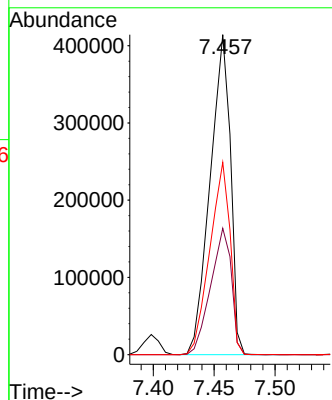
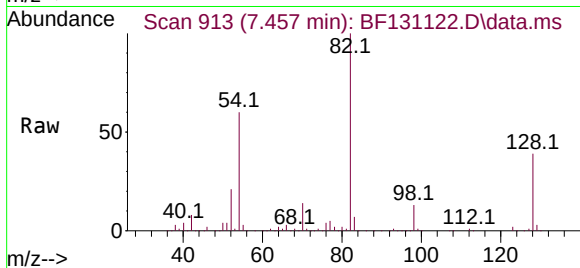
#23
Nitrobenzene-d5
Concen: 76.491 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Tgt Ion: 82 Resp: 480993
Ion Ratio Lower Upper
82 100
128 39.5 30.5 45.7
54 60.1 49.1 73.7

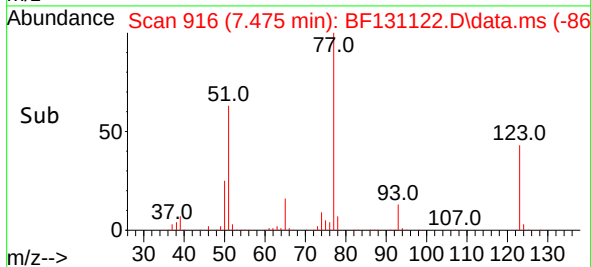
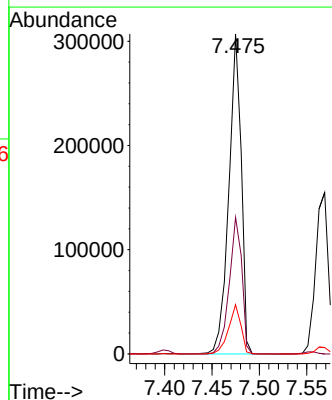
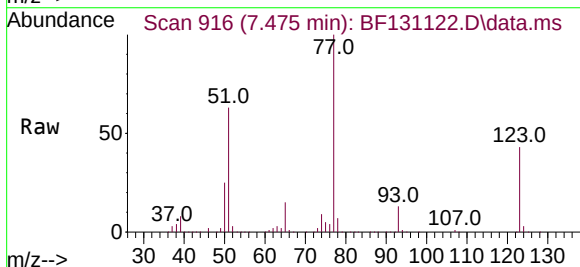
Manual Integrations
APPROVED

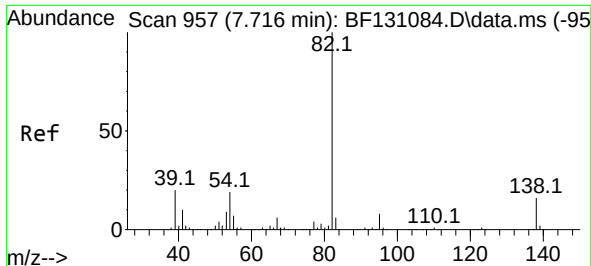
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#24
Nitrobenzene
Concen: 45.819 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion: 77 Resp: 279102
Ion Ratio Lower Upper
77 100
123 42.7 32.8 49.2
65 15.4 12.4 18.6





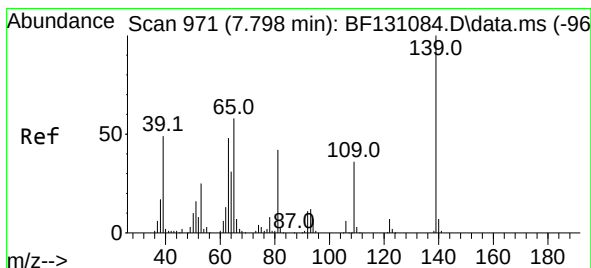
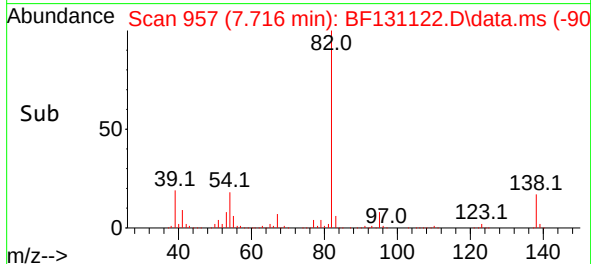
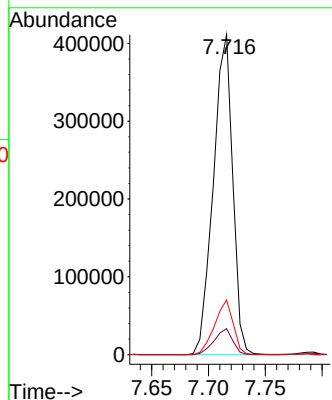
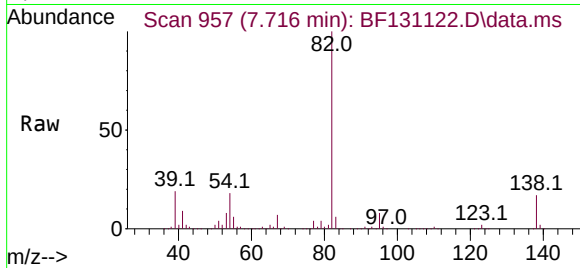
#25
Isophorone
Concen: 50.125 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Tgt Ion: 82 Resp: 487363
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 17.1 12.5 18.7

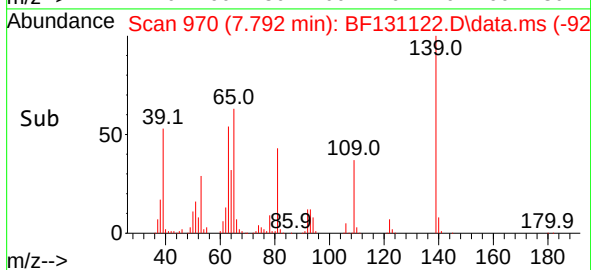
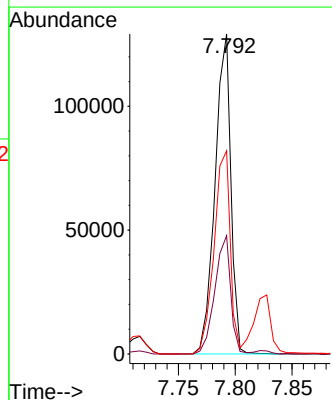
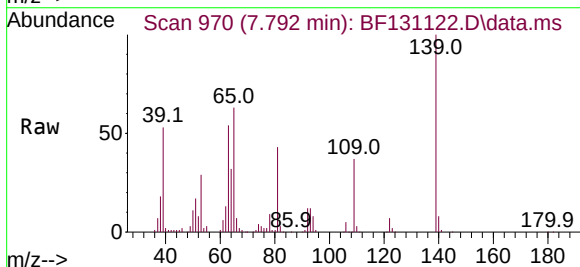
Manual Integrations
APPROVED

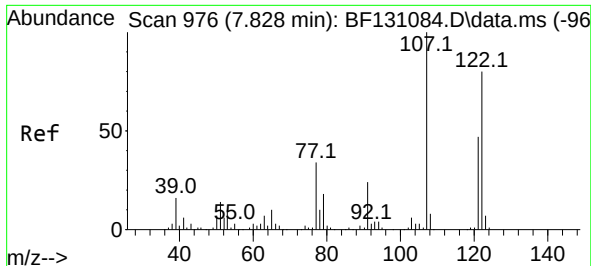
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#26
2-Nitrophenol
Concen: 46.244 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:139 Resp: 124991
Ion Ratio Lower Upper
139 100
109 36.9 28.6 43.0
65 63.5 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 53.086 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

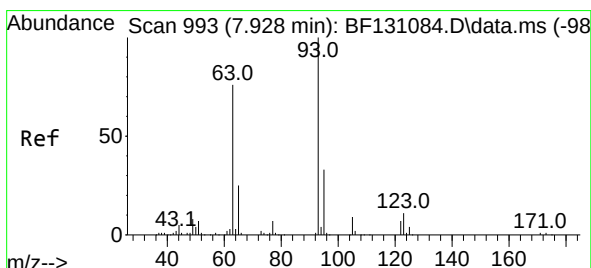
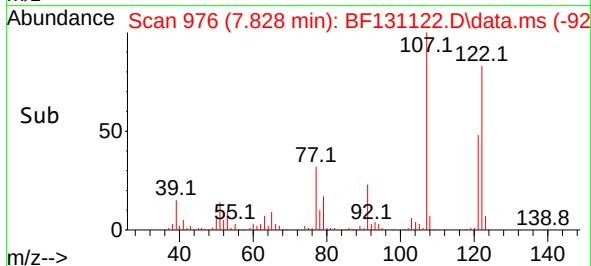
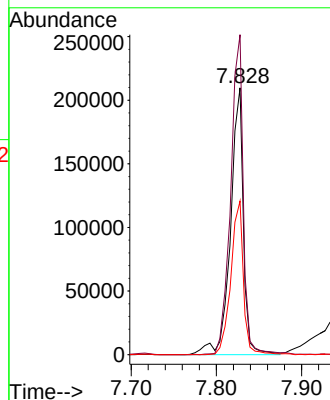
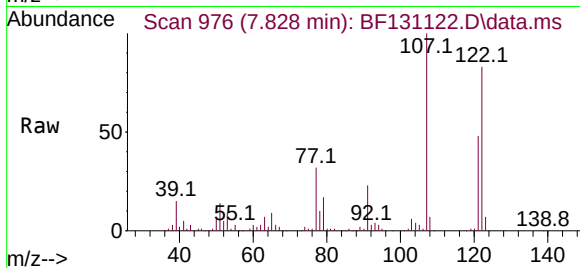
SB-16-20221028-10.5-11.5MSD

Tgt Ion:122 Resp: 220031
 Ion Ratio Lower Upper
 122 100
 107 120.0 99.8 149.6
 121 57.5 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.291 ng

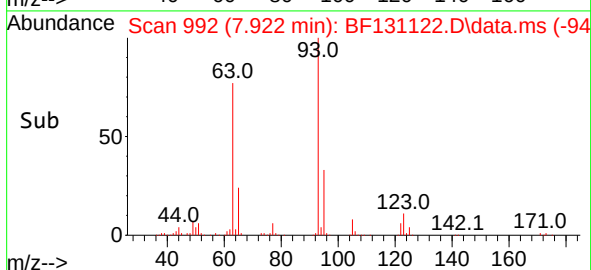
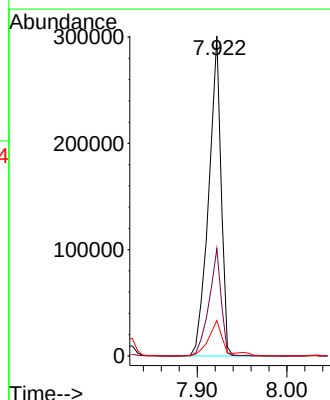
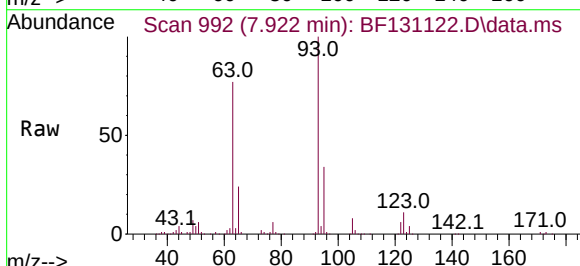
RT: 7.922 min Scan# 992

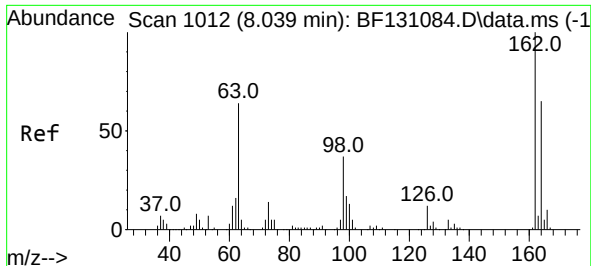
Delta R.T. -0.006 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Tgt Ion: 93 Resp: 288134
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.173 ng

RT: 8.034 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

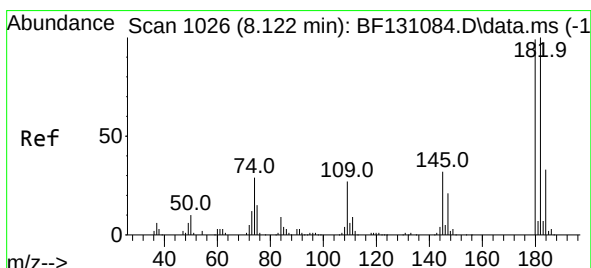
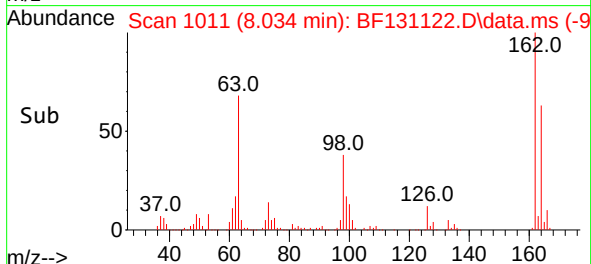
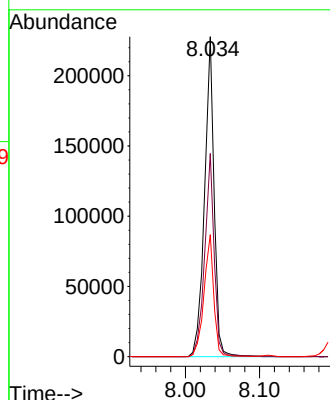
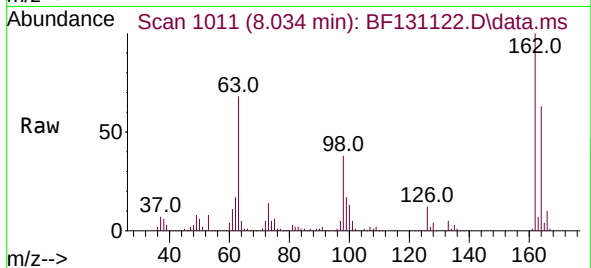
Tgt Ion:162	Resp: 204609
Ion Ratio	Lower Upper
162 100	
164 63.5	45.0 85.0
98 38.1	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.123 ng

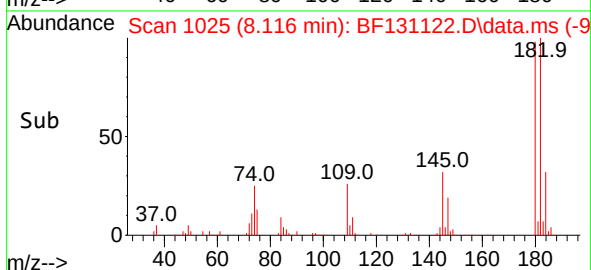
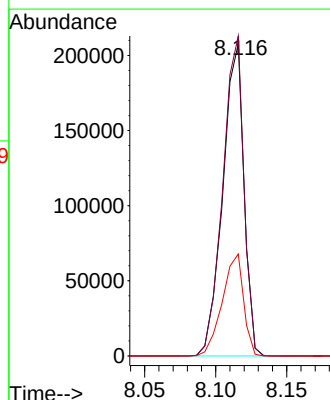
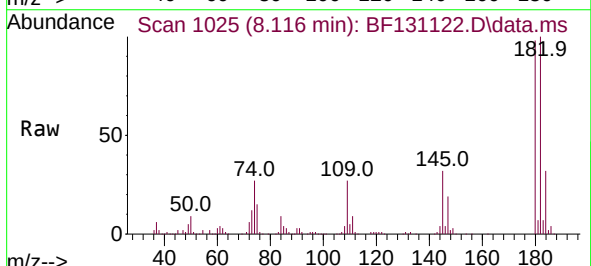
RT: 8.116 min Scan# 1025

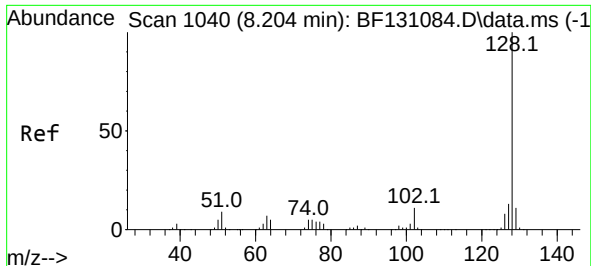
Delta R.T. -0.006 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

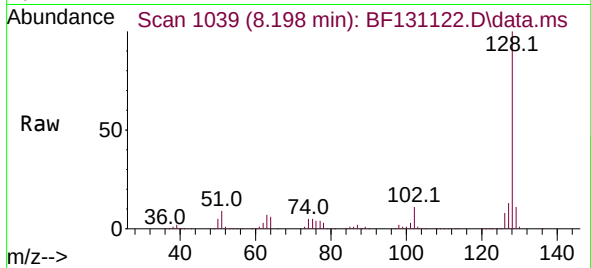
Tgt Ion:180	Resp: 215623
Ion Ratio	Lower Upper
180 100	
182 102.5	81.0 121.4
145 32.6	26.2 39.2





#31
Naphthalene
Concen: 44.518 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

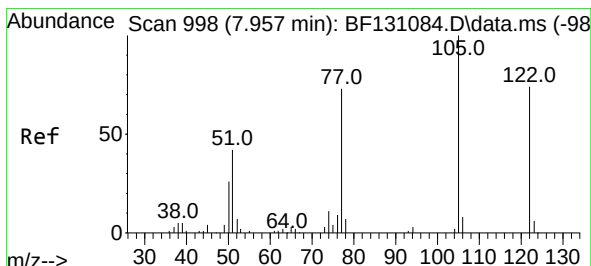
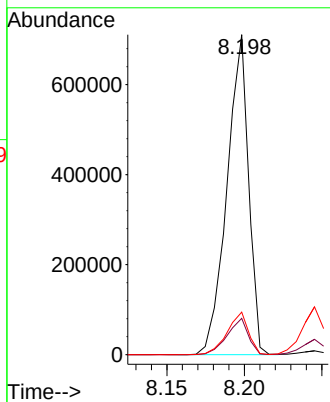
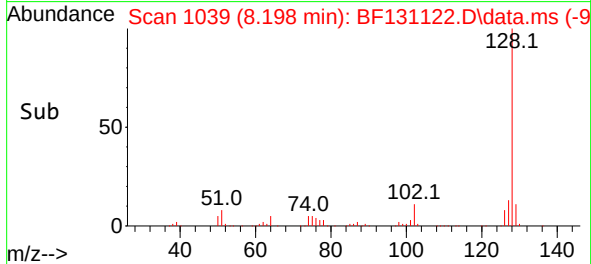
Instrument : BNA_F
ClientSampleId : SB-16-20221028-10.5-11.5MSD



Tgt Ion:128 Resp: 690133
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.8 16.2

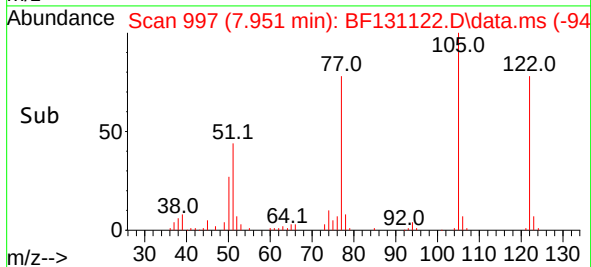
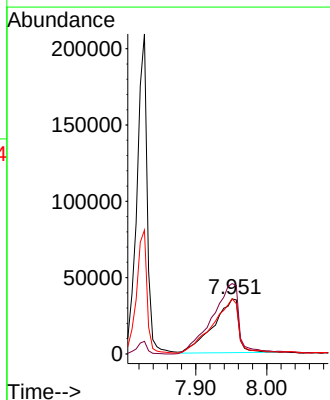
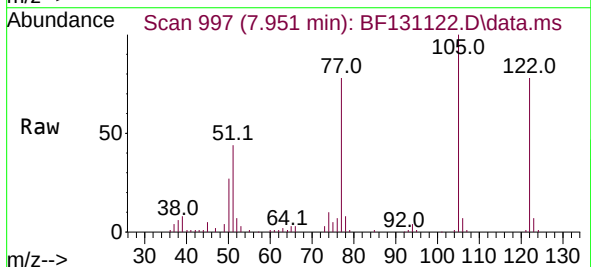
Manual Integrations
APPROVED

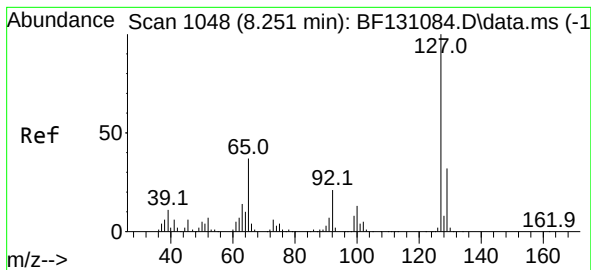
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#32
Benzoic acid
Concen: 32.622 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:122 Resp: 88812
Ion Ratio Lower Upper
122 100
105 128.0 113.0 153.0
77 100.4 78.7 118.7





#33

4-Chloroaniline

Concen: 19.530 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

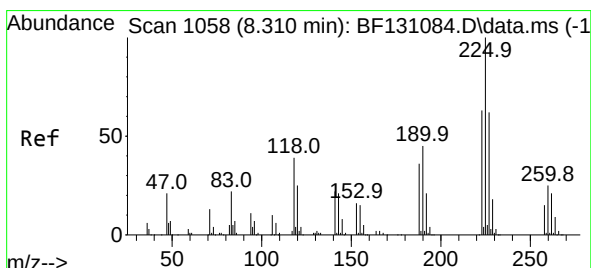
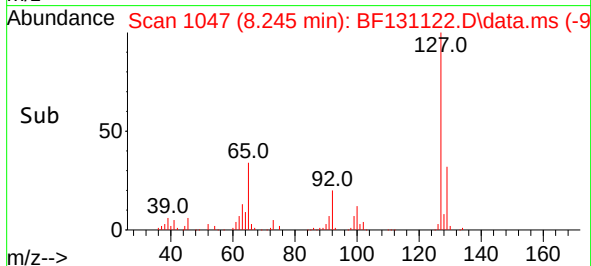
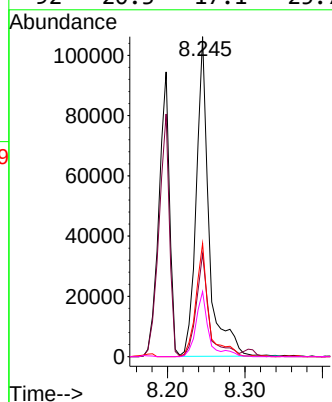
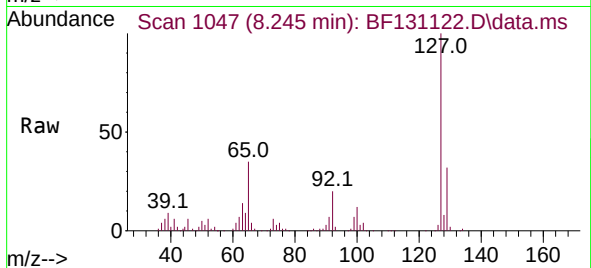
Tgt Ion:	127	Resp:	121403
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.8	38.6
65	35.4	29.6	44.4
92	20.3	17.1	25.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#34

Hexachlorobutadiene

Concen: 44.073 ng

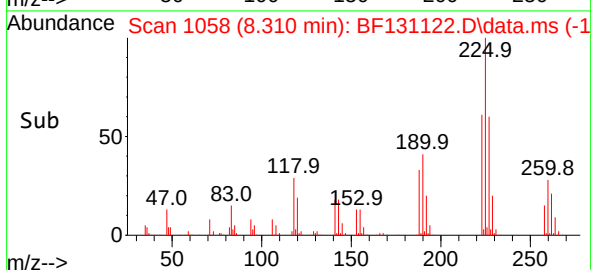
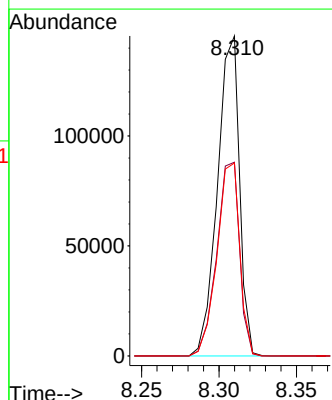
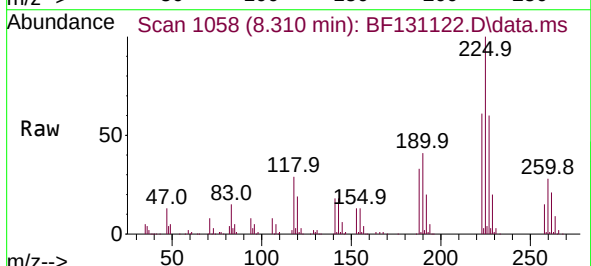
RT: 8.310 min Scan# 1058

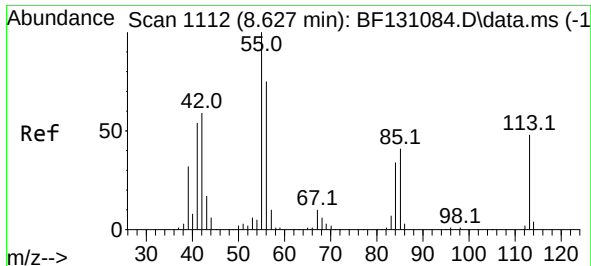
Delta R.T. 0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

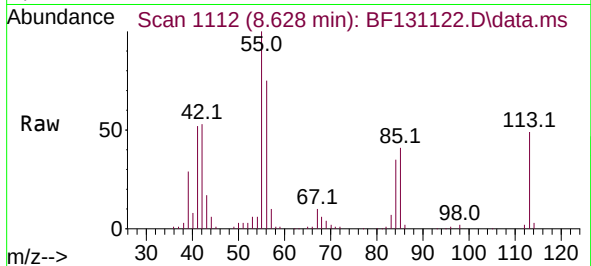
Tgt Ion:	225	Resp:	143904
Ion Ratio	Lower	Upper	
225	100		
223	60.5	50.2	75.2
227	60.3	49.9	74.9





#35
Caprolactam
Concen: 45.727 ng m
RT: 8.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

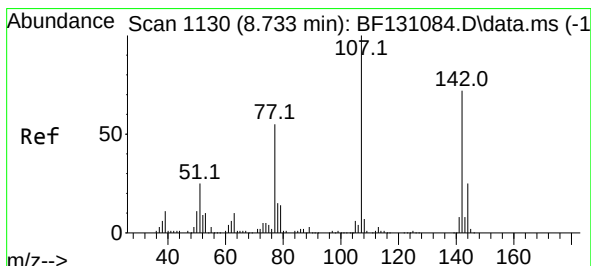
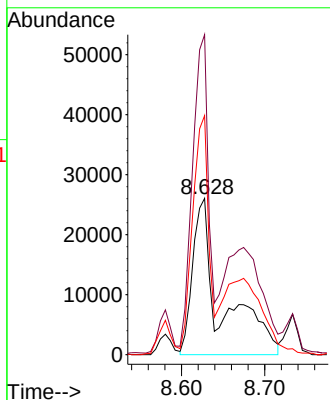
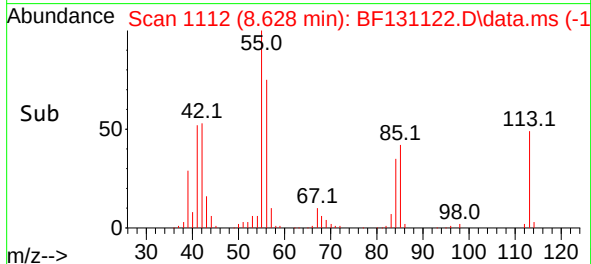
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:113 Resp: 62118
Ion Ratio Lower Upper
113 100
55 204.7 189.1 229.1
56 152.9 137.1 177.1

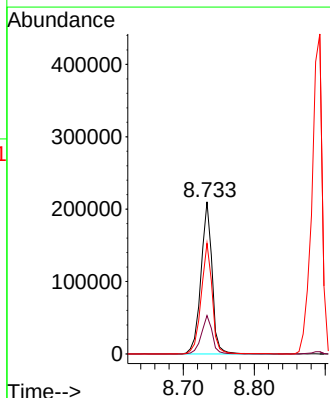
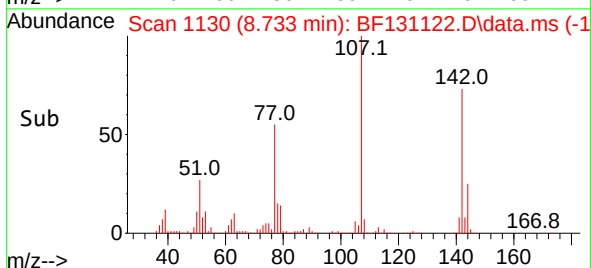
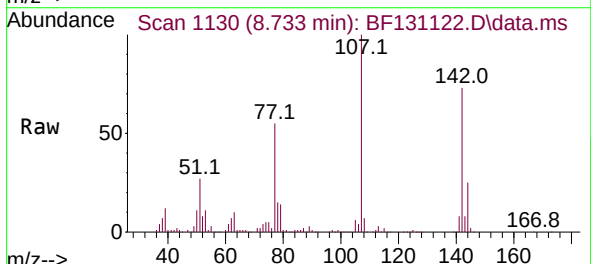
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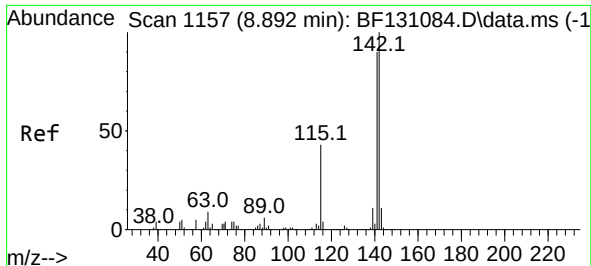
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#36
4-Chloro-3-methylphenol
Concen: 46.135 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:107 Resp: 226236
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 72.8 57.6 86.4





#37

2-Methylnaphthalene

Concen: 44.331 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

Tgt Ion:142 Resp: 443005

Ion Ratio Lower Upper

142 100

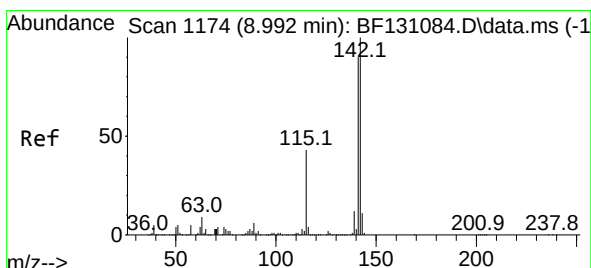
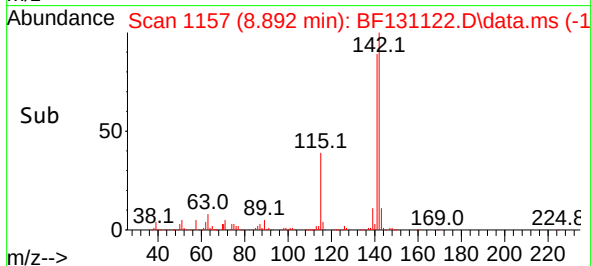
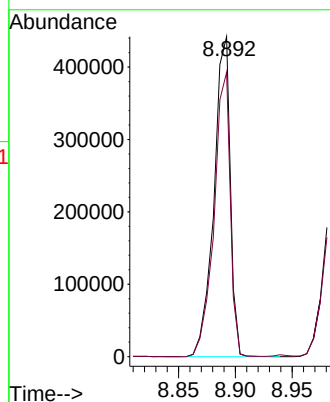
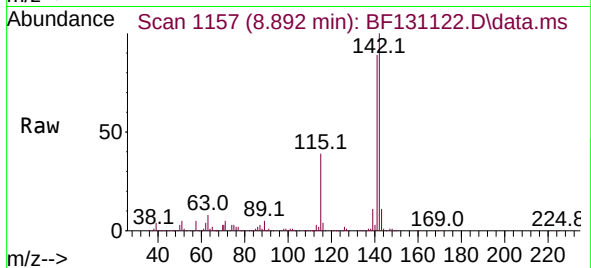
141 88.8 72.0 108.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#38

1-Methylnaphthalene

Concen: 42.035 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF131122.D

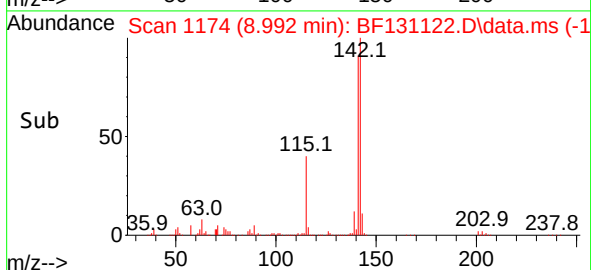
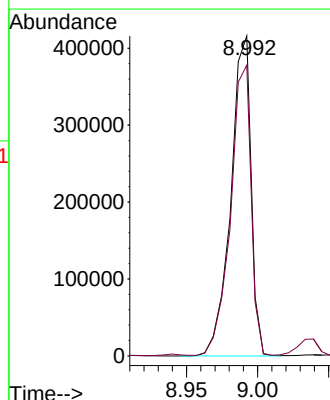
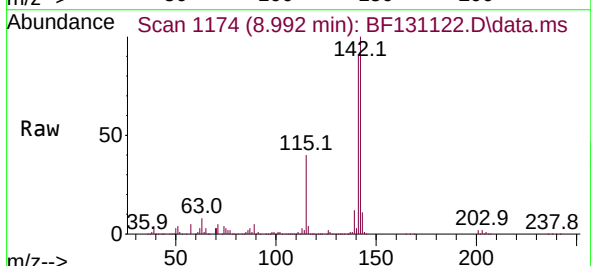
Acq: 10 Nov 2022 14:28

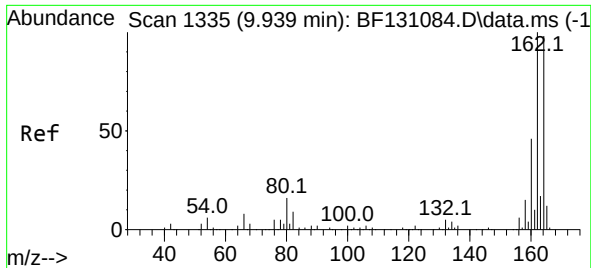
Tgt Ion:142 Resp: 411379

Ion Ratio Lower Upper

142 100

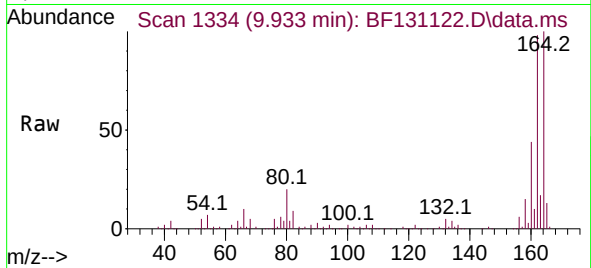
141 90.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

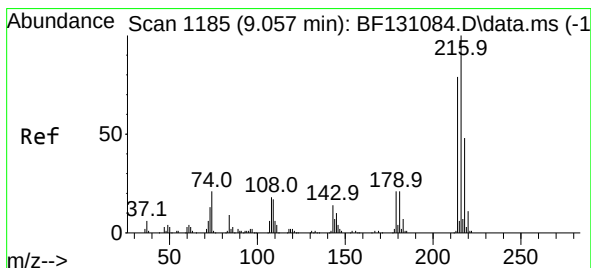
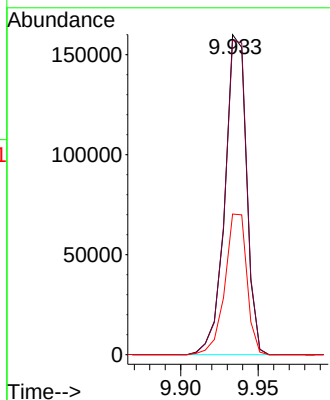
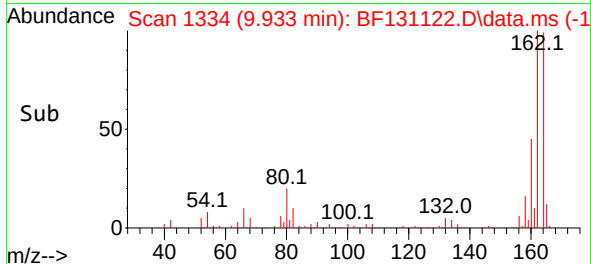
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:164 Resp: 155116
Ion Ratio Lower Upper
164 100
162 98.2 81.7 122.5
160 43.9 37.4 56.2

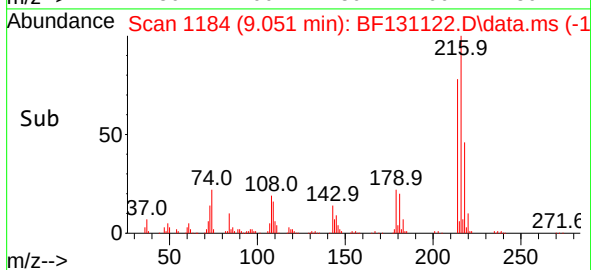
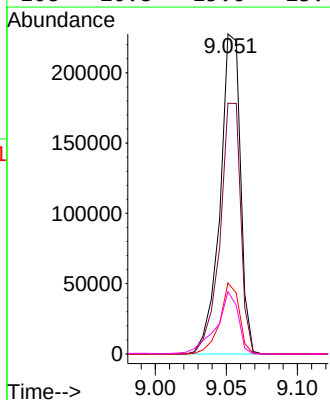
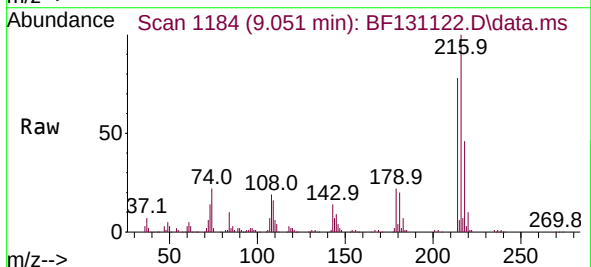
Manual Integrations
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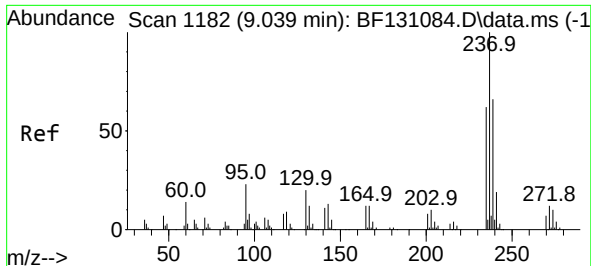
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.872 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

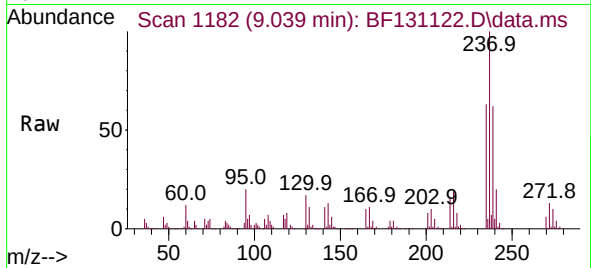
Tgt Ion:216 Resp: 227289
Ion Ratio Lower Upper
216 100
214 78.9 62.5 93.7
179 21.0 16.7 25.1
108 20.8 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 95.227 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

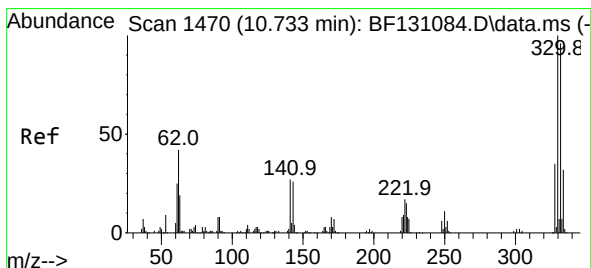
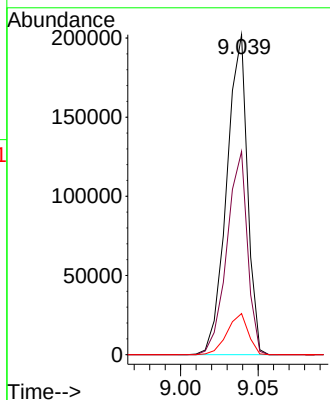
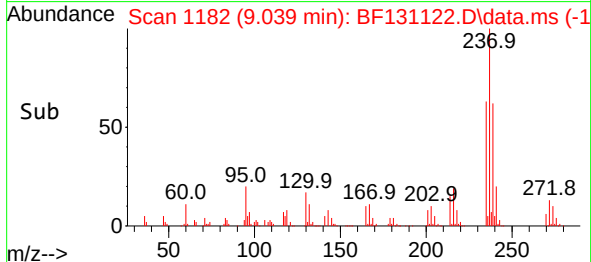
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



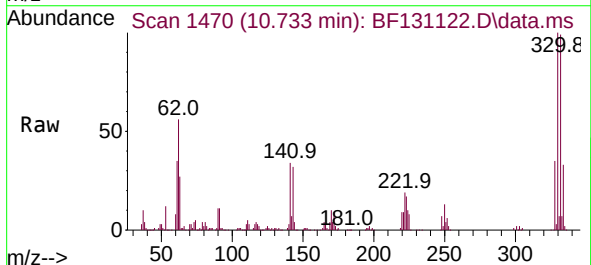
Tgt Ion:237 Resp: 188203
Ion Ratio Lower Upper
237 100
235 63.5 42.4 82.4
272 12.8 0.0 32.4

Manual Integrations
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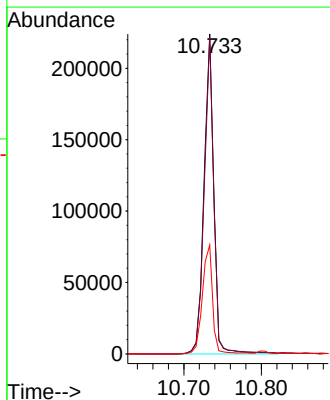
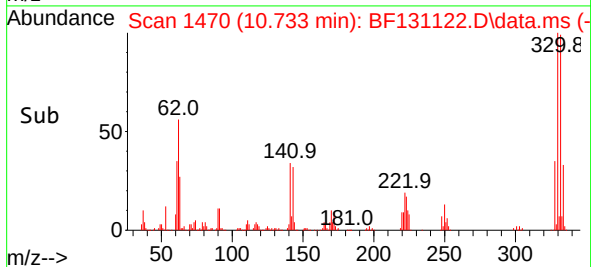
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

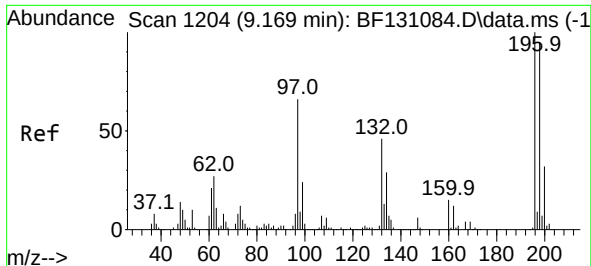


#42
2,4,6-Tribromophenol
Concen: 122.193 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



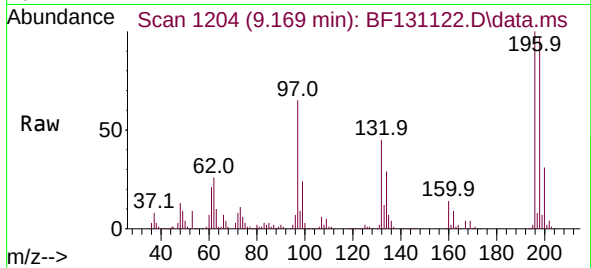
Tgt Ion:330 Resp: 195886
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 35.8 28.5 42.7





#43
2,4,6-Trichlorophenol
Concen: 44.050 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

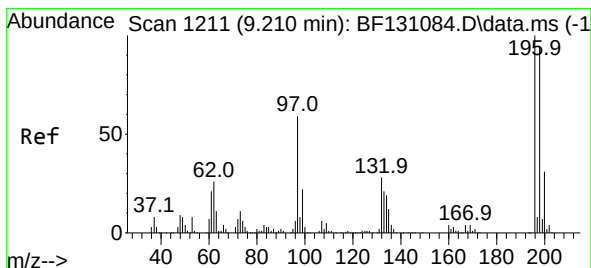
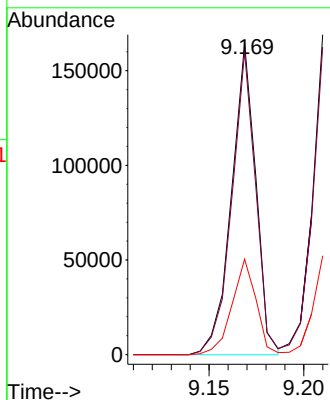
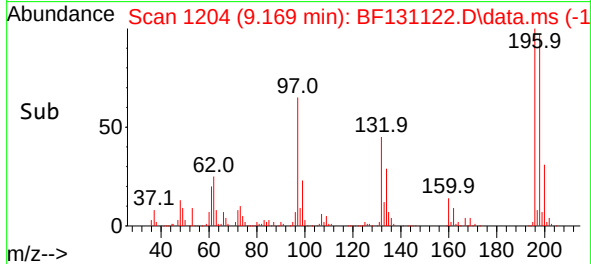
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:196 Resp: 146429
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.4
200 30.6 25.3 37.9

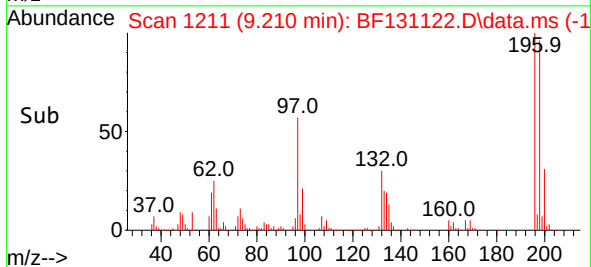
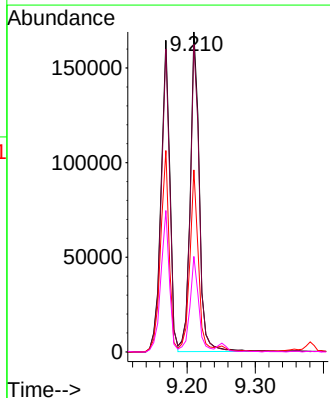
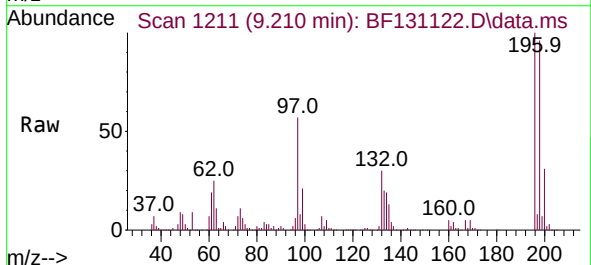
Manual Integrations
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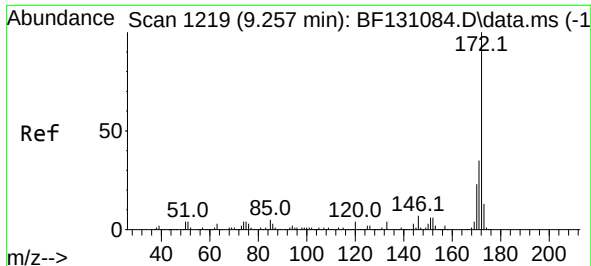
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#44
2,4,5-Trichlorophenol
Concen: 42.406 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:196 Resp: 157716
Ion Ratio Lower Upper
196 100
198 96.1 75.7 113.5
97 56.9 47.5 71.3
132 29.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 69.388 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131122.D

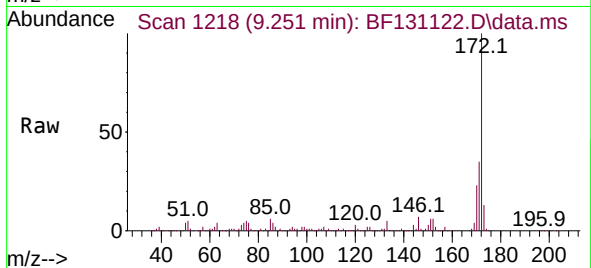
Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD



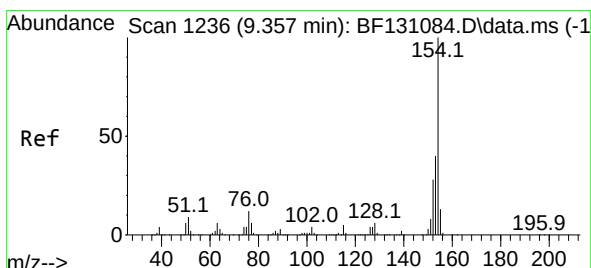
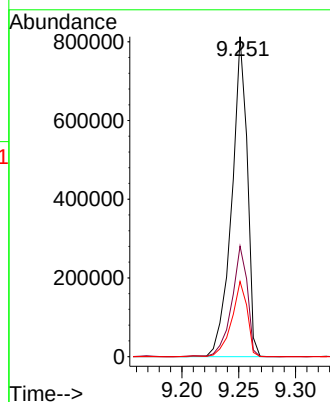
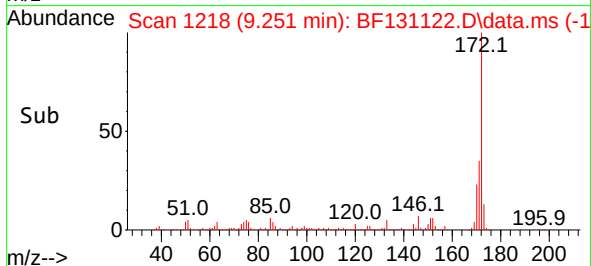
Tgt Ion:	172	Resp:	771013
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.7	41.5
170	23.5	18.8	28.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#46

1,1'-Biphenyl

Concen: 45.437 ng

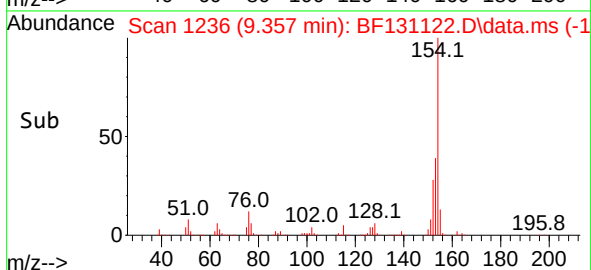
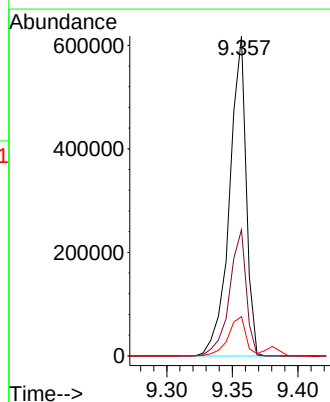
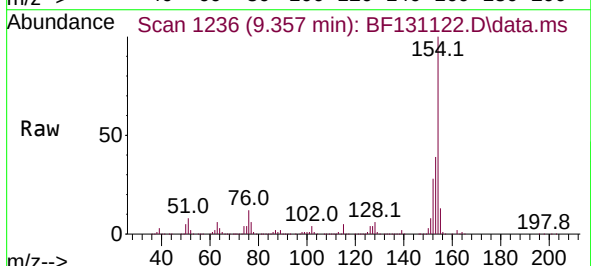
RT: 9.357 min Scan# 1236

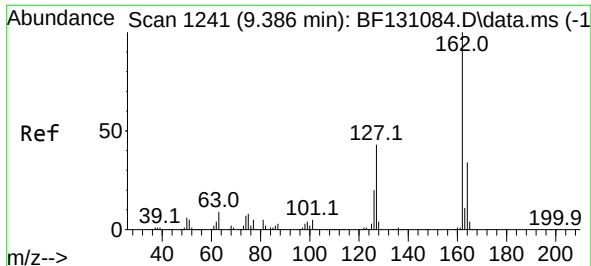
Delta R.T. -0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Tgt Ion:	154	Resp:	544941
Ion Ratio	Lower	Upper	
154	100		
153	39.4	19.9	59.9
76	12.3	0.0	32.5





#47

2-Chloronaphthalene

Concen: 44.294 ng

RT: 9.380 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF131122.D

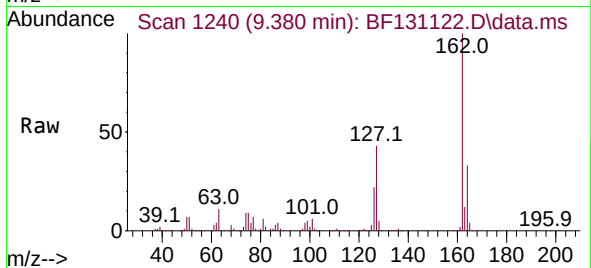
Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD



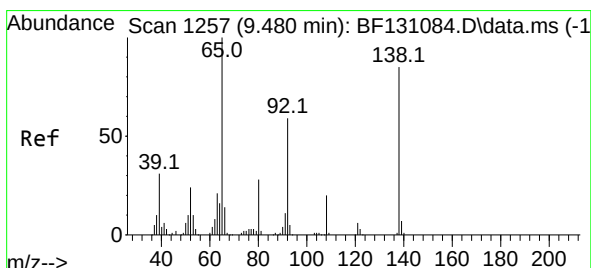
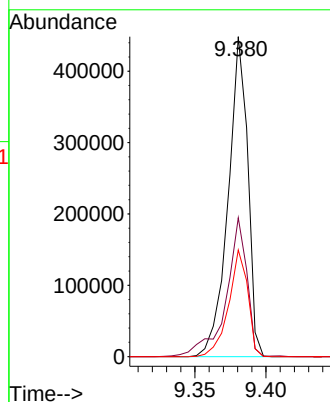
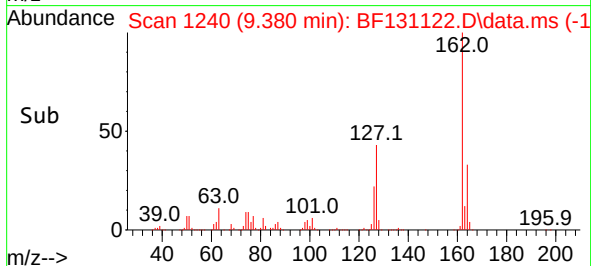
Tgt Ion: 162 Resp: 43108

Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.4	51.6
164	33.3	26.9	40.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#48

2-Nitroaniline

Concen: 44.546 ng

RT: 9.480 min Scan# 1257

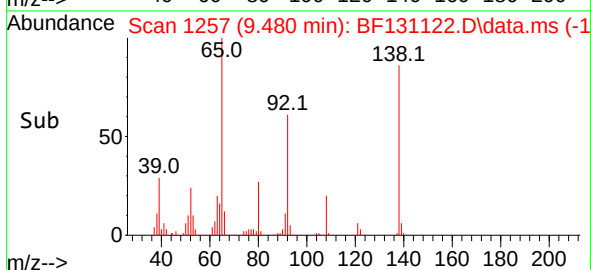
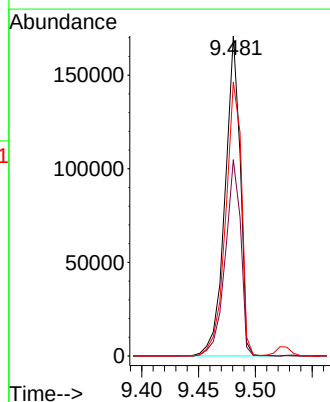
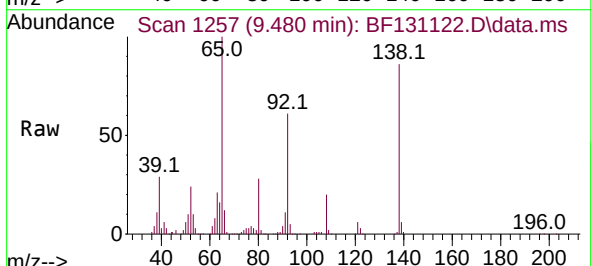
Delta R.T. 0.000 min

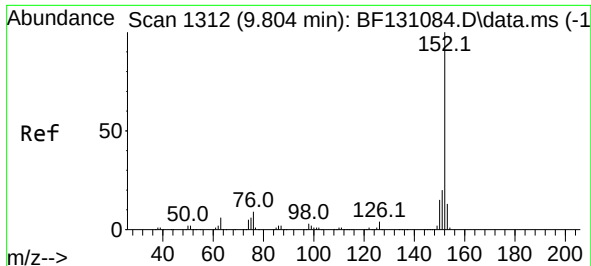
Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Tgt Ion: 65 Resp: 157785

Ion	Ratio	Lower	Upper
65	100		
92	61.3	47.5	71.3
138	85.6	67.8	101.8





#49

Acenaphthylene

Concen: 44.182 ng

RT: 9.798 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

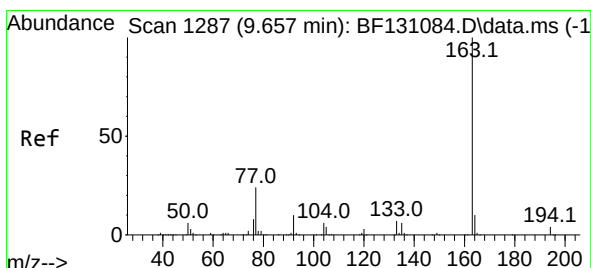
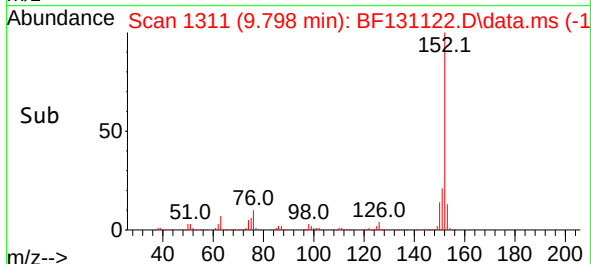
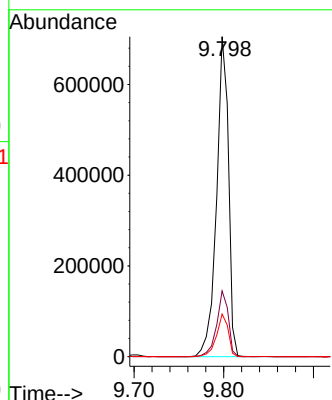
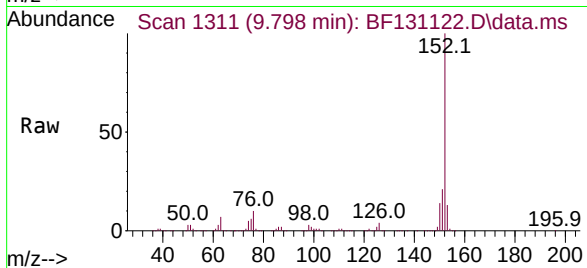
SB-16-20221028-10.5-11.5MSD

Tgt Ion:152 Resp: 657044
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.0 24.0
 153 13.3 10.2 15.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022



#50

Dimethylphthalate

Concen: 45.908 ng

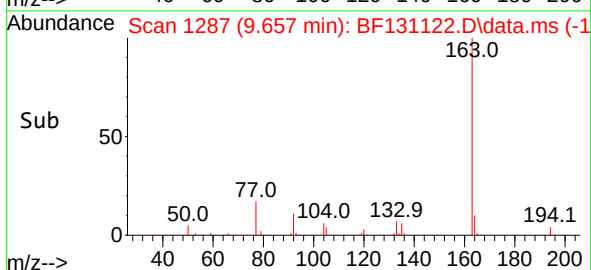
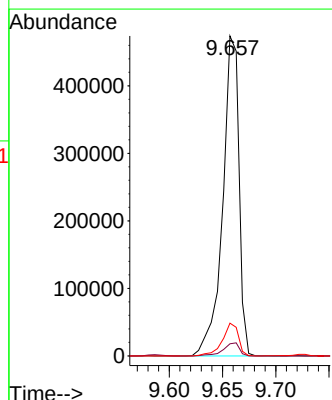
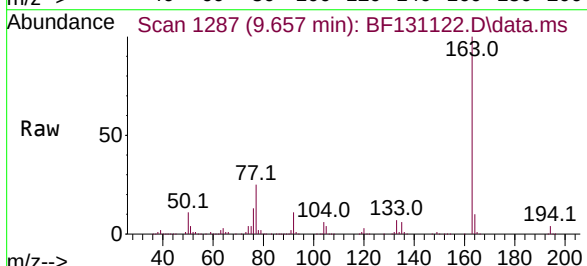
RT: 9.657 min Scan# 1287

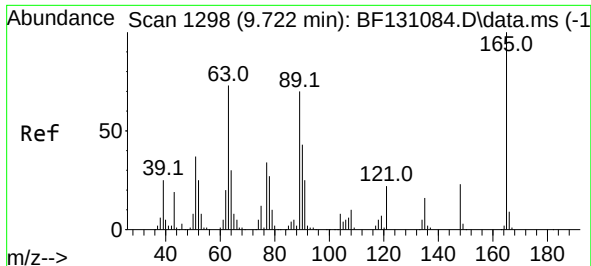
Delta R.T. 0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

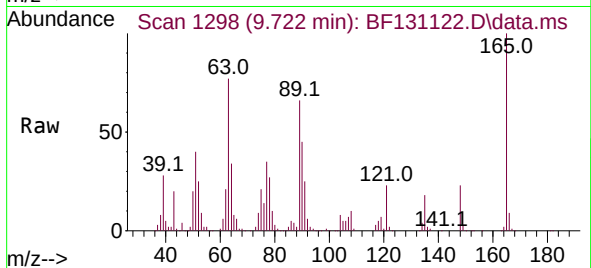
Tgt Ion:163 Resp: 506546
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.076 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

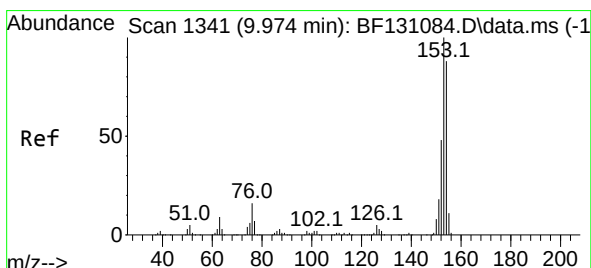
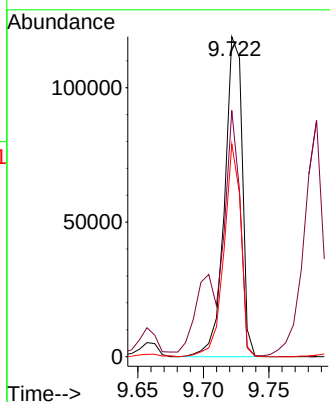
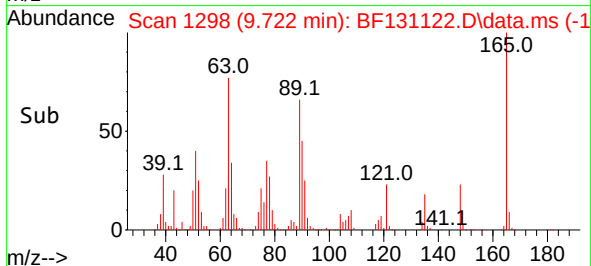
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



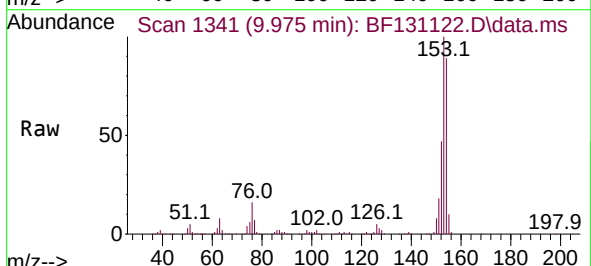
Tgt Ion:165 Resp: 111729
Ion Ratio Lower Upper
165 100
63 76.9 61.4 92.2
89 66.4 56.0 84.0

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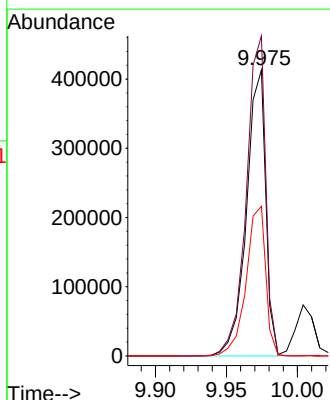
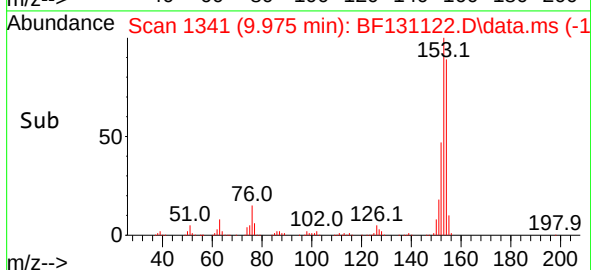
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

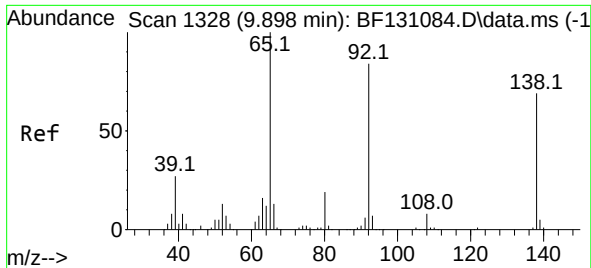


#52
Acenaphthene
Concen: 43.828 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



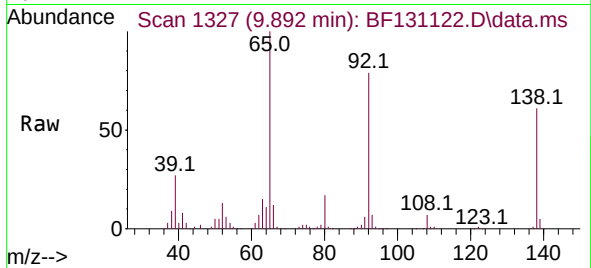
Tgt Ion:154 Resp: 388790
Ion Ratio Lower Upper
154 100
153 111.9 90.8 136.2
152 52.4 43.4 65.2





#53
3-Nitroaniline
Concen: 24.231 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

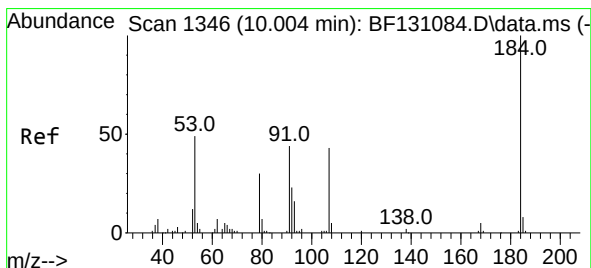
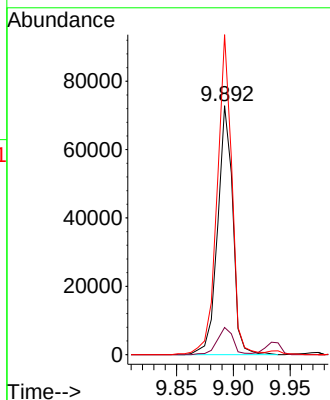
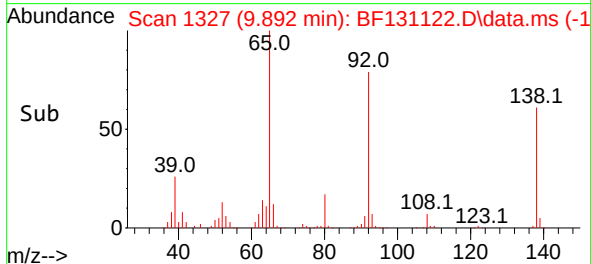
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:138 Resp: 67176
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 128.6 96.6 145.0

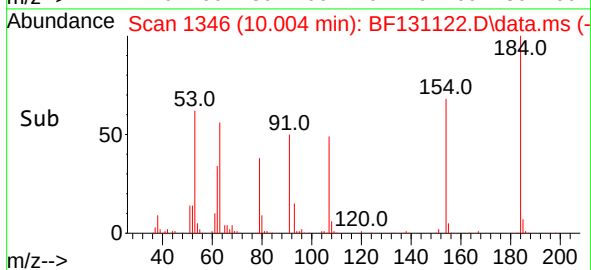
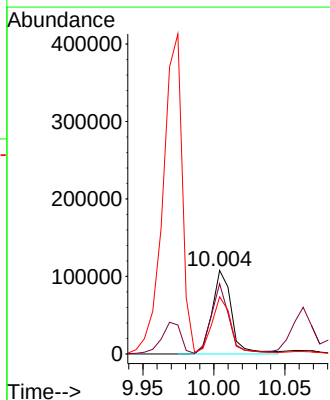
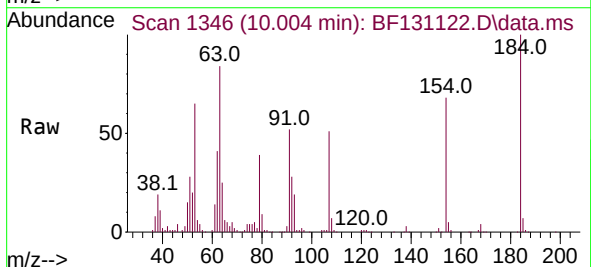
Manual Integrations
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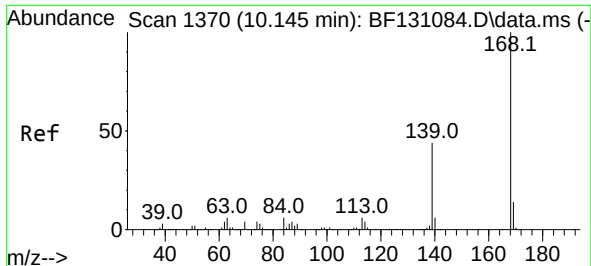
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#54
2,4-Dinitrophenol
Concen: 80.431 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

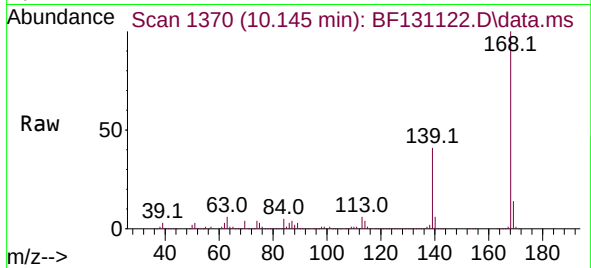
Tgt Ion:184 Resp: 102371
Ion Ratio Lower Upper
184 100
63 84.1 53.3 79.9#
154 68.4 55.5 83.3





#55
Dibenzofuran
Concen: 44.293 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

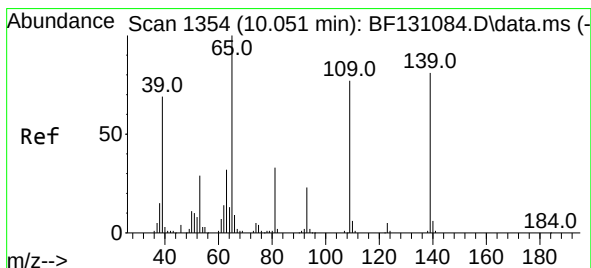
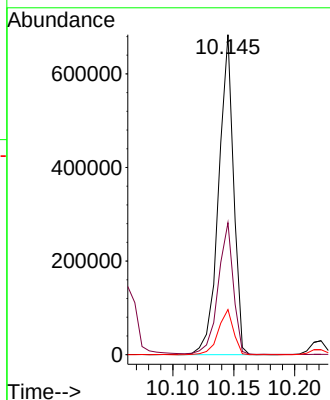
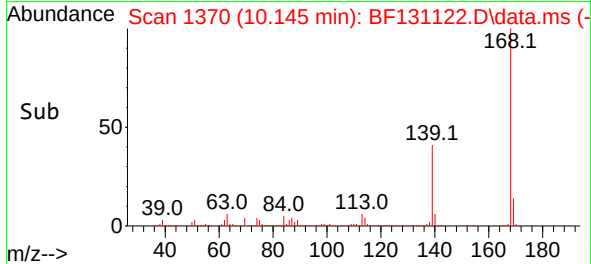
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



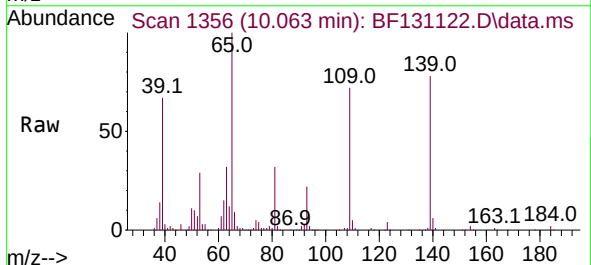
Tgt Ion:168 Resp: 581882
Ion Ratio Lower Upper
168 100
139 41.2 35.0 52.4
169 14.1 11.2 16.8

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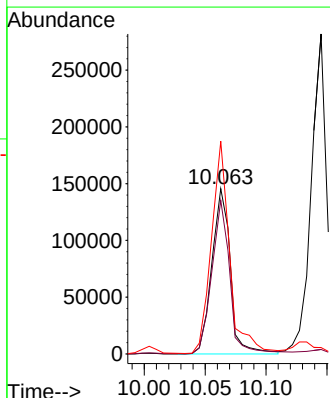
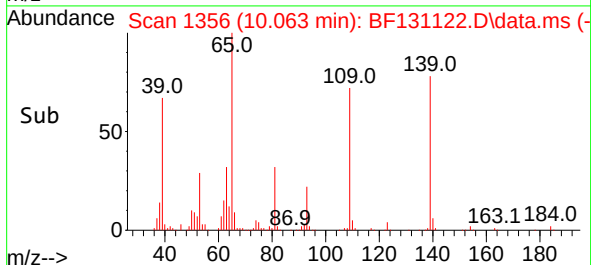
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

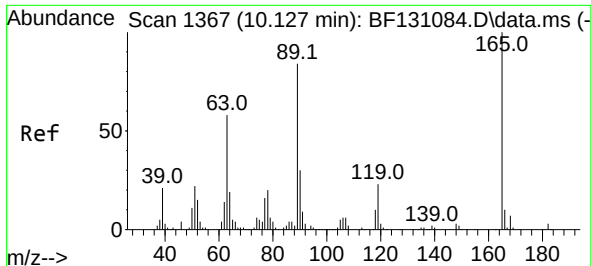


#56
4-Nitrophenol
Concen: 83.208 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



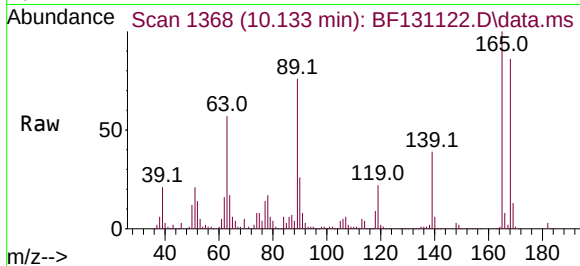
Tgt Ion:139 Resp: 153534
Ion Ratio Lower Upper
139 100
109 92.9 75.5 115.5
65 128.8 104.5 144.5





#57
2,4-Dinitrotoluene
Concen: 46.726 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

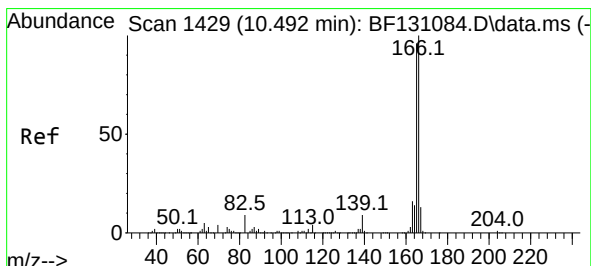
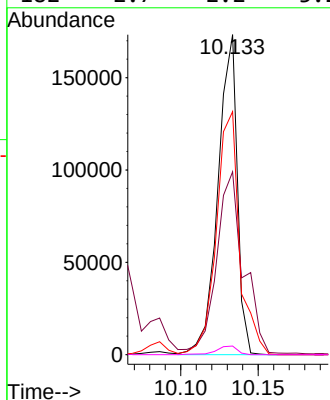
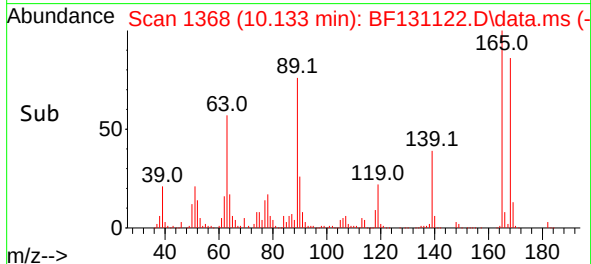
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:165 Resp: 150618
Ion Ratio Lower Upper
165 100
63 57.1 46.9 70.3
89 75.9 66.9 100.3
182 2.7 2.2 3.2

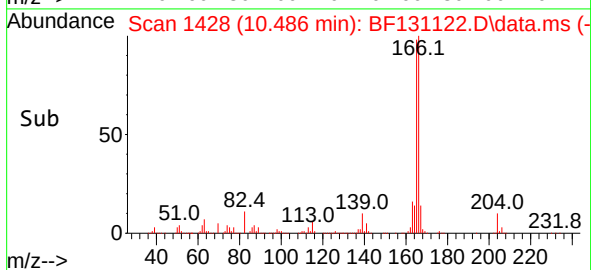
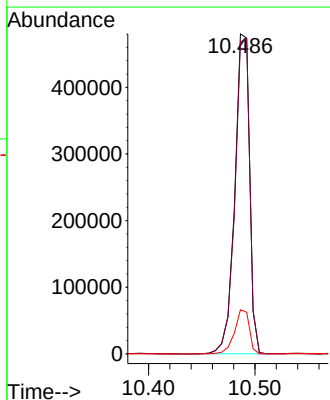
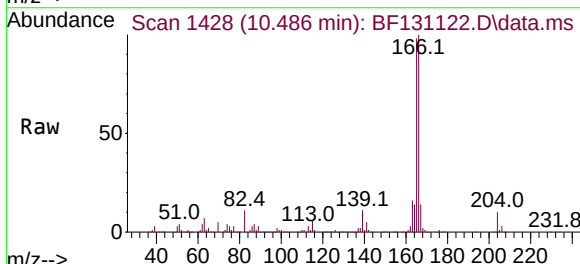
Manual Integrations
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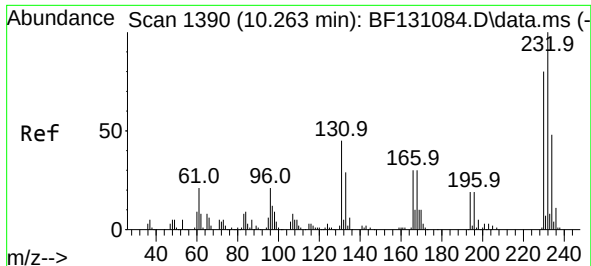
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#58
Fluorene
Concen: 43.395 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:166 Resp: 463013
Ion Ratio Lower Upper
166 100
165 97.5 77.2 115.8
167 13.8 10.2 15.4





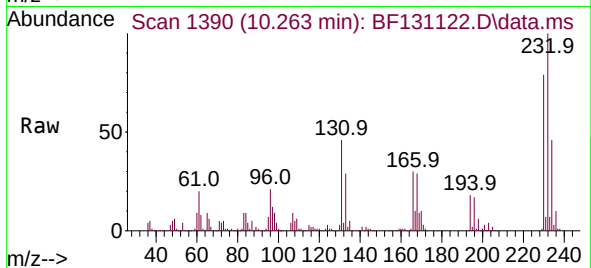
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.056 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

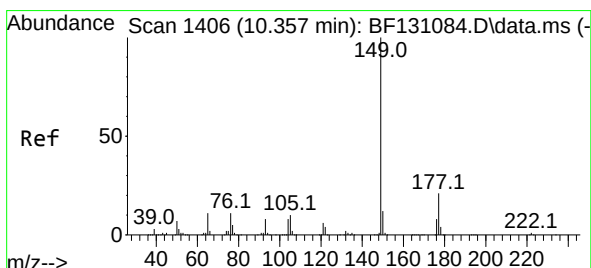
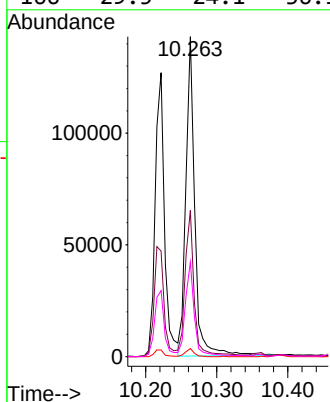
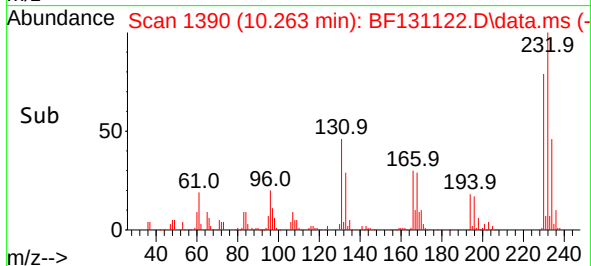


Tgt Ion:232 Resp: 125992
Ion Ratio Lower Upper
232 100
131 45.2 36.2 54.2
130 2.5 1.9 2.9
166 29.5 24.1 36.1

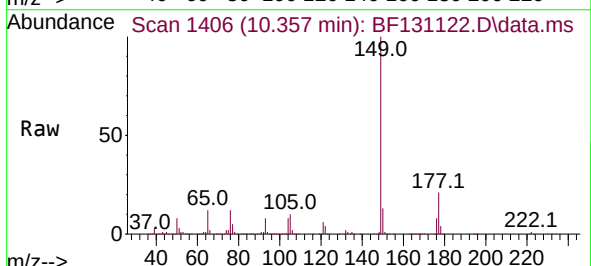
Manual Integrations

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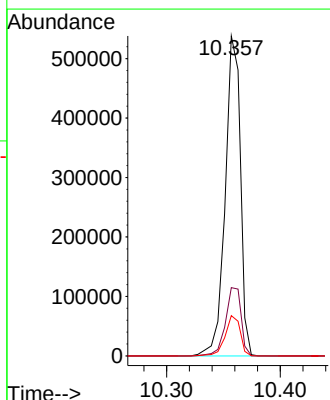
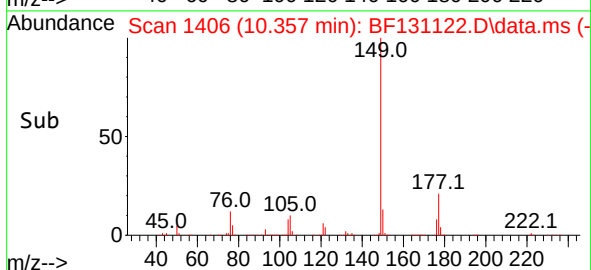
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

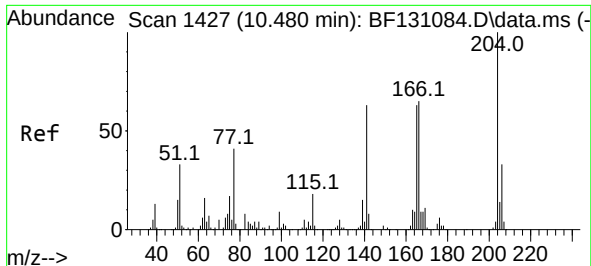


#60
Diethylphthalate
Concen: 46.899 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



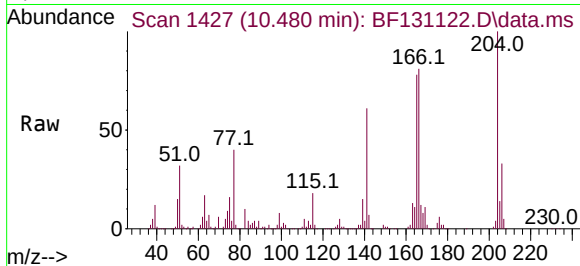
Tgt Ion:149 Resp: 498365
Ion Ratio Lower Upper
149 100
177 21.4 17.2 25.8
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.467 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

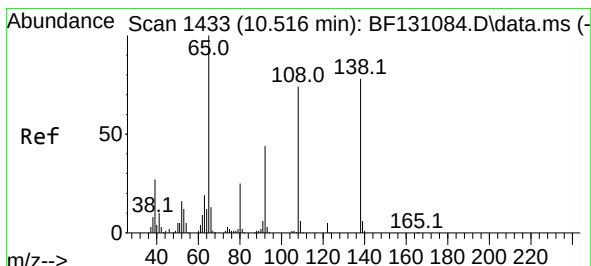
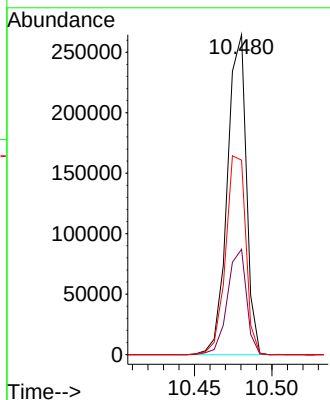
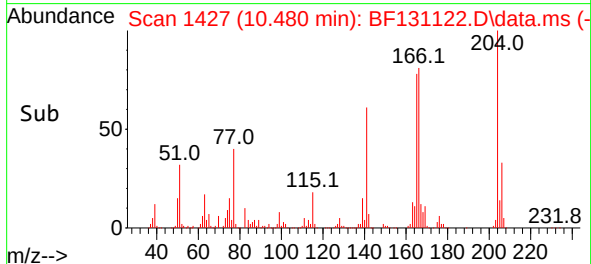
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:204 Resp: 225765
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 60.8 50.6 75.8

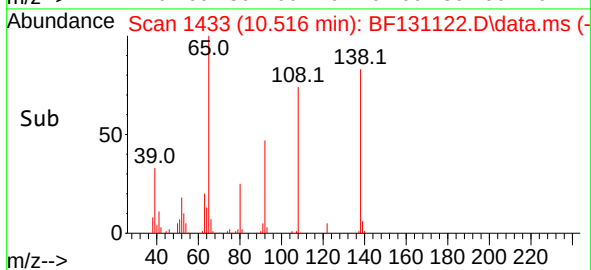
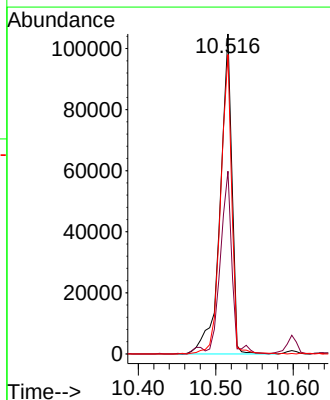
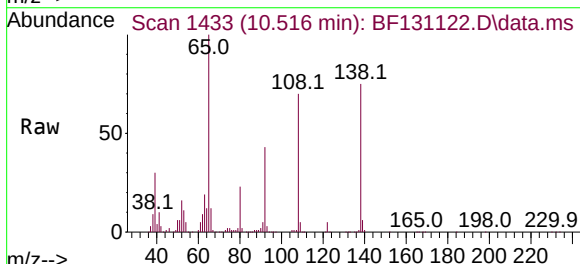
Manual Integrations
APPROVED

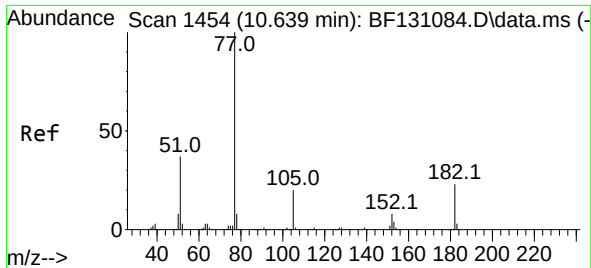
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#62
4-Nitroaniline
Concen: 39.405 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

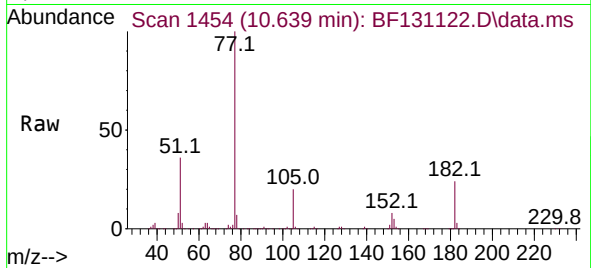
Tgt Ion:138 Resp: 110399
Ion Ratio Lower Upper
138 100
92 57.1 36.0 76.0
108 93.6 75.3 115.3





#63
Azobenzene
Concen: 45.669 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

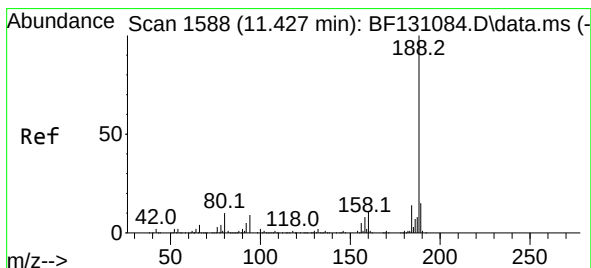
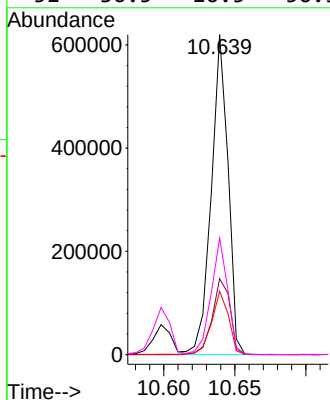
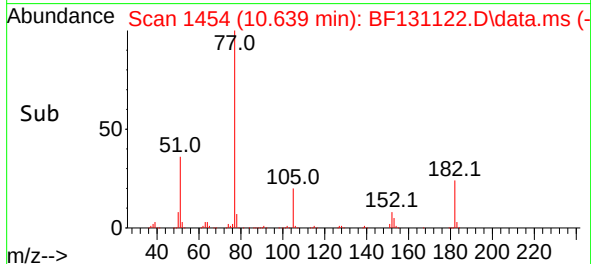
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



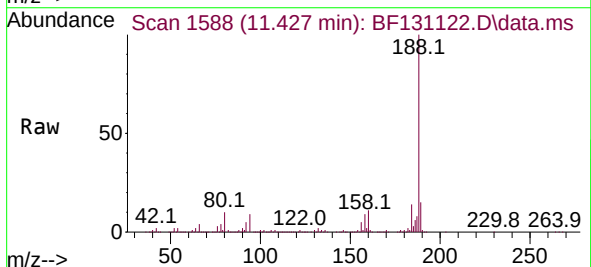
Tgt Ion: 77 Resp: 507963
Ion Ratio Lower Upper
77 100
182 23.7 3.3 43.3
105 19.8 0.0 39.5
51 36.5 16.5 56.5

Manual Integrations
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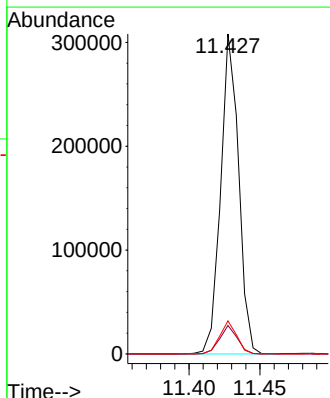
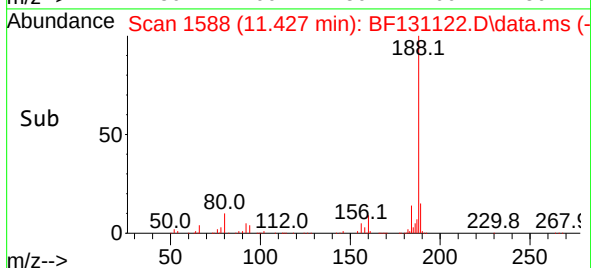
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

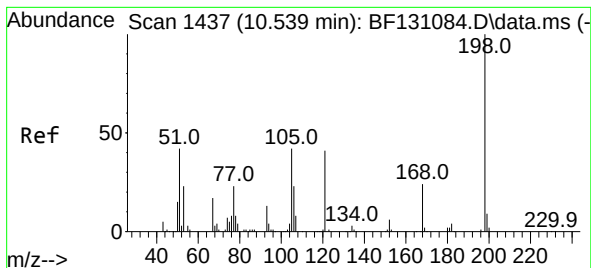


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



Tgt Ion:188 Resp: 271537
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.747 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

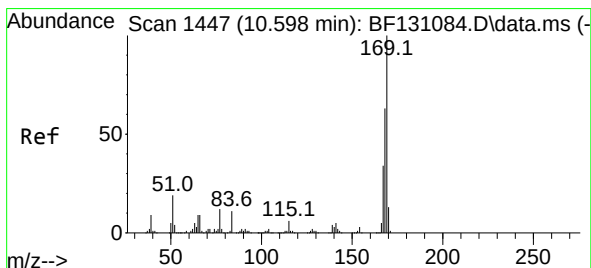
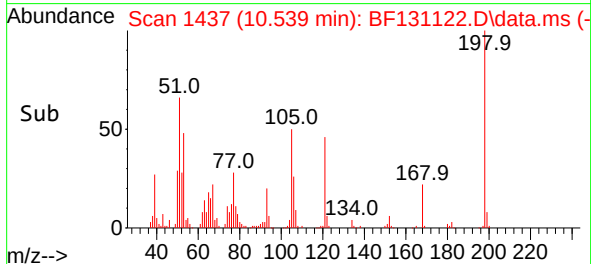
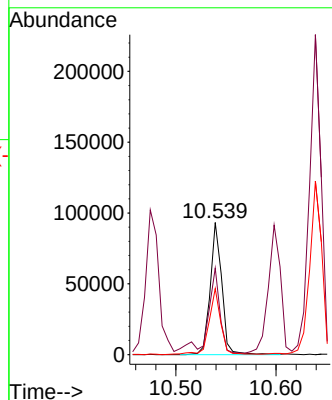
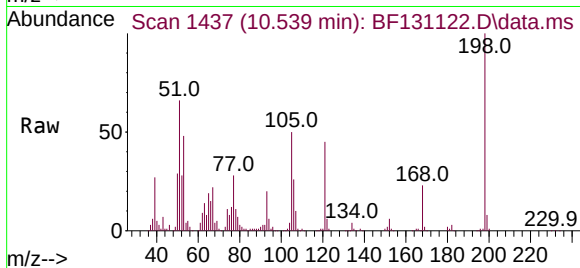
SB-16-20221028-10.5-11.5MSD

Tgt Ion:198 Resp: 74630
Ion Ratio Lower Upper
198 100
51 65.5 30.3 70.3
105 49.9 22.7 62.7

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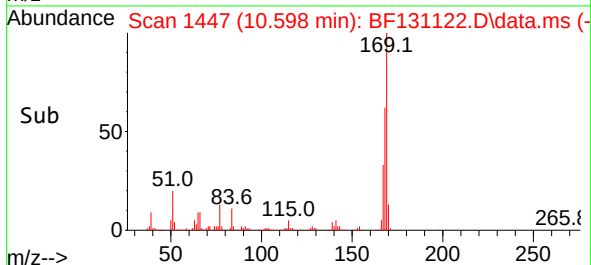
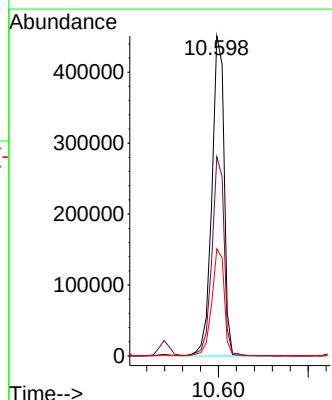
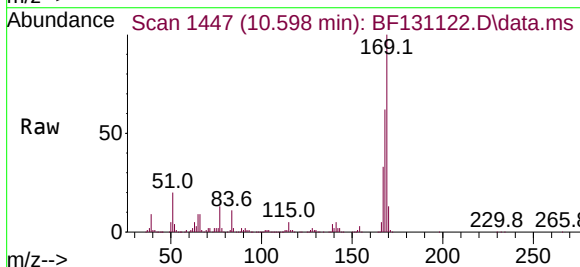
APPROVED

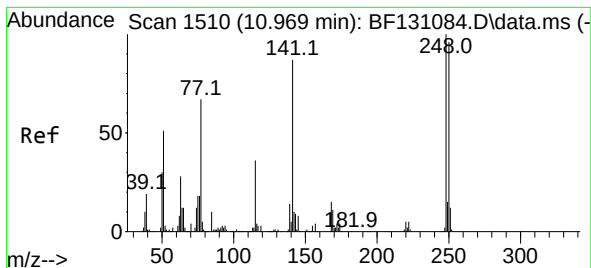
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#66
n-Nitrosodiphenylamine
Concen: 47.025 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

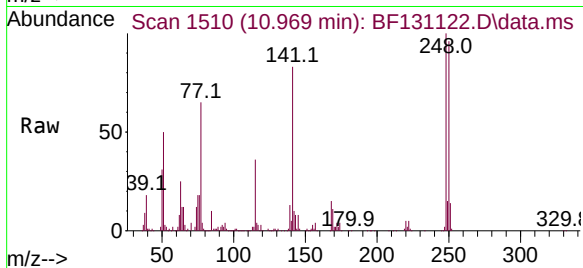
Tgt Ion:169 Resp: 429283
Ion Ratio Lower Upper
169 100
168 62.2 50.2 75.4
167 33.4 27.3 40.9





#67
4-Bromophenyl-phenylether
Concen: 46.872 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

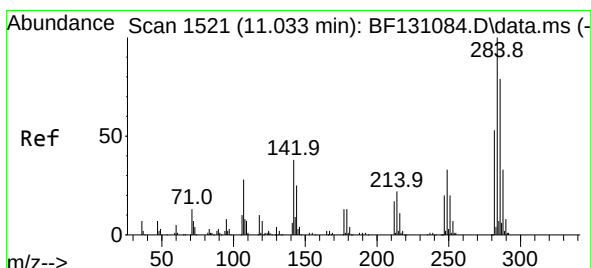
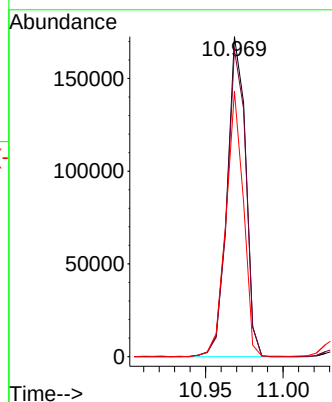
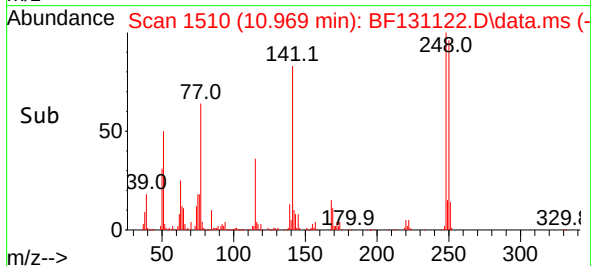
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:248 Resp: 143920
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.6
141 82.9 69.7 104.5

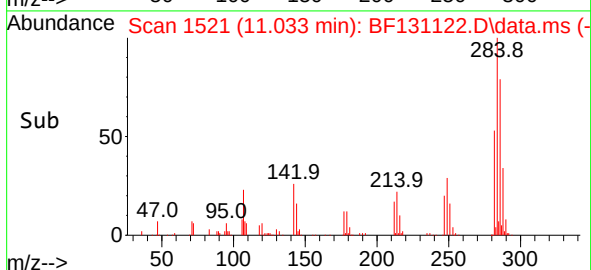
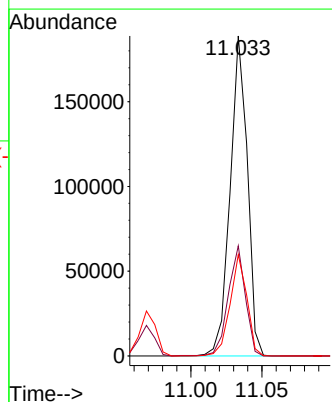
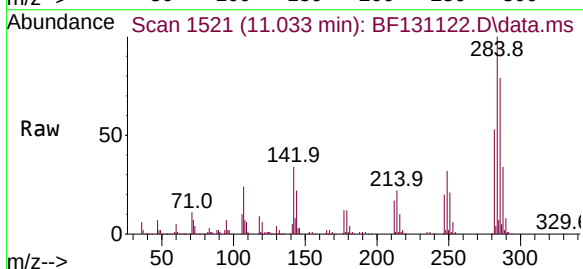
Manual Integrations
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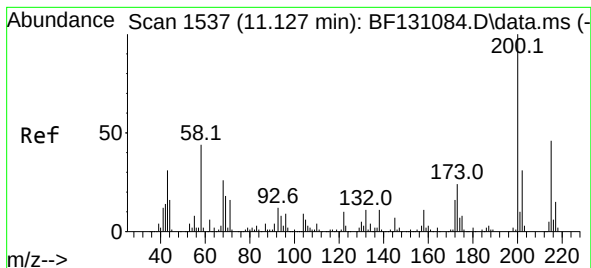
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#68
Hexachlorobenzene
Concen: 46.519 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:284 Resp: 159186
Ion Ratio Lower Upper
284 100
142 34.4 30.7 46.1
249 31.6 26.2 39.2





#69

Atrazine

Concen: 49.450 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF131122.D

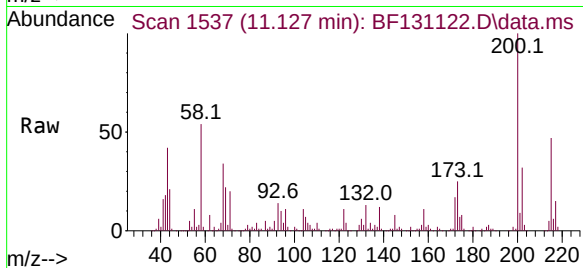
Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD



Tgt Ion:200 Resp: 13974

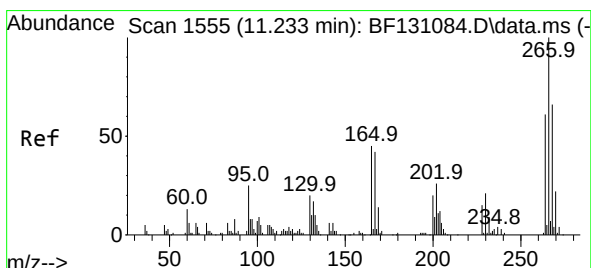
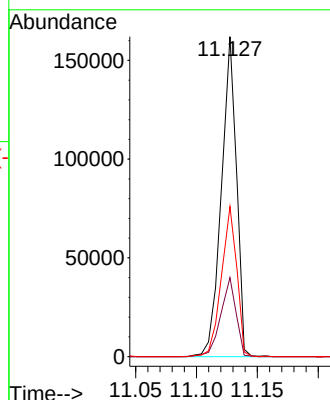
Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.0	44.0
215	46.9	25.7	65.7

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Supervised By :Jagrut Upadhyay 11/11/2022



#70

Pentachlorophenol

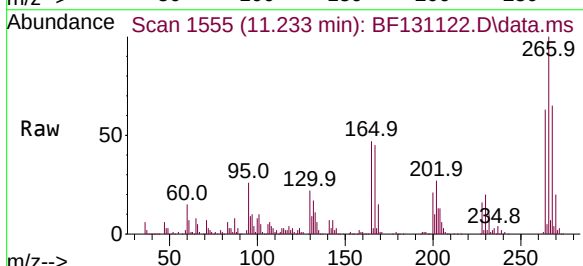
Concen: 71.829 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.000 min

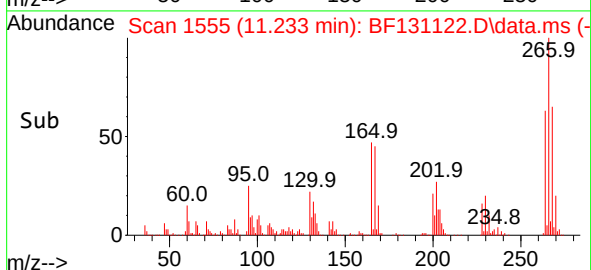
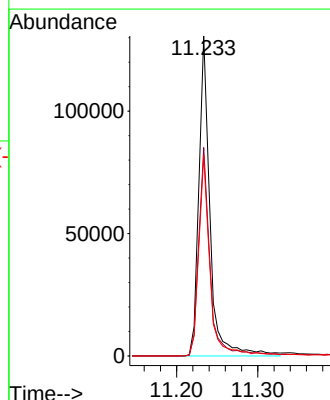
Lab File: BF131122.D

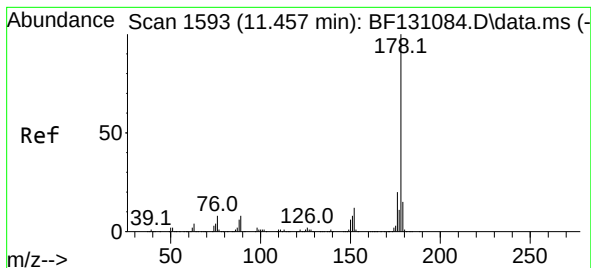
Acq: 10 Nov 2022 14:28



Tgt Ion:266 Resp: 124282

Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.5	78.7
264	62.7	48.6	72.8





#71

Phenanthrene

Concen: 44.747 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

Tgt Ion:178 Resp: 668266

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

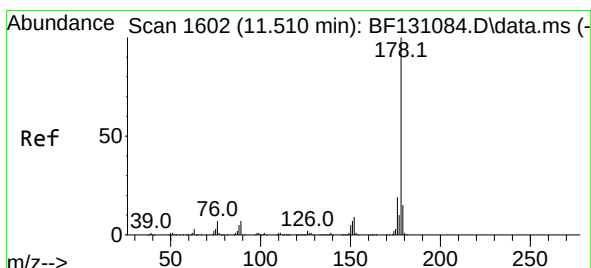
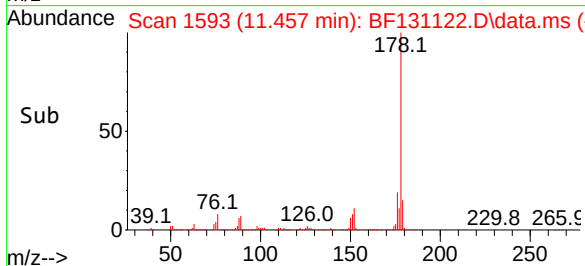
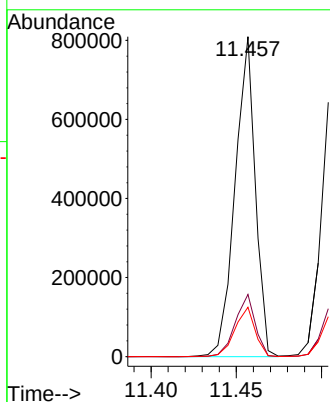
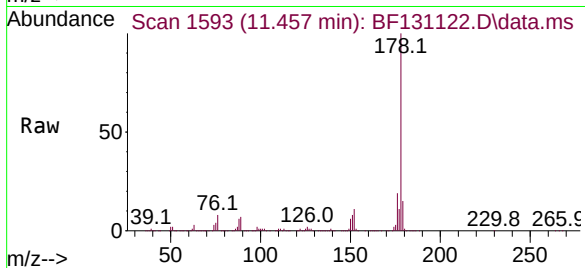
179 15.4 12.2 18.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#72

Anthracene

Concen: 46.305 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

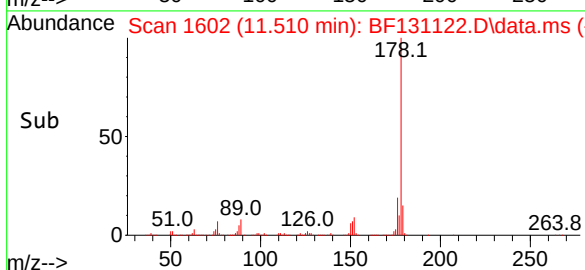
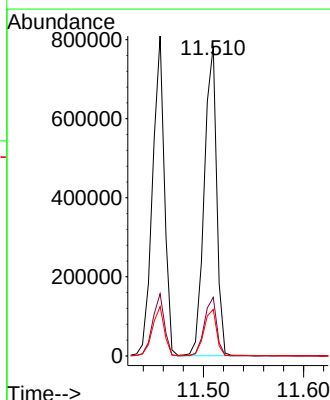
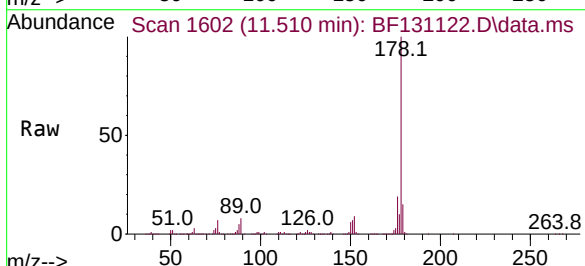
Tgt Ion:178 Resp: 671174

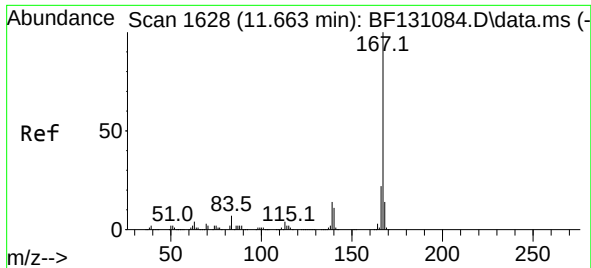
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

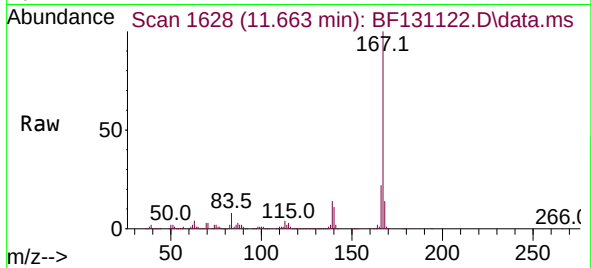
179 15.0 11.8 17.8





#73
 Carbazole
 Concen: 44.749 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF131122.D
 Acq: 10 Nov 2022 14:28

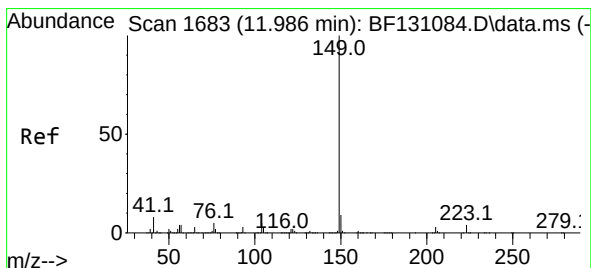
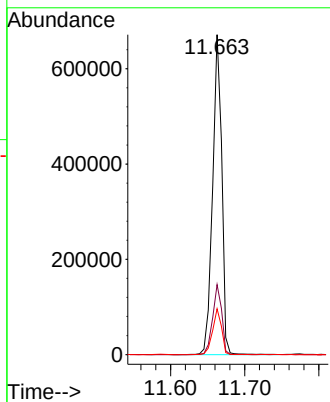
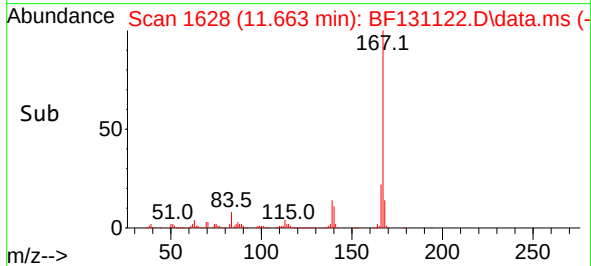
Instrument : BNA_F
 ClientSampleId : SB-16-20221028-10.5-11.5MSD



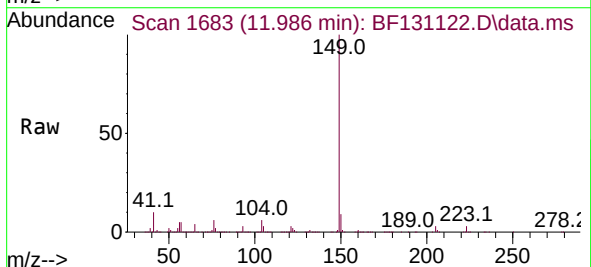
Tgt Ion:167 Resp: 576800
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.4 10.8 16.2

Manual Integrations
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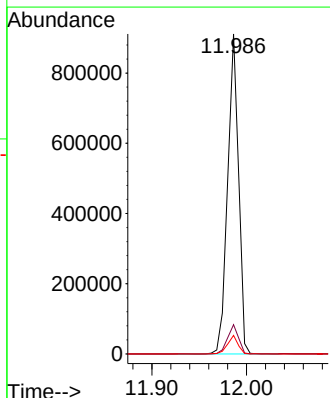
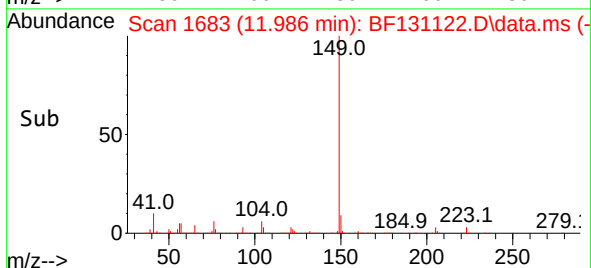
Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022

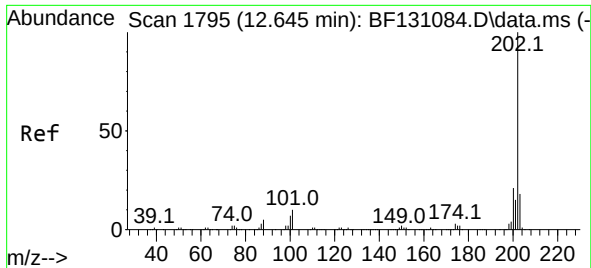


#74
 Di-n-butylphthalate
 Concen: 50.111 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BF131122.D
 Acq: 10 Nov 2022 14:28



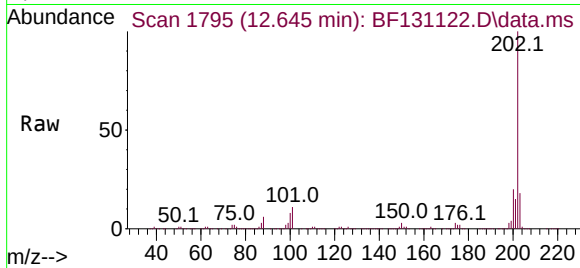
Tgt Ion:149 Resp: 728508
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 44.210 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

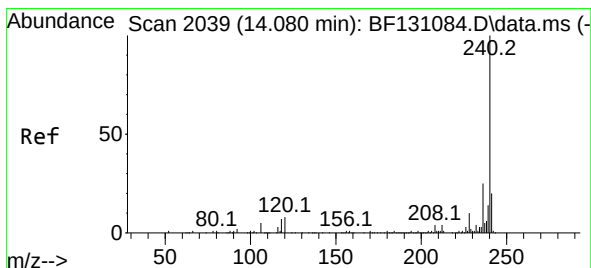
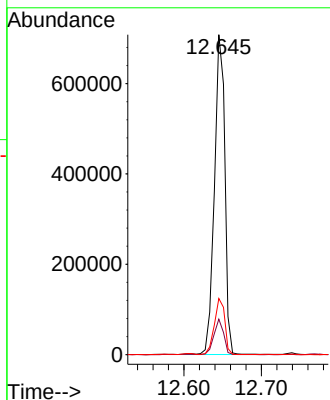
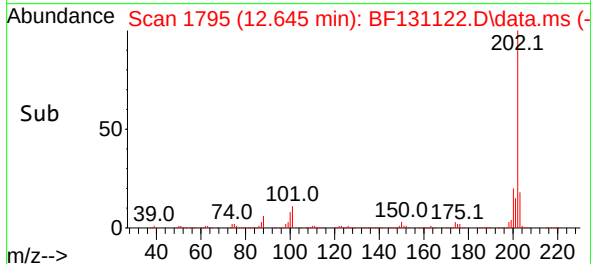
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



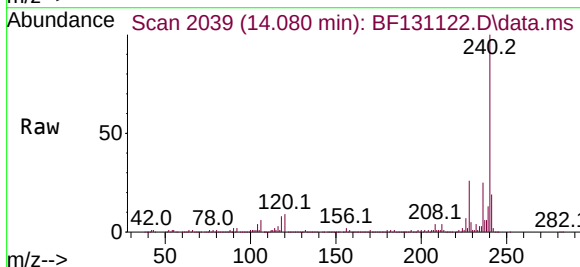
Tgt Ion:202 Resp: 660894
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.0
203 17.5 0.0 37.7

Manual Integrations
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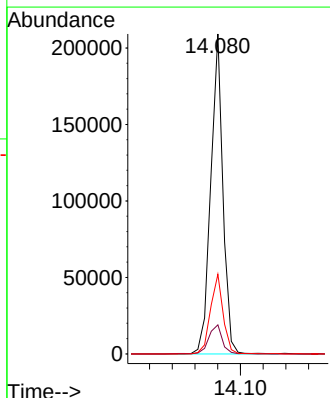
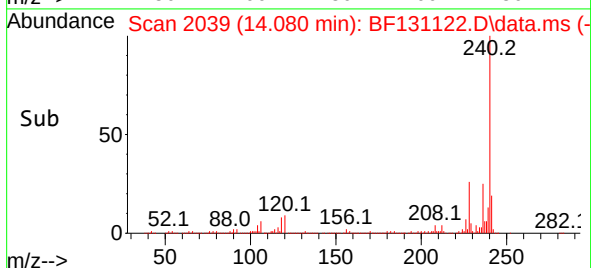
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

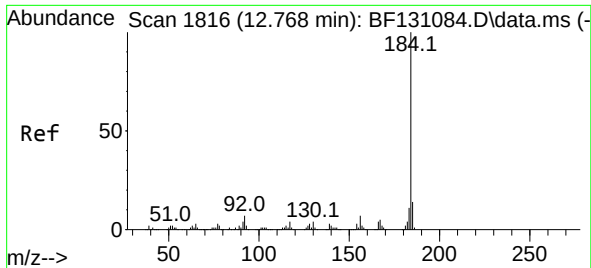


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



Tgt Ion:240 Resp: 155731
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 24.9 19.7 29.5





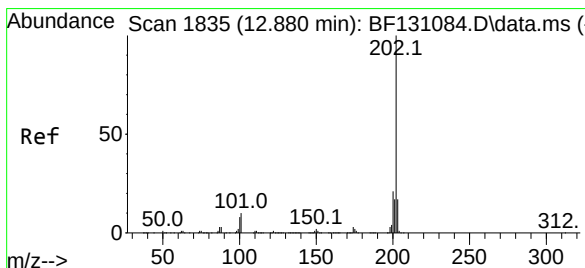
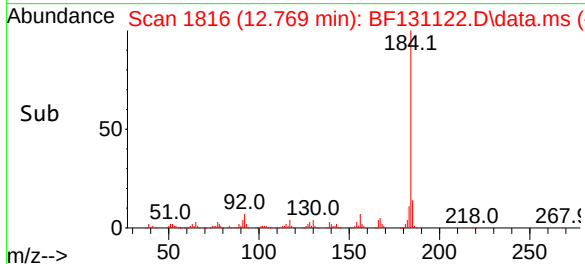
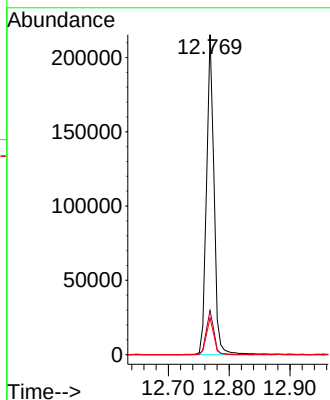
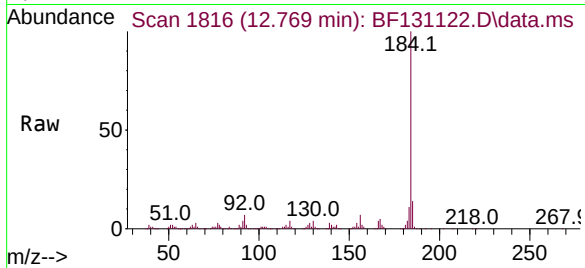
#77
Benzidine
Concen: 40.009 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD

Tgt Ion:184 Resp: 183816
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.4 9.0 13.4

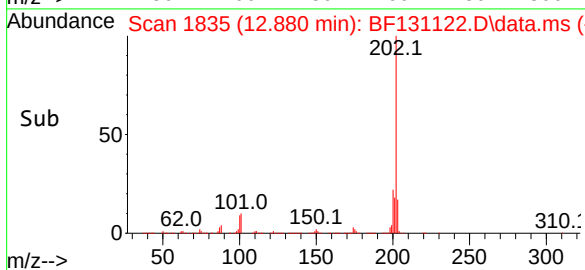
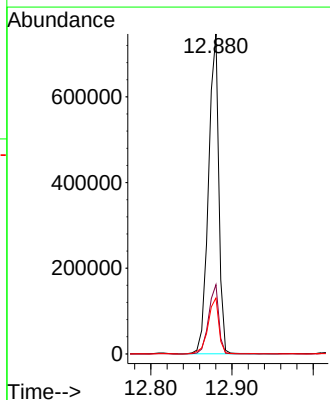
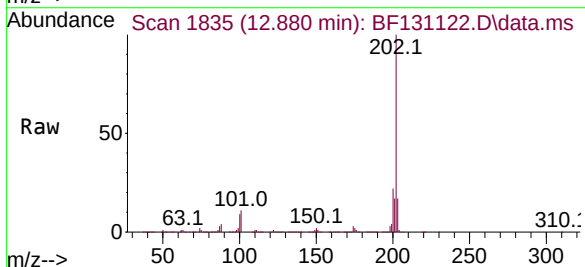
Manual Integrations
APPROVED

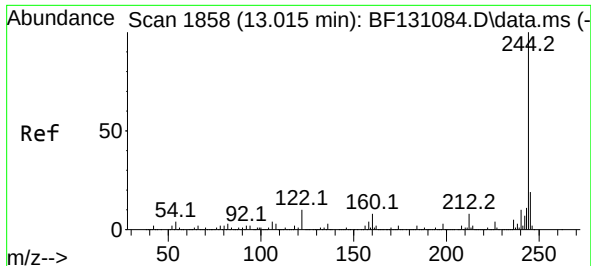
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#78
Pyrene
Concen: 49.467 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

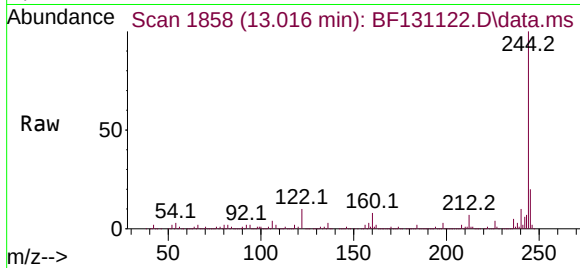
Tgt Ion:202 Resp: 660929
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.5 13.6 20.4





#79
 Terphenyl-d14
 Concen: 78.843 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131122.D
 Acq: 10 Nov 2022 14:28

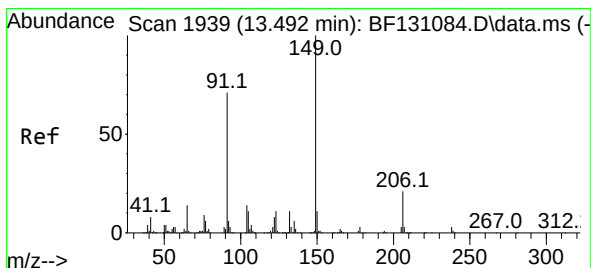
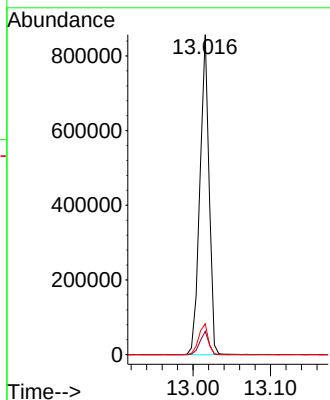
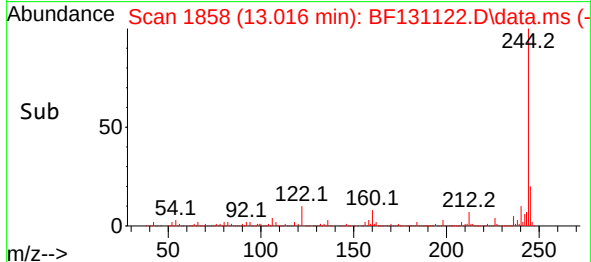
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5MSD



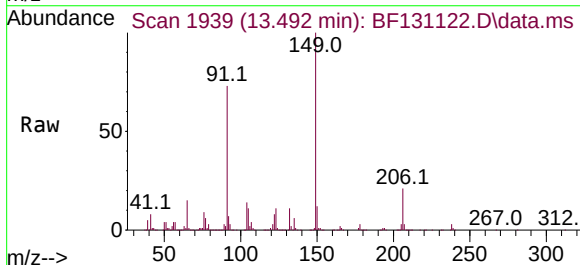
Tgt Ion:244 Resp: 700290
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.6 7.8 11.8

Manual Integrations
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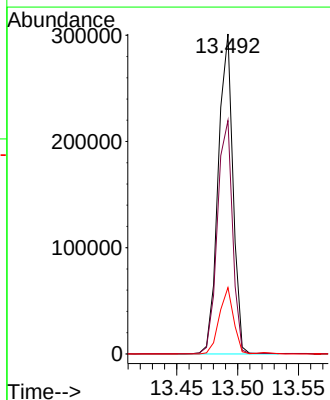
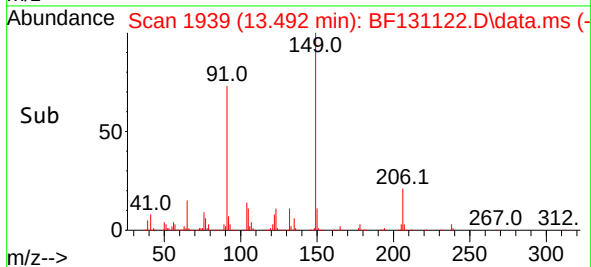
Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022

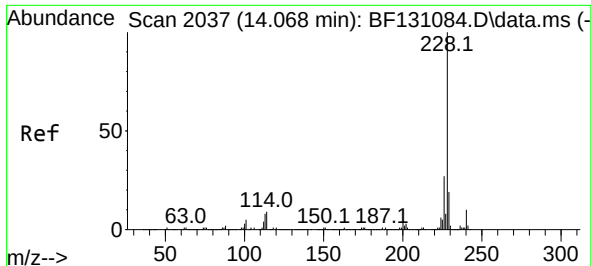


#80
 Butylbenzylphthalate
 Concen: 53.099 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BF131122.D
 Acq: 10 Nov 2022 14:28



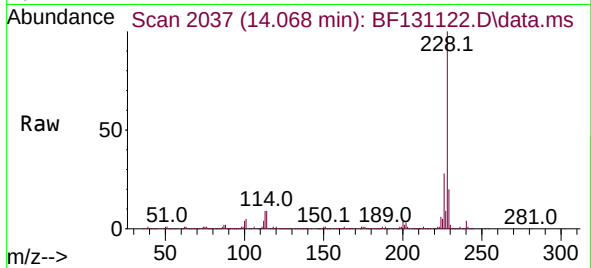
Tgt Ion:149 Resp: 254003
 Ion Ratio Lower Upper
 149 100
 91 72.9 56.4 84.6
 206 20.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 45.820 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

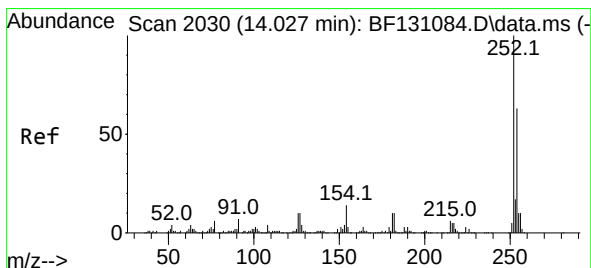
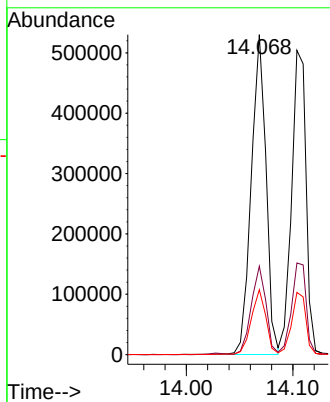
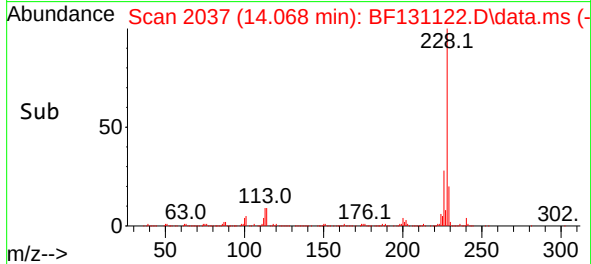
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



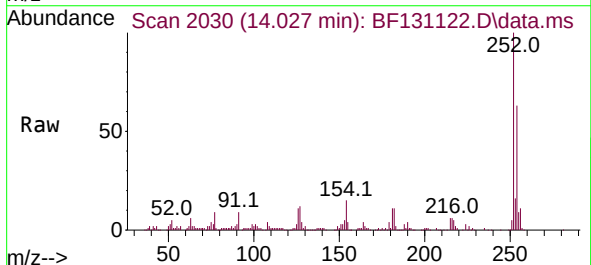
Tgt Ion:228 Resp: 51036
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 20.3 15.4 23.2

Manual Integrations
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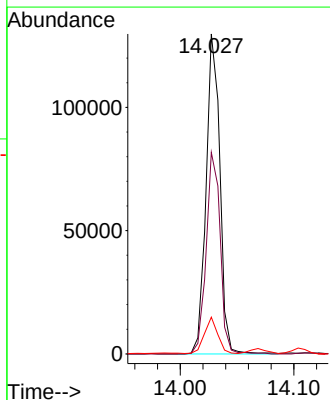
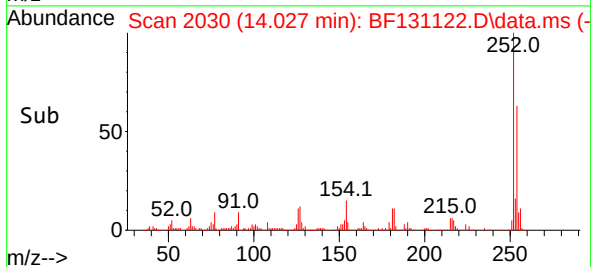
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

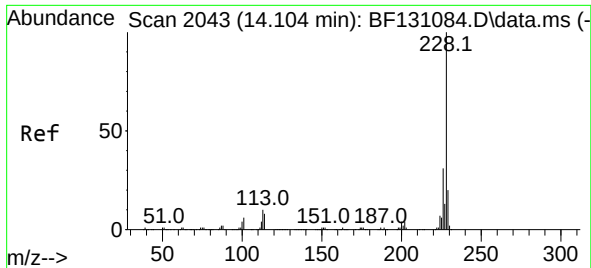


#82
3,3'-Dichlorobenzidine
Concen: 34.590 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



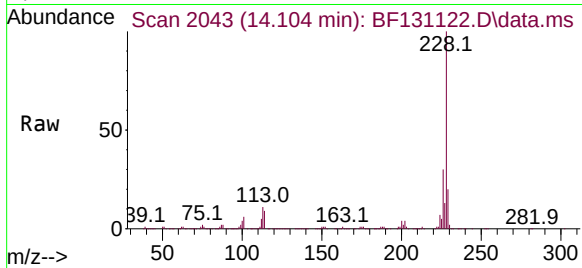
Tgt Ion:252 Resp: 109893
Ion Ratio Lower Upper
252 100
254 63.0 50.6 75.8
126 11.5 8.1 12.1





#83
Chrysene
Concen: 45.241 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

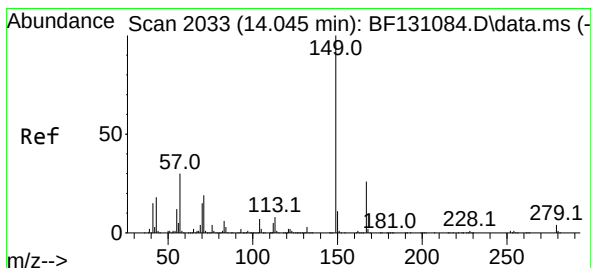
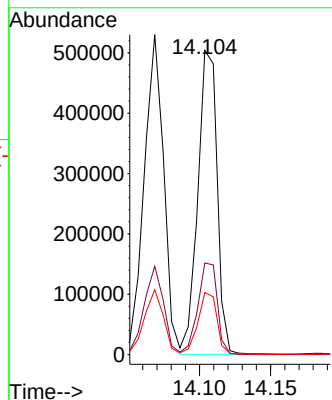
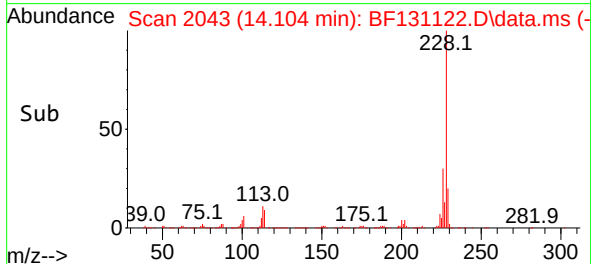
Instrument : BNA_F
Client Sample Id : SB-16-20221028-10.5-11.5MSD



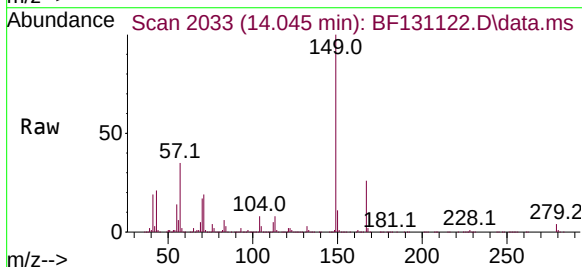
Tgt Ion:228 Resp: 475584
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.4 15.8 23.6

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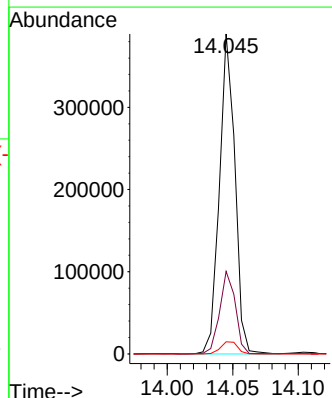
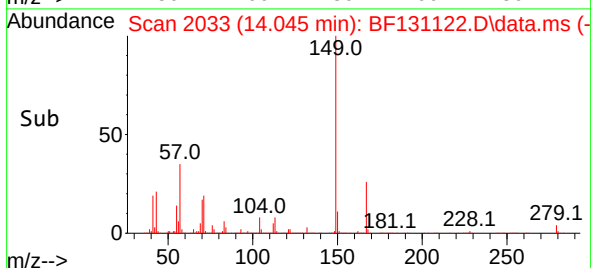
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

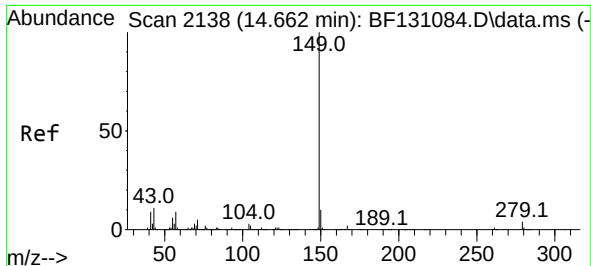


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.171 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28



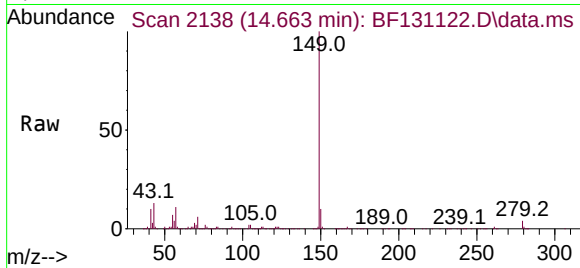
Tgt Ion:149 Resp: 321043
Ion Ratio Lower Upper
149 100
167 25.8 20.8 31.2
279 3.8 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 77.233 ng
RT: 14.663 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

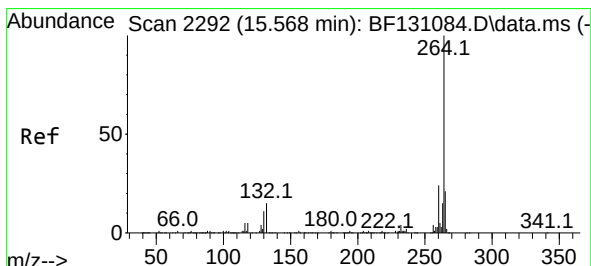
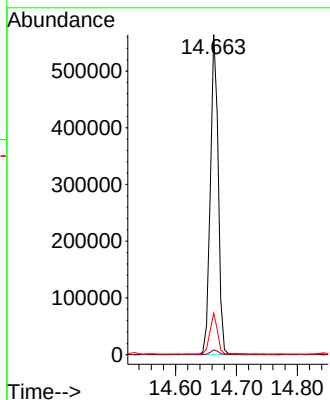
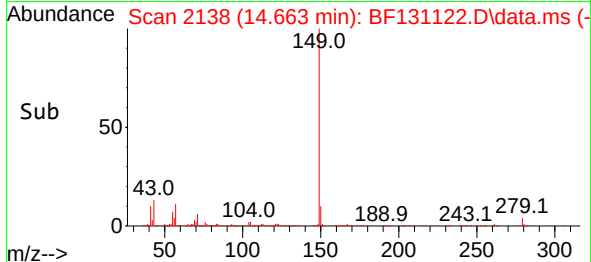
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:149 Resp: 505754
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 9.4 14.2

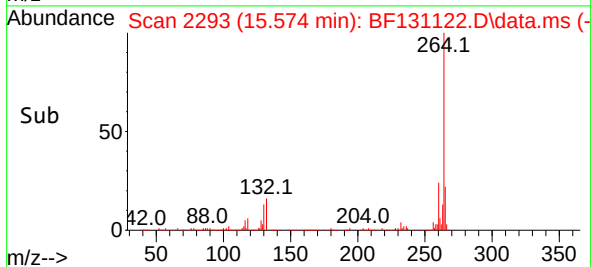
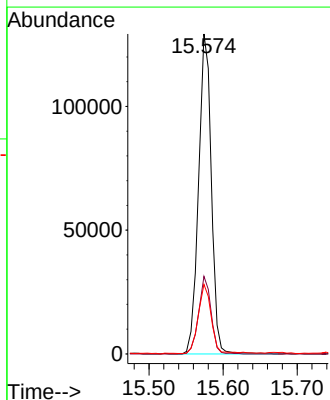
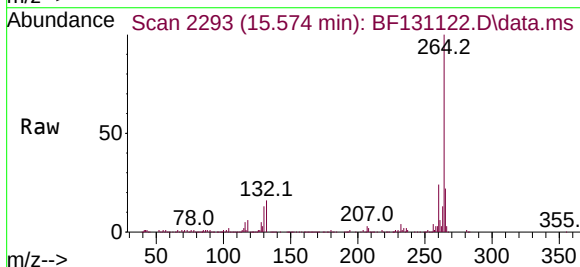
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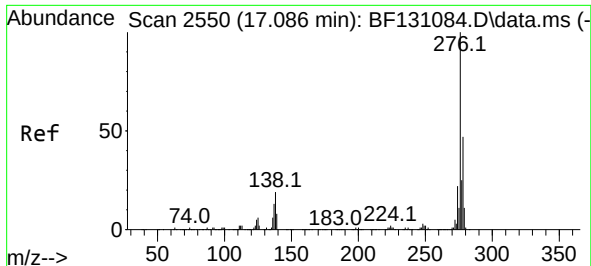
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

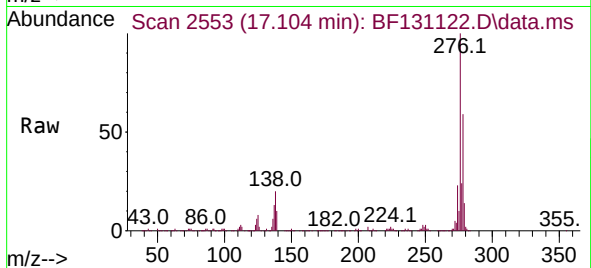
Tgt Ion:264 Resp: 154606
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.8 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.688 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

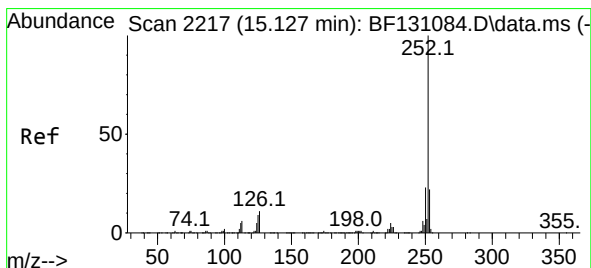
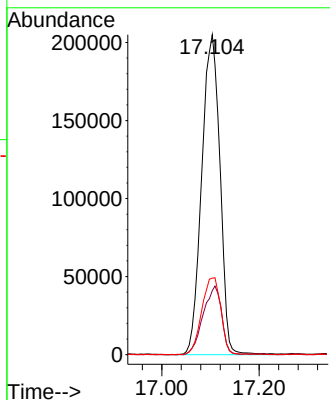
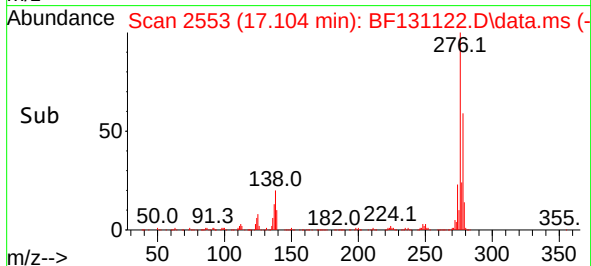
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MSD



Tgt Ion:276 Resp: 534132
Ion Ratio Lower Upper
276 100
138 21.6 16.9 25.3
277 25.1 20.3 30.5

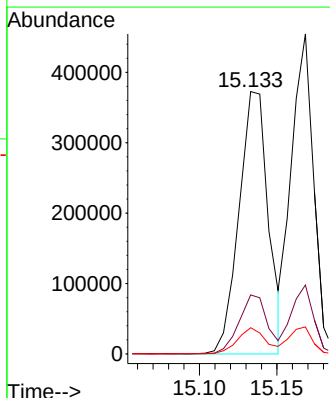
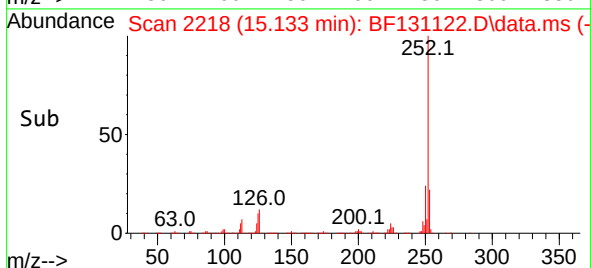
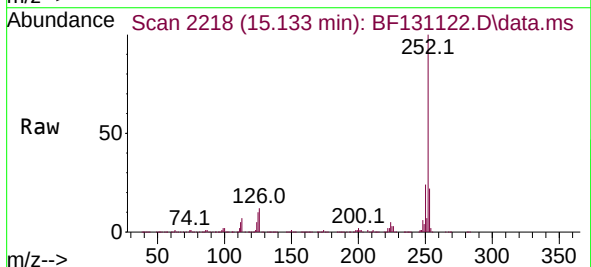
Manual Integrations
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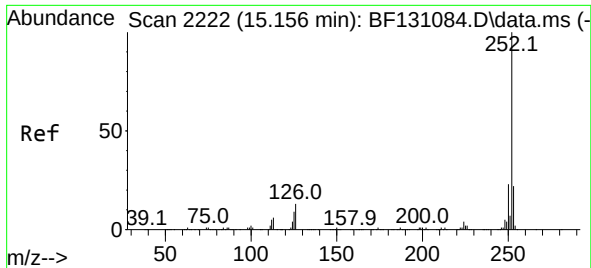
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#88
Benzo(b)fluoranthene
Concen: 45.111 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF131122.D
Acq: 10 Nov 2022 14:28

Tgt Ion:252 Resp: 493095
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.0 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 43.142 ng

RT: 15.168 min Scan# 2222

Delta R.T. 0.012 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

Tgt Ion:252 Resp: 453260

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

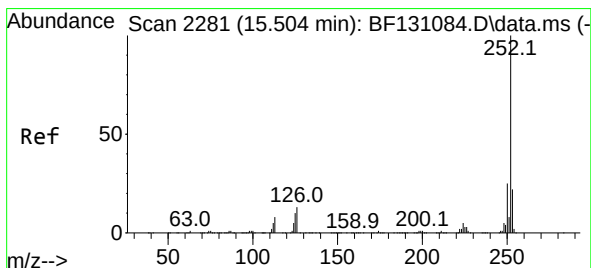
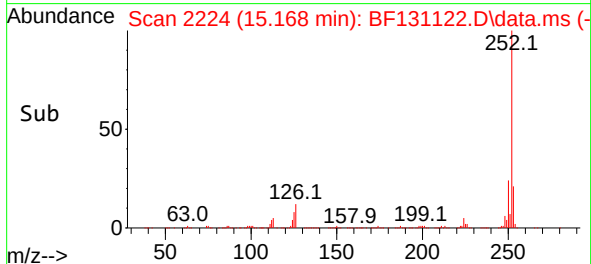
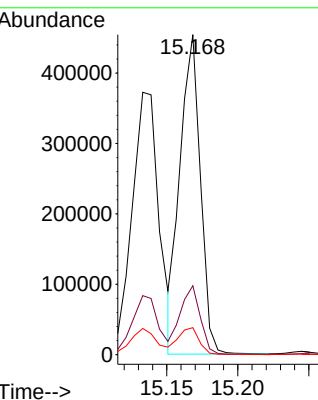
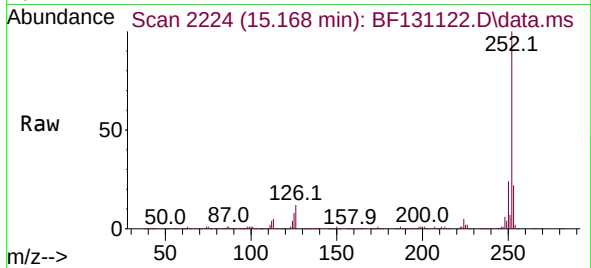
125 8.4 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#90

Benzo(a)pyrene

Concen: 49.291 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.011 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

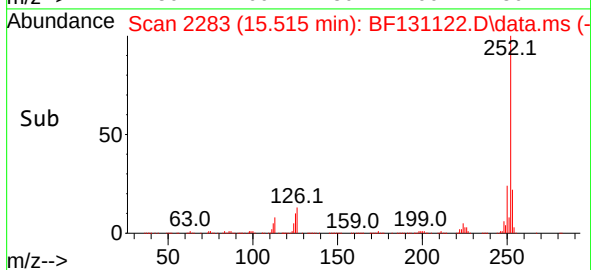
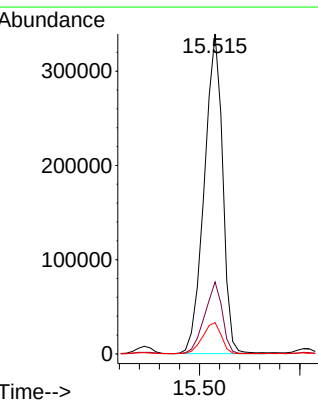
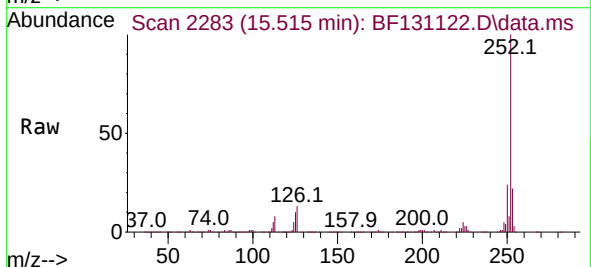
Tgt Ion:252 Resp: 431959

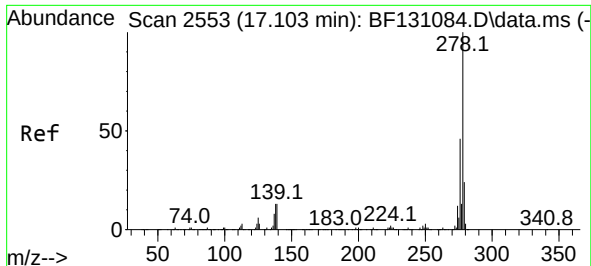
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 9.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 44.006 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MSD

Tgt Ion:278 Resp: 447545

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

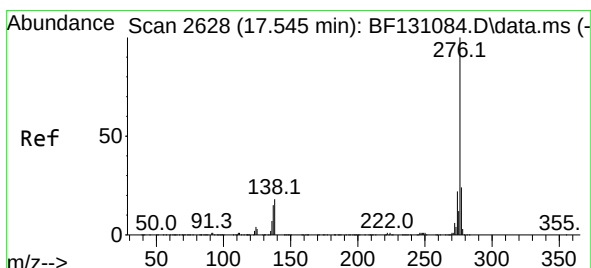
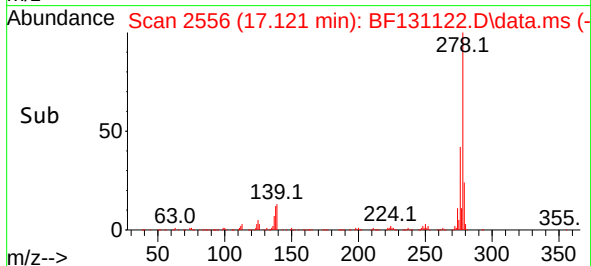
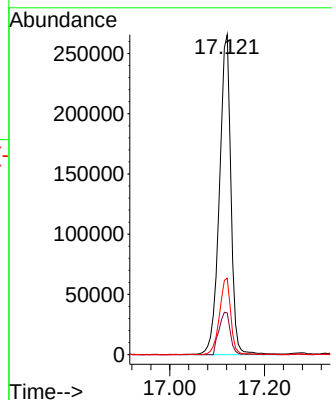
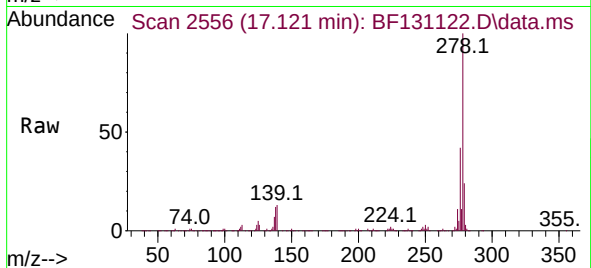
279 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#92

Benzo(g,h,i)perylene

Concen: 41.154 ng

RT: 17.562 min Scan# 2631

Delta R.T. 0.017 min

Lab File: BF131122.D

Acq: 10 Nov 2022 14:28

Tgt Ion:276 Resp: 440016

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 18.6 14.6 21.8

