

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131121.D
 Acq On : 10 Nov 2022 13:56
 Operator : CG\JU
 Sample : N5378-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 11 00:47:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73994	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	248058	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	138851	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	193960	20.000	ng	0.00
76) Chrysene-d12	14.080	240	120851	20.000	ng	0.00
86) Perylene-d12	15.574	264	156785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	478028	109.866	ng	0.01
7) Phenol-d6	6.522	99	644138	113.237	ng	0.00
23) Nitrobenzene-d5	7.457	82	404954	73.656	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	151962	105.898	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	761261	76.535	ng	0.00
79) Terphenyl-d14	13.016	244	522656	75.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	88895	41.507	ng	98
3) Pyridine	3.499	79	239239	40.682	ng	98
4) n-Nitrosodimethylamine	3.469	42	147441	43.463	ng	97
6) Aniline	6.551	93	209118	29.947	ng	96
8) 2-Chlorophenol	6.675	128	205099	40.975	ng	98
9) Benzaldehyde	6.445	77	154670	41.785	ng	94
10) Phenol	6.534	94	273324	41.104	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	208896	43.909	ng	98
12) 1,3-Dichlorobenzene	6.828	146	236061	42.408	ng	98
13) 1,4-Dichlorobenzene	6.904	146	237222	41.954	ng	99
14) 1,2-Dichlorobenzene	7.057	146	217933	41.609	ng	97
15) Benzyl Alcohol	7.034	79	190968	43.894	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	396775	49.740	ng	99
17) 2-Methylphenol	7.145	107	174437	41.666	ng	99
18) Hexachloroethane	7.398	117	91193	43.252	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	155405	41.609	ng	98
20) 3+4-Methylphenols	7.298	107	206026	39.388	ng	# 70
22) Acetophenone	7.304	105	294520	47.444	ng	95
24) Nitrobenzene	7.475	77	230423	43.266	ng	99
25) Isophorone	7.716	82	466542	54.882	ng	97
26) 2-Nitrophenol	7.792	139	121643	51.476	ng	99
27) 2,4-Dimethylphenol	7.828	122	210157	57.991	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	279763	58.071	ng	100
29) 2,4-Dichlorophenol	8.034	162	190408	49.146	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	184040	44.050	ng	98
31) Naphthalene	8.198	128	604979	44.635	ng	99
32) Benzoic acid	7.951	122	76530	32.234	ng	95
33) 4-Chloroaniline	8.245	127	110646	20.359	ng	97
34) Hexachlorobutadiene	8.304	225	119785	41.960	ng	98
35) Caprolactam	8.622	113	48496m	40.832	ng	
36) 4-Chloro-3-methylphenol	8.734	107	214183	49.956	ng	99
37) 2-Methylnaphthalene	8.892	142	368761	42.206	ng	98
38) 1-Methylnaphthalene	8.986	142	339090	39.629	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	190630	42.043	ng	99
41) Hexachlorocyclopentadiene	9.039	237	154214	87.170	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	127082	42.708	ng	98

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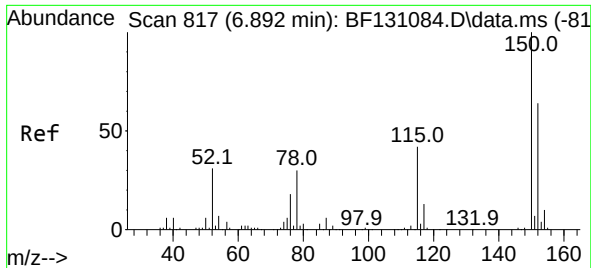
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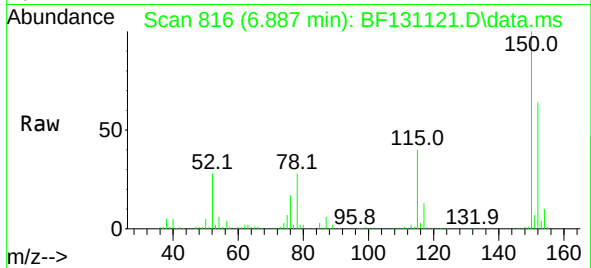
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	133437	40.081	ng	98
46) 1,1'-Biphenyl	9.357	154	471118	43.883	ng	99
47) 2-Chloronaphthalene	9.381	162	364656	41.858	ng	99
48) 2-Nitroaniline	9.481	65	135249	42.656	ng	98
49) Acenaphthylene	9.798	152	626670	47.076	ng	99
50) Dimethylphthalate	9.657	163	438597	44.406	ng	100
51) 2,6-Dinitrotoluene	9.722	165	106817	49.211	ng	92
52) Acenaphthene	9.969	154	349930	44.068	ng	98
53) 3-Nitroaniline	9.892	138	59248	23.875	ng	98
54) 2,4-Dinitrophenol	10.004	184	81716	71.724	ng	92
55) Dibenzofuran	10.145	168	527823	44.885	ng	96
56) 4-Nitrophenol	10.063	139	127847	77.403	ng	92
57) 2,4-Dinitrotoluene	10.128	165	130898	45.365	ng	97
58) Fluorene	10.486	166	436701	45.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	112064	43.776	ng	98
60) Diethylphthalate	10.357	149	451563	47.472	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	212640	47.840	ng	94
62) 4-Nitroaniline	10.516	138	98119	39.125	ng	94
63) Azobenzene	10.639	77	428086	42.996	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	63039	50.550	ng	95
66) n-Nitrosodiphenylamine	10.598	169	378078	57.981	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	108763	49.590	ng	99
68) Hexachlorobenzene	11.033	284	116465	47.648	ng	98
69) Atrazine	11.128	200	101298	50.184	ng	99
70) Pentachlorophenol	11.233	266	88311	71.483	ng	99
71) Phenanthrene	11.457	178	486111	45.569	ng	99
72) Anthracene	11.510	178	492741	47.592	ng	100
73) Carbazole	11.663	167	405347	44.025	ng	98
74) Di-n-butylphthalate	11.986	149	512310	49.334	ng	99
75) Fluoranthene	12.645	202	457387	42.834	ng	99
77) Benzidine	12.769	184	123758	34.712	ng	99
78) Pyrene	12.880	202	456577	44.035	ng	100
80) Butylbenzylphthalate	13.492	149	169000	45.526	ng	99
81) Benzo(a)anthracene	14.068	228	386362	44.728	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	84105	34.113	ng	# 99
83) Chrysene	14.104	228	385563	47.263	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	229388	57.243	ng	98
85) Di-n-octyl phthalate	14.663	149	402651	79.235	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	439606	35.374	ng	100
88) Benzo(b)fluoranthene	15.139	252	476869	43.020	ng	99
89) Benzo(k)fluoranthene	15.168	252	484801	45.503	ng	98
90) Benzo(a)pyrene	15.515	252	439075	49.407	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	372493	36.806	ng	100
92) Benzo(g,h,i)perylene	17.568	276	365213	34.476	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

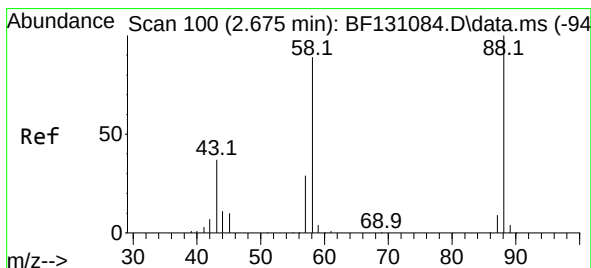
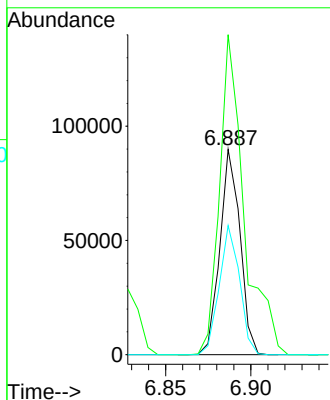
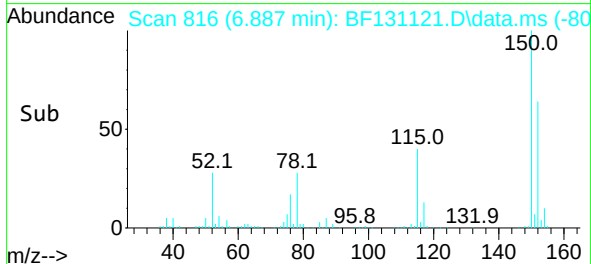
Instrument :
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ClientSampleId :
SB-16-20221028-10.5-11.5MS



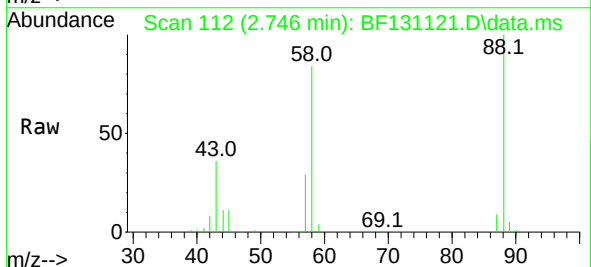
Tgt Ion:152 Resp: 73994
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 62.9 52.2 78.2

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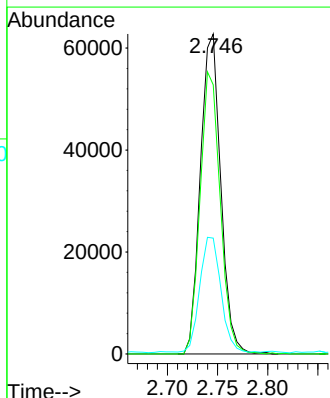
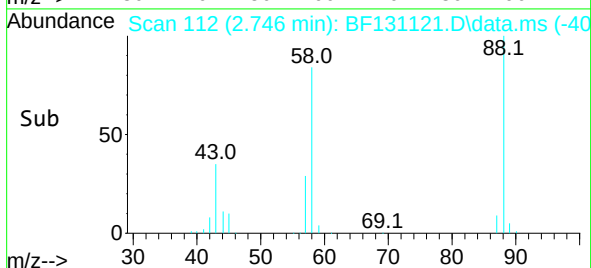
Reviewed By :Christian Giraldo 11/11/2022
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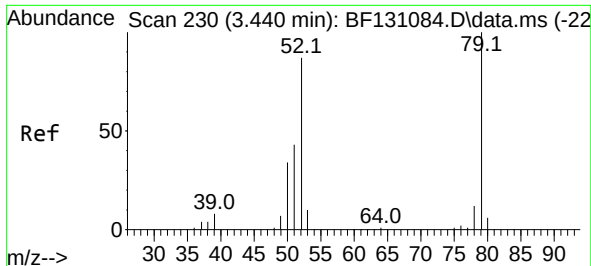


#2
1,4-Dioxane
Concen: 41.507 ng
RT: 2.746 min Scan# 112
Delta R.T. 0.071 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



Tgt Ion: 88 Resp: 88895
Ion Ratio Lower Upper
88 100
58 87.3 68.5 102.7
43 37.2 28.6 42.8





#3

Pyridine

Concen: 40.682 ng

RT: 3.499 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF131121.D

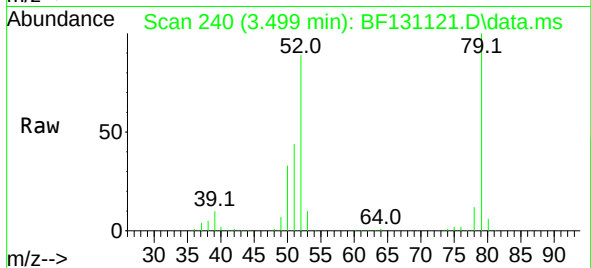
Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MS



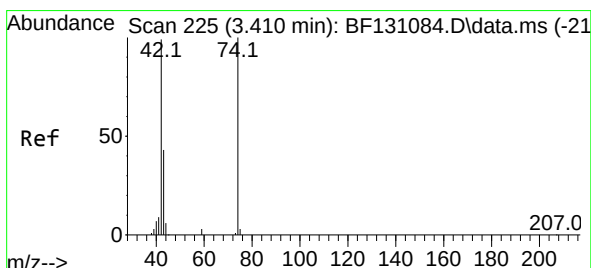
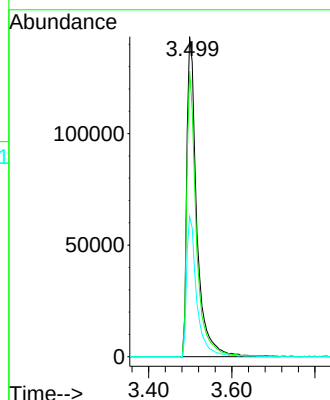
Tgt Ion: 79 Resp: 239239

Ion	Ratio	Lower	Upper
79	100		
52	89.2	69.4	104.2
51	43.8	34.2	51.4

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#4

n-Nitrosodimethylamine

Concen: 43.463 ng

RT: 3.469 min Scan# 235

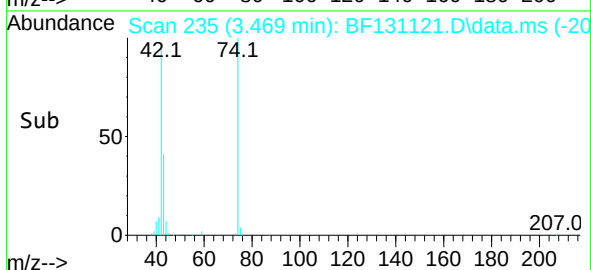
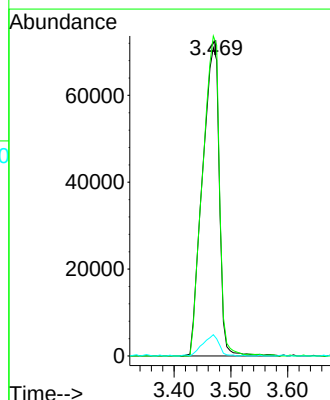
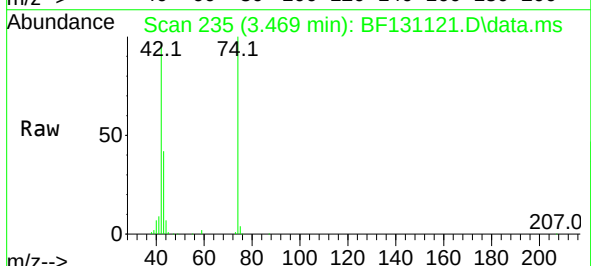
Delta R.T. 0.059 min

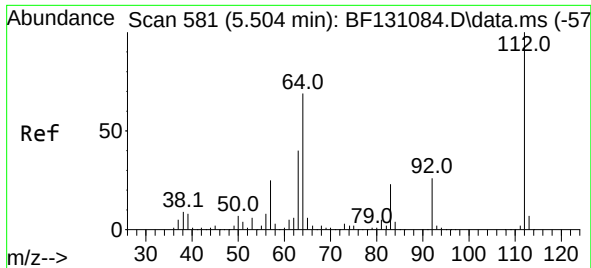
Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

Tgt Ion: 42 Resp: 147441

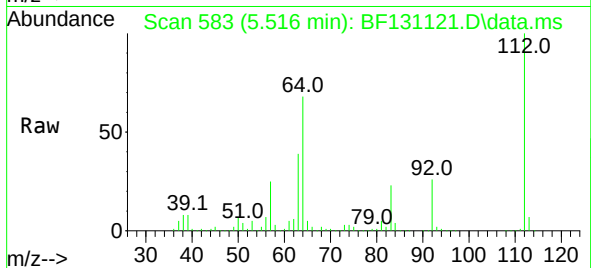
Ion	Ratio	Lower	Upper
42	100		
74	103.8	81.0	121.4
44	6.9	5.0	7.4





#5
2-Fluorophenol
Concen: 109.866 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

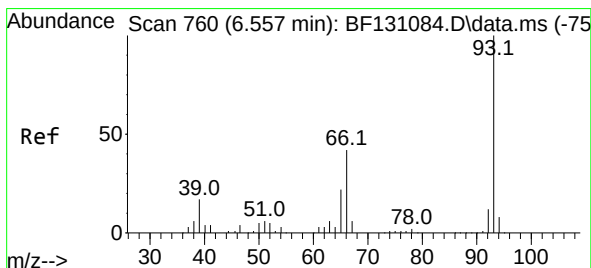
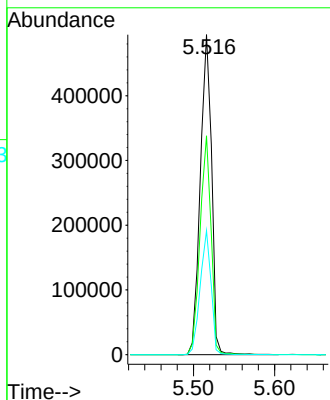
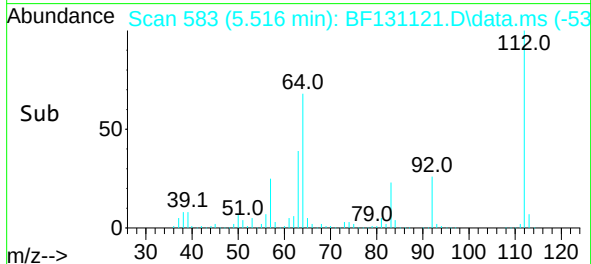
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:112 Resp: 478028
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 38.8 32.4 48.6

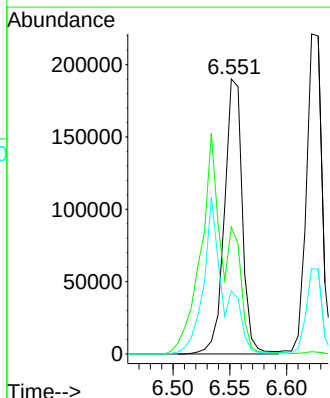
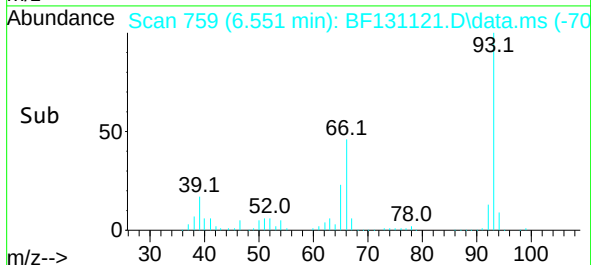
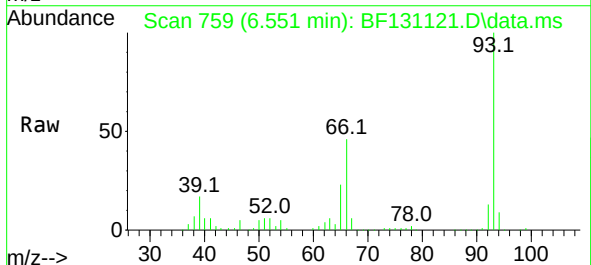
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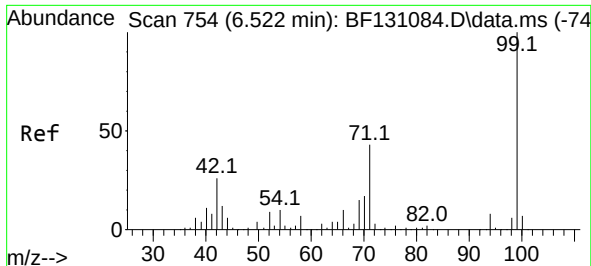
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#6
Aniline
Concen: 29.947 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

Tgt Ion: 93 Resp: 209118
Ion Ratio Lower Upper
93 100
66 46.2 34.4 51.6
65 22.9 17.6 26.4





#7

Phenol-d6

Concen: 113.237 ng

RT: 6.522 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF131121.D

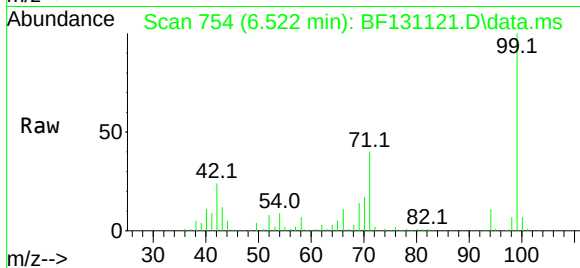
Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MS



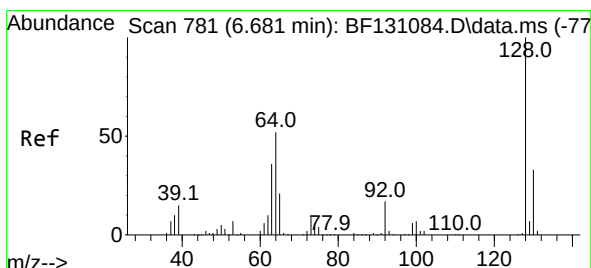
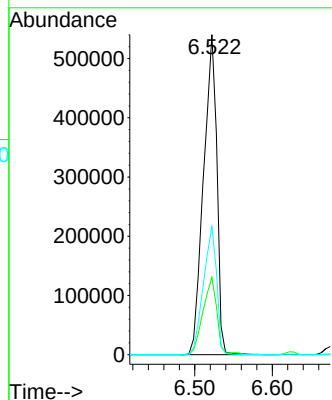
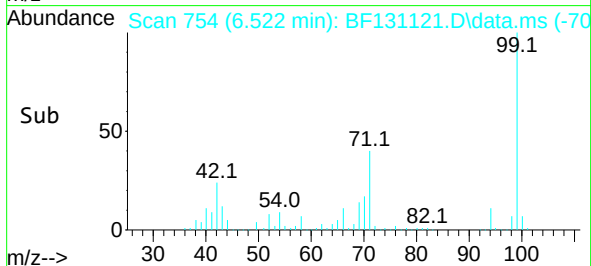
Tgt Ion:	99	Resp:	644138
Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.8	31.2
71	40.0	34.2	51.4

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#8

2-Chlorophenol

Concen: 40.975 ng

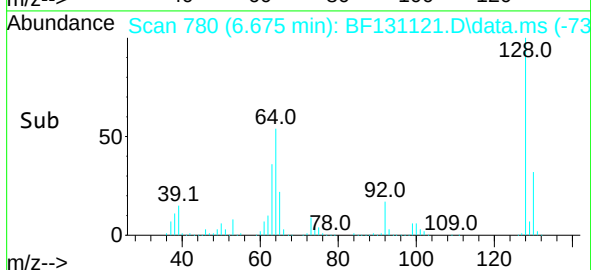
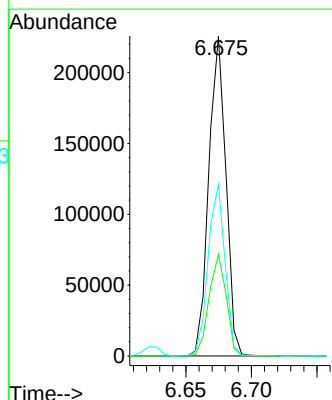
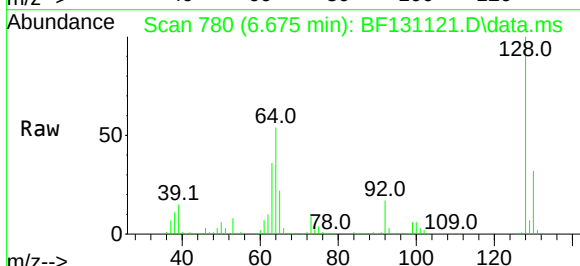
RT: 6.675 min Scan# 780

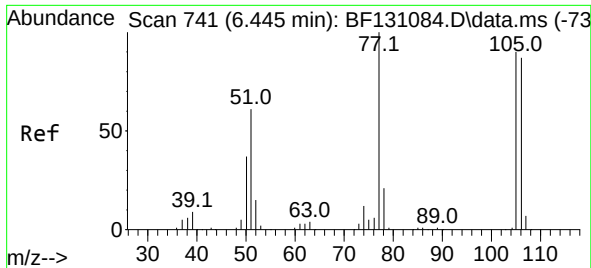
Delta R.T. -0.006 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

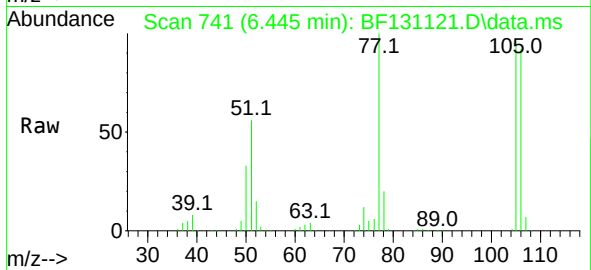
Tgt Ion:	128	Resp:	205099
Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.1	53.1
64	53.5	32.0	72.0





#9
Benzaldehyde
Concen: 41.785 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

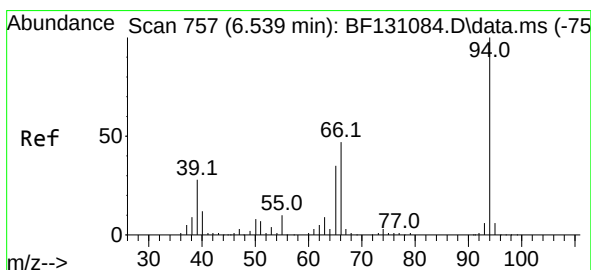
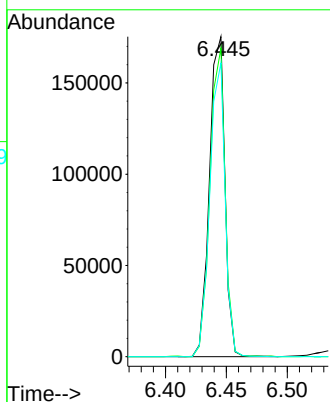
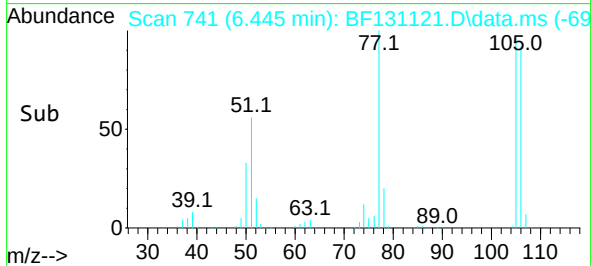
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion: 77 Resp: 154670
Ion Ratio Lower Upper
77 100
105 96.4 70.1 110.1
106 91.8 67.3 107.3

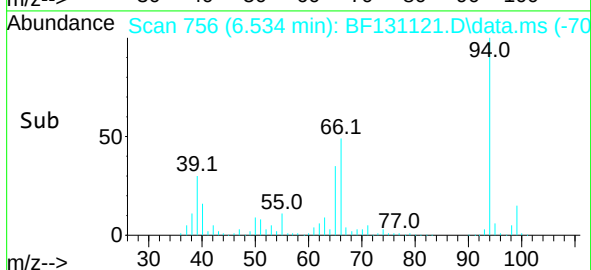
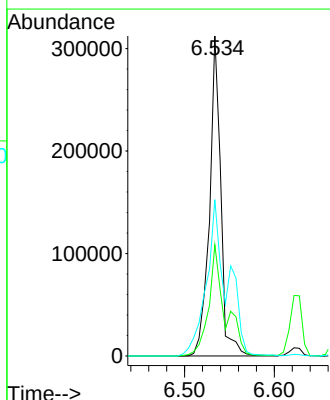
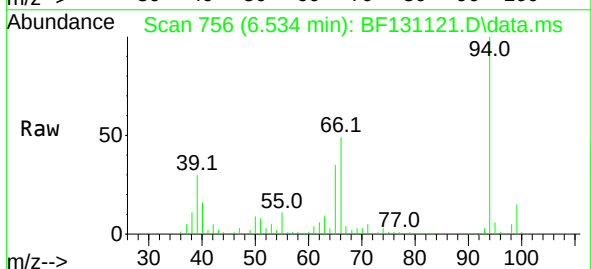
Manual Integrations
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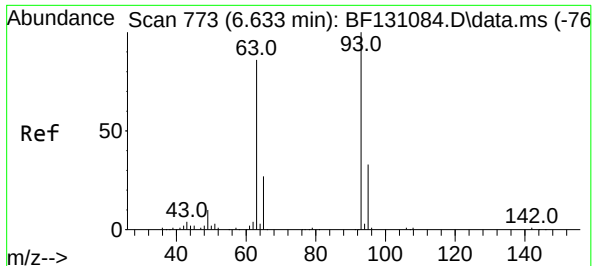
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#10
Phenol
Concen: 41.104 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

Tgt Ion: 94 Resp: 273324
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 48.9 27.5 67.5





#11

bis(2-Chloroethyl)ether

Concen: 43.909 ng

RT: 6.622 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MS

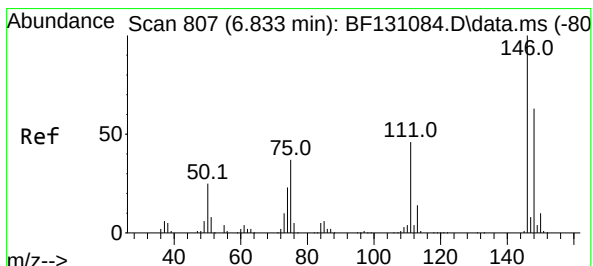
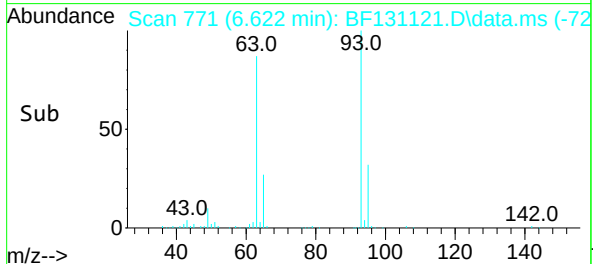
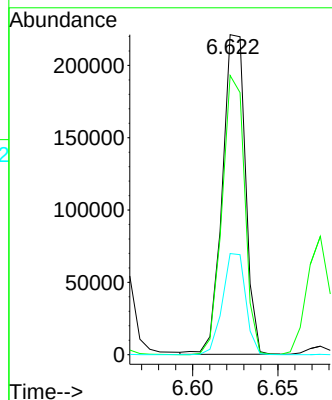
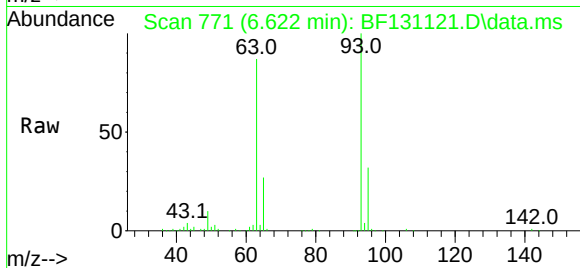
Tgt Ion: 93	Resp: 208890
Ion Ratio	Lower Upper
93	100
63	87.2 65.3 105.3
95	31.6 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#12

1,3-Dichlorobenzene

Concen: 42.408 ng

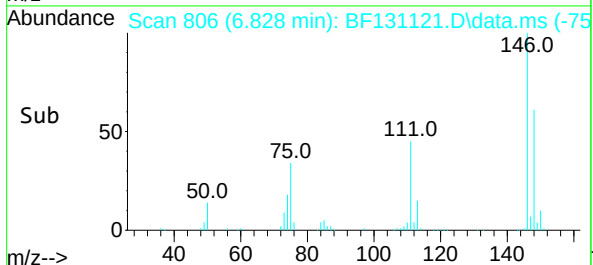
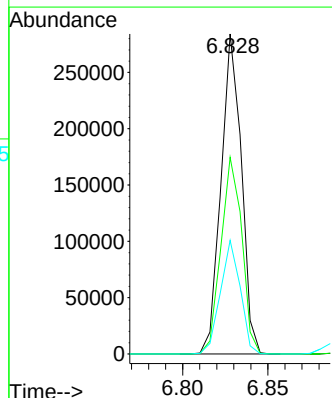
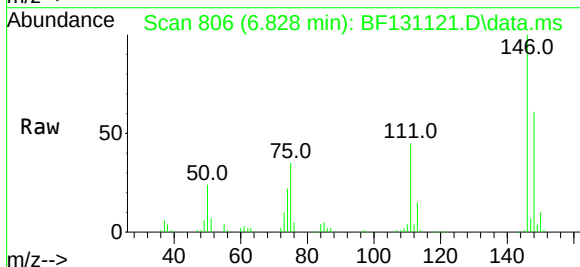
RT: 6.828 min Scan# 806

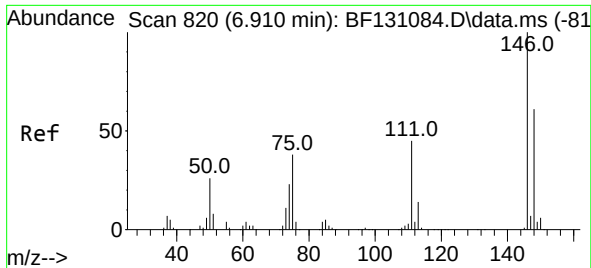
Delta R.T. -0.006 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

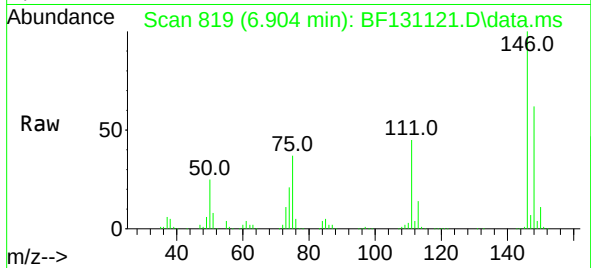
Tgt Ion:146	Resp: 236061
Ion Ratio	Lower Upper
146	100
148	61.4 50.5 75.7
75	35.5 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 41.954 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

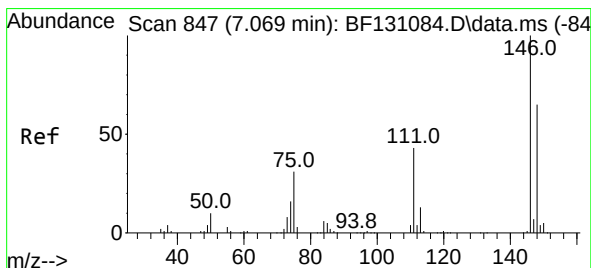
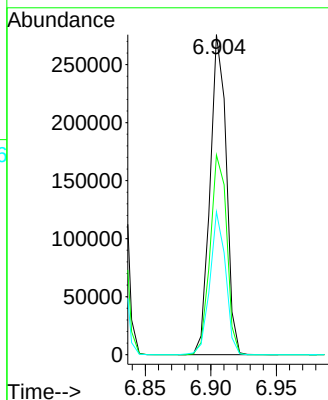
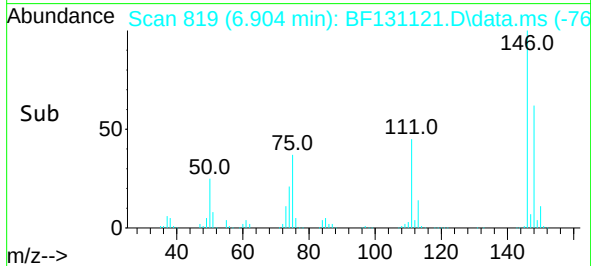
Instrument : BNA_F
ClientSampleId : SB-16-20221028-10.5-11.5MS



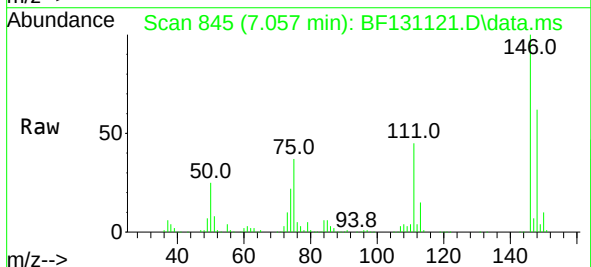
Tgt Ion:146 Resp: 23722
Ion Ratio Lower Upper
146 100
148 62.4 49.0 73.6
111 44.6 35.9 53.9

Manual Integrations
APPROVED

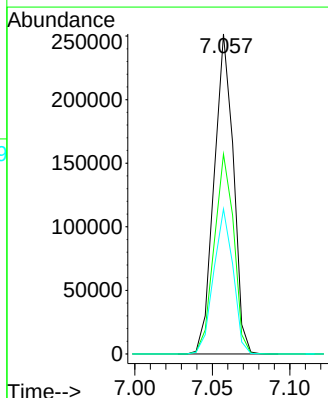
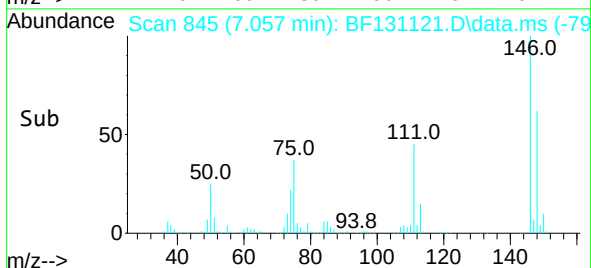
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

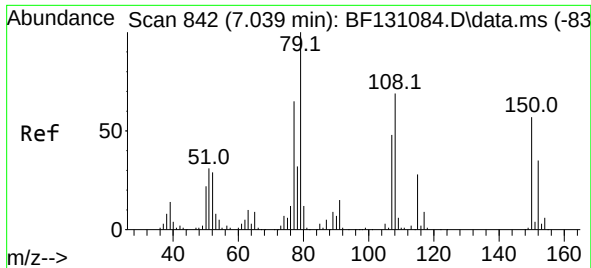


#14
1,2-Dichlorobenzene
Concen: 41.609 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



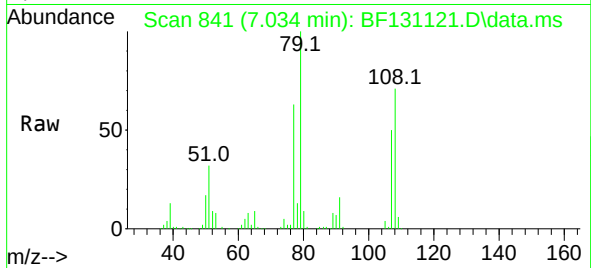
Tgt Ion:146 Resp: 217933
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
111 45.3 34.8 52.2





#15
Benzyl Alcohol
Concen: 43.894 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

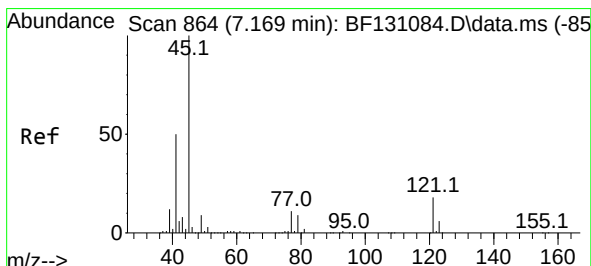
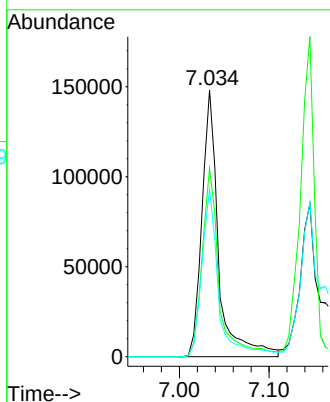
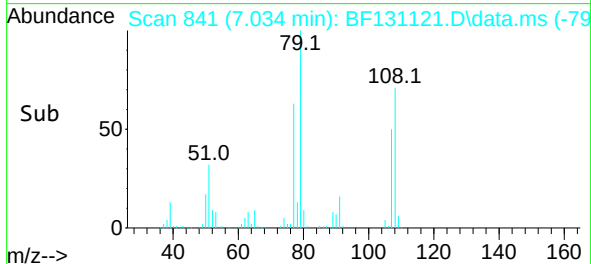
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion: 79 Resp: 190968
Ion Ratio Lower Upper
79 100
108 70.7 55.5 83.3
77 62.9 51.8 77.8

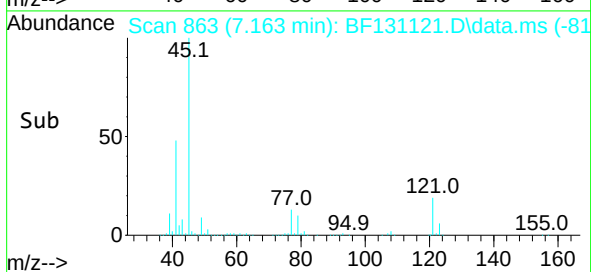
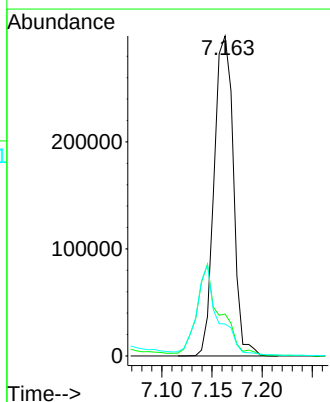
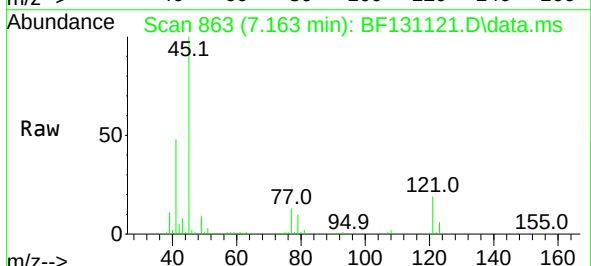
Manual Integrations
APPROVED

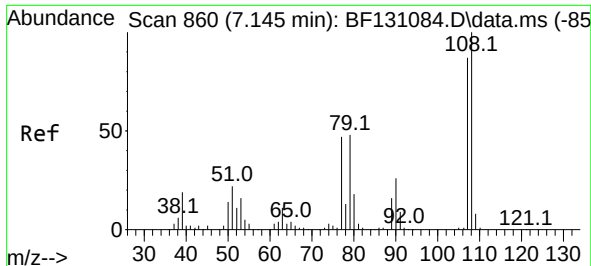
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.740 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

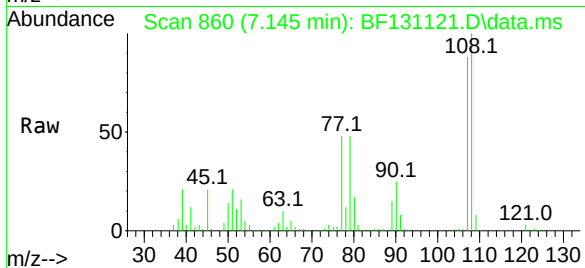
Tgt Ion: 45 Resp: 396775
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.5
79 10.0 0.0 30.3





#17
2-Methylphenol
Concen: 41.666 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

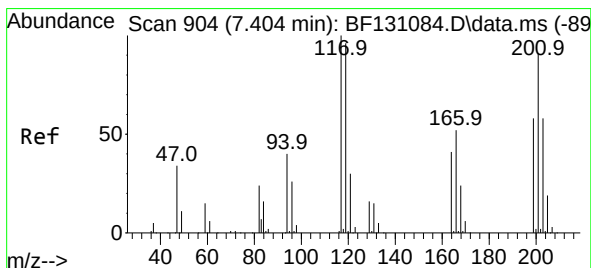
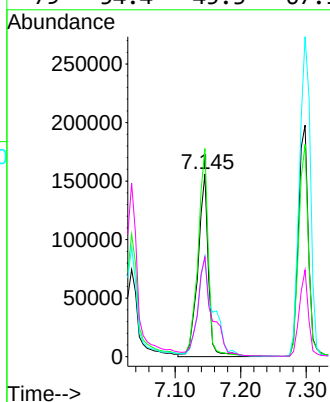
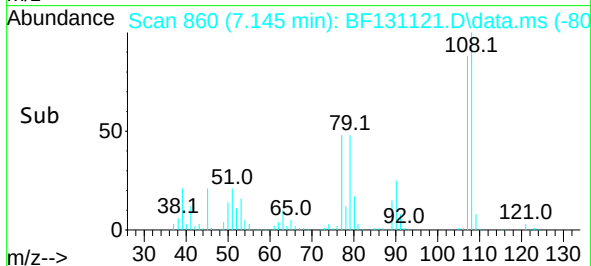
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:107 Resp: 17443
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 54.9 44.2 66.2
79 54.4 45.3 67.9

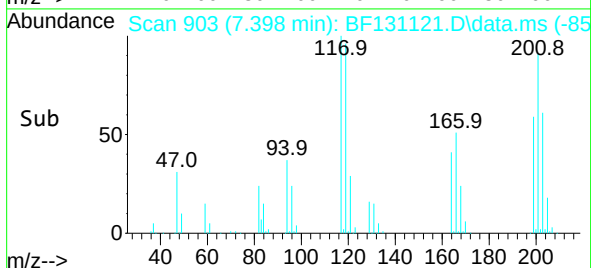
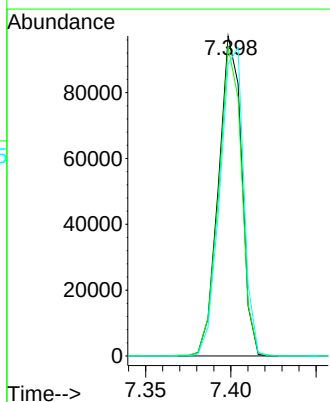
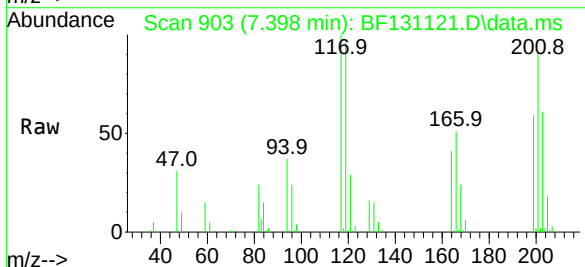
Manual Integrations
APPROVED

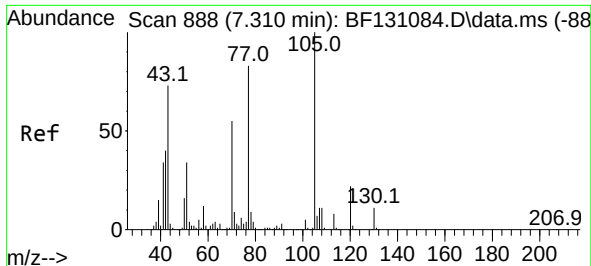
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#18
Hexachloroethane
Concen: 43.252 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

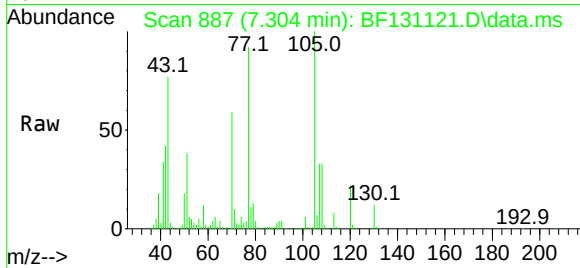
Tgt Ion:117 Resp: 91193
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4
201 91.3 72.6 109.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.609 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

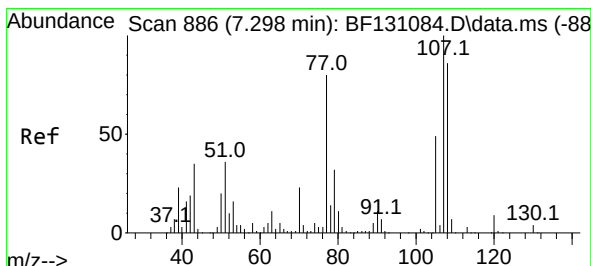
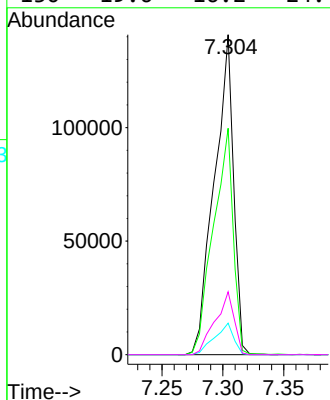
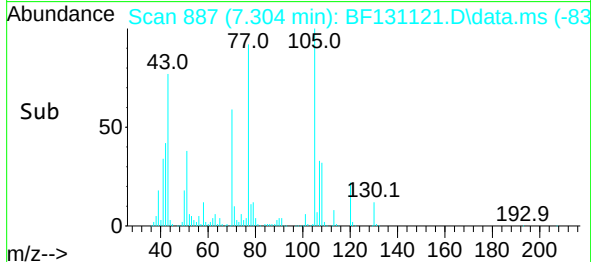
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion: 70 Resp: 15540
Ion Ratio Lower Upper
70 100
42 70.7 58.3 87.5
101 9.9 7.4 11.2
130 19.6 16.2 24.4

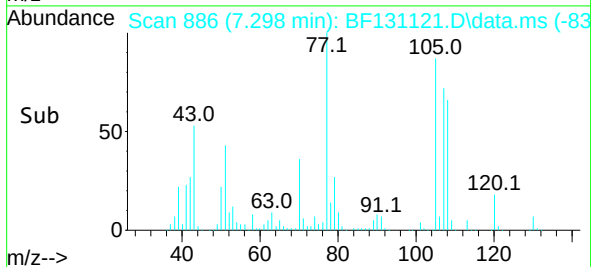
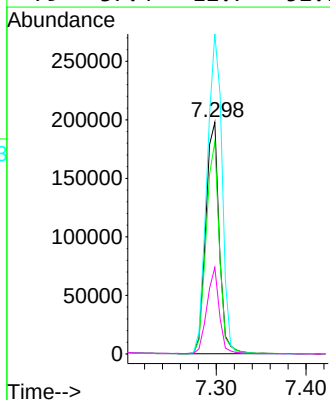
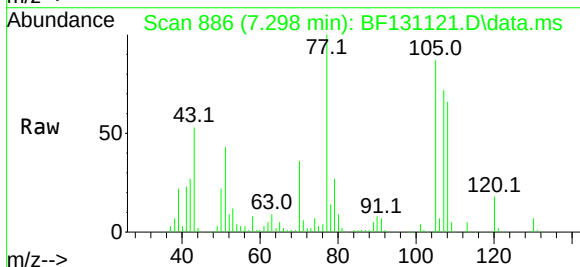
Manual Integrations
APPROVED

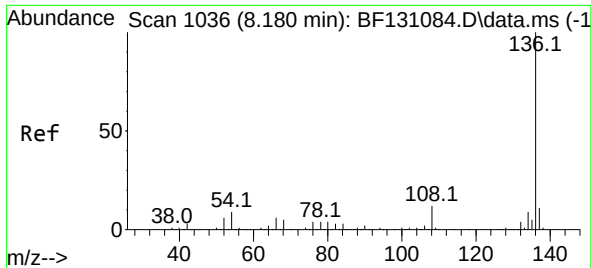
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#20
3+4-Methylphenols
Concen: 39.388 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

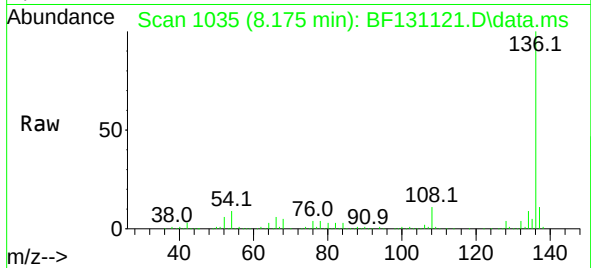
Tgt Ion:107 Resp: 206026
Ion Ratio Lower Upper
107 100
108 91.6 66.3 106.3
77 138.2 59.9 99.9#
79 37.4 12.7 52.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

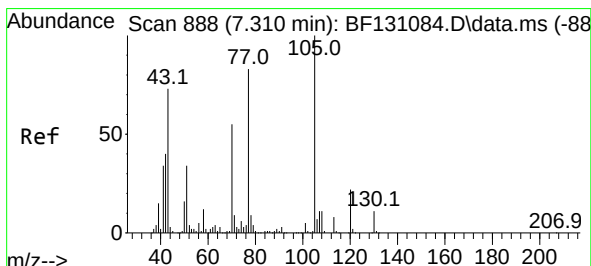
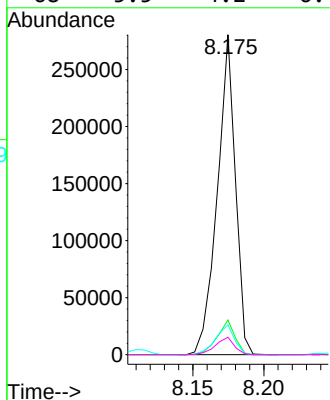
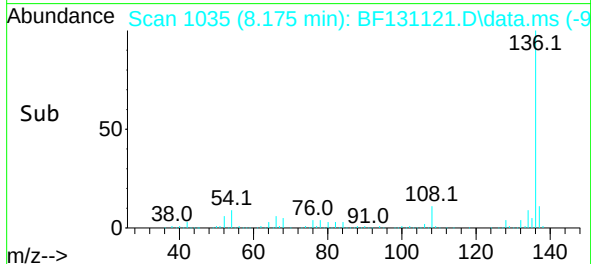
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



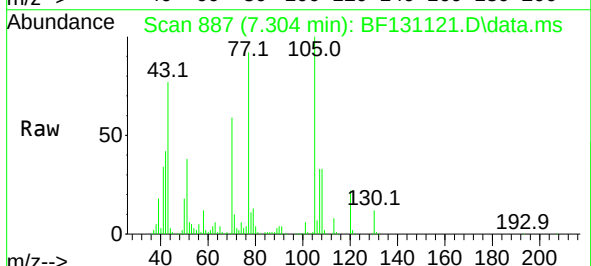
Tgt Ion:136 Resp: 248058
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 7.2 10.8
68 5.5 4.2 6.4

Manual Integrations
APPROVED

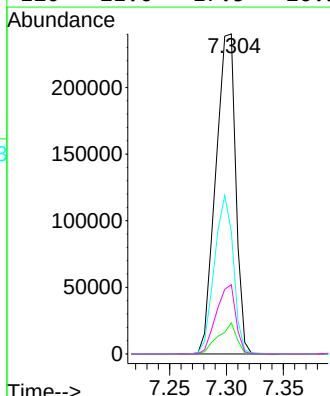
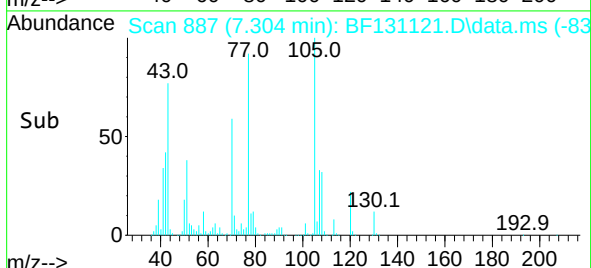
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

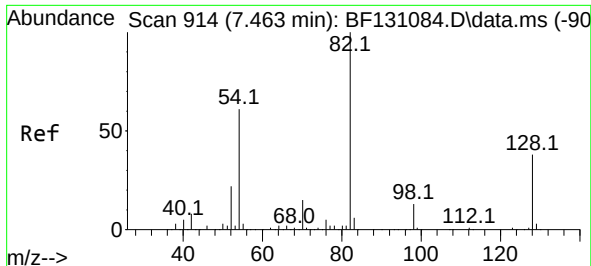


#22
Acetophenone
Concen: 47.444 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



Tgt Ion:105 Resp: 294520
Ion Ratio Lower Upper
105 100
71 9.7 7.0 10.4
51 38.3 27.0 40.6
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 73.656 ng

RT: 7.457 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

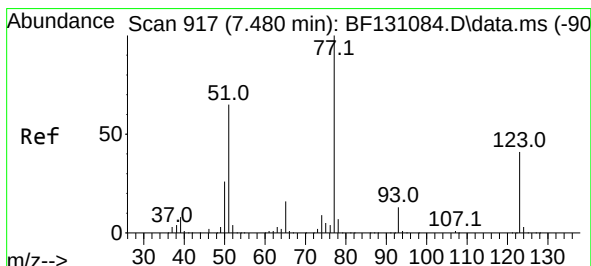
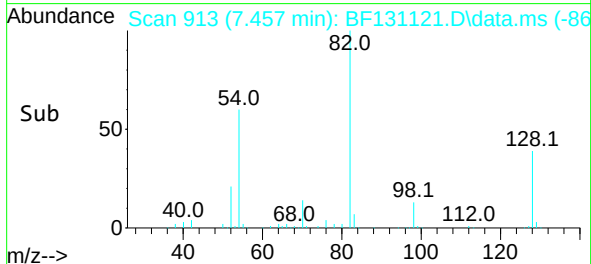
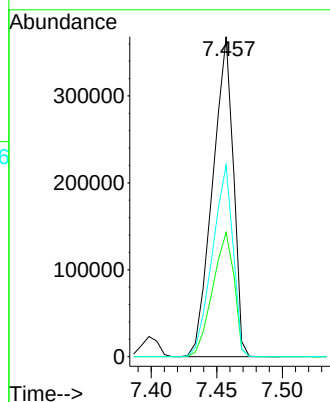
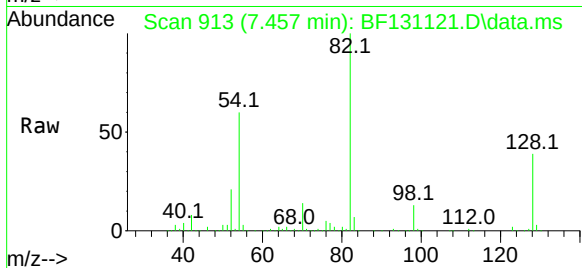
SB-16-20221028-10.5-11.5MS

Tgt Ion: 82 Resp: 404954
 Ion Ratio Lower Upper
 82 100
 128 38.8 30.5 45.7
 54 59.8 49.1 73.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 43.266 ng

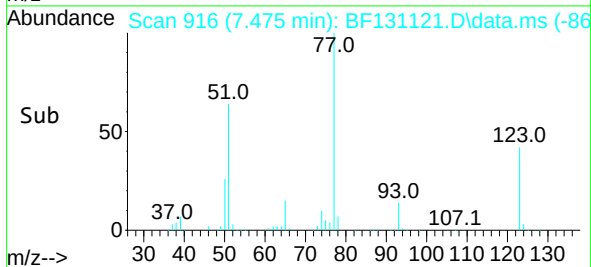
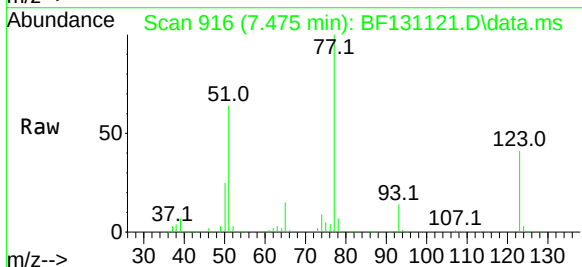
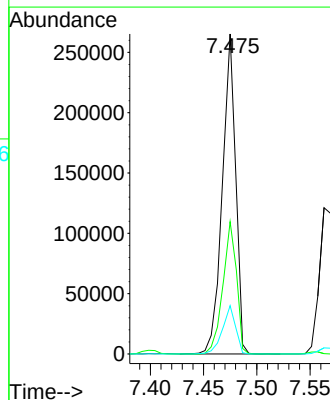
RT: 7.475 min Scan# 916

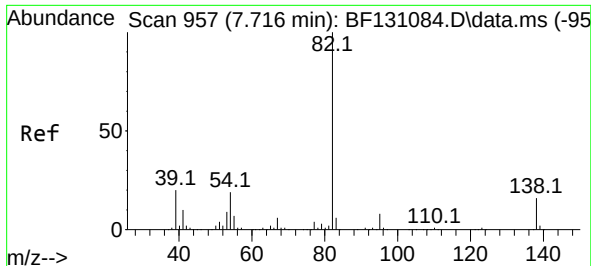
Delta R.T. -0.006 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

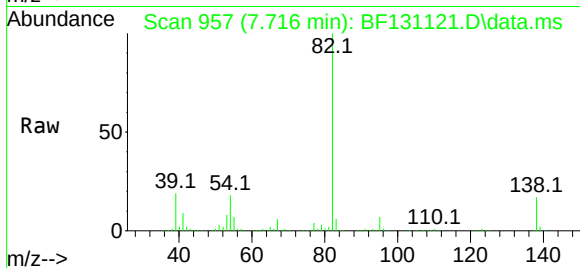
Tgt Ion: 77 Resp: 230423
 Ion Ratio Lower Upper
 77 100
 123 41.3 32.8 49.2
 65 15.1 12.4 18.6





#25
Isophorone
Concen: 54.882 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

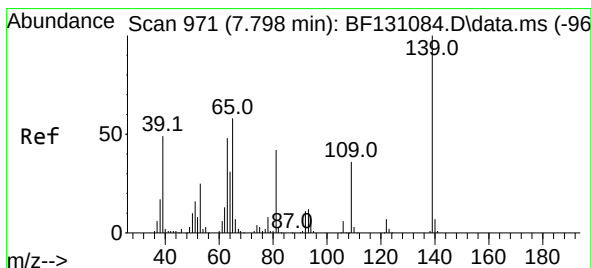
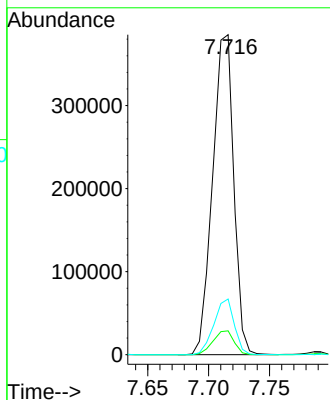
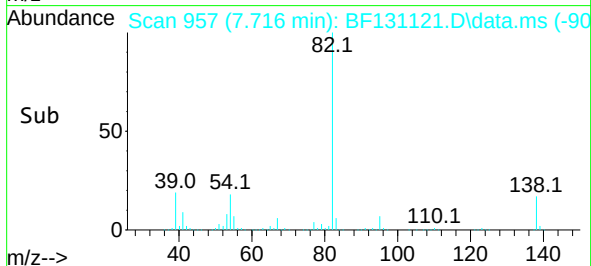
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion: 82 Resp: 466542
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 17.4 12.5 18.7

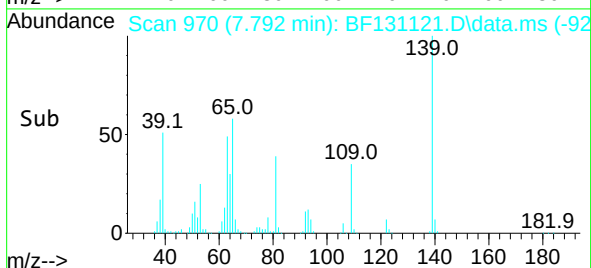
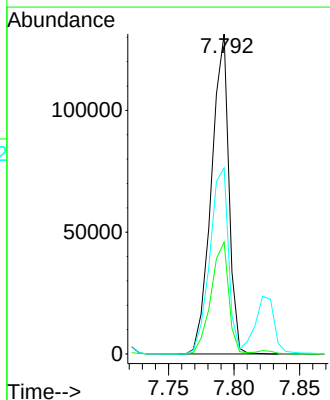
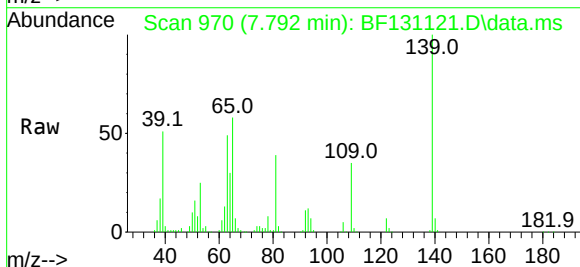
Manual Integrations
APPROVED

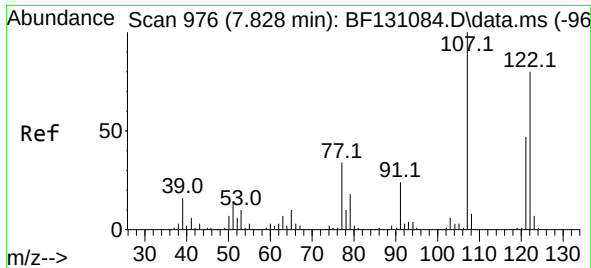
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#26
2-Nitrophenol
Concen: 51.476 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

Tgt Ion:139 Resp: 121643
Ion Ratio Lower Upper
139 100
109 34.9 28.6 43.0
65 58.2 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 57.991 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

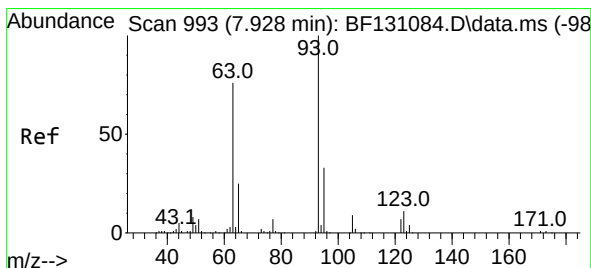
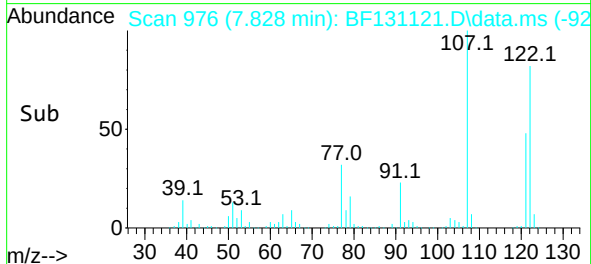
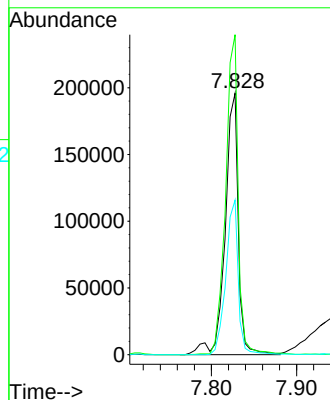
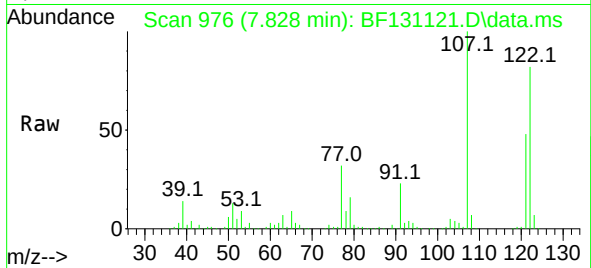
SB-16-20221028-10.5-11.5MS

Tgt Ion:122 Resp: 21015
 Ion Ratio Lower Upper
 122 100
 107 122.4 99.8 149.6
 121 59.1 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: 58.071 ng

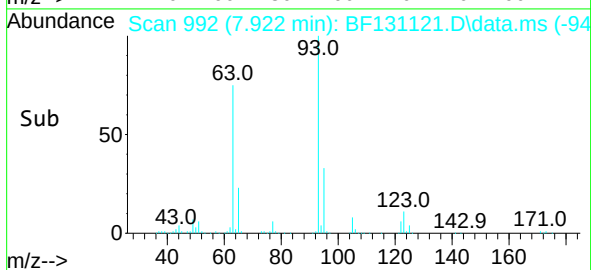
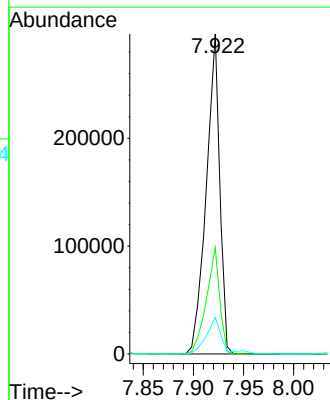
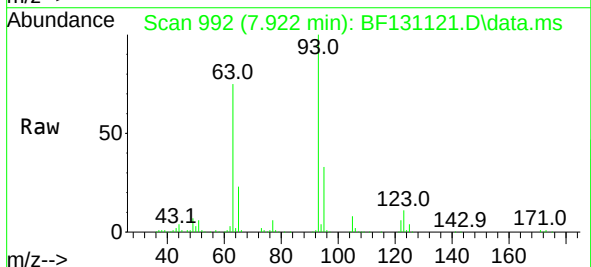
RT: 7.922 min Scan# 992

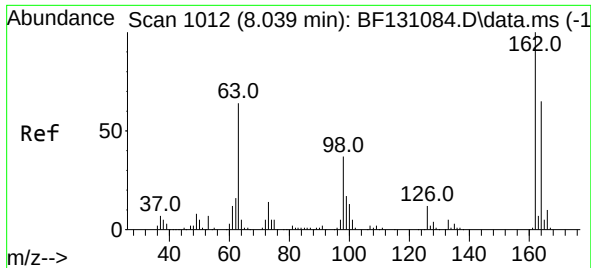
Delta R.T. -0.006 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

Tgt Ion: 93 Resp: 279763
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.146 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF131121.D

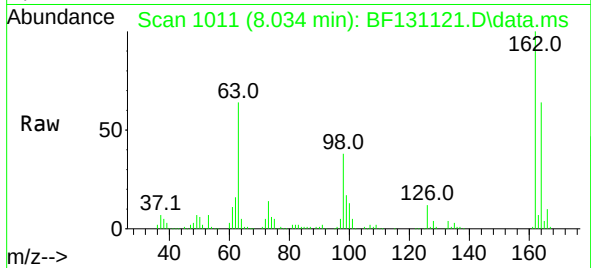
Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MS



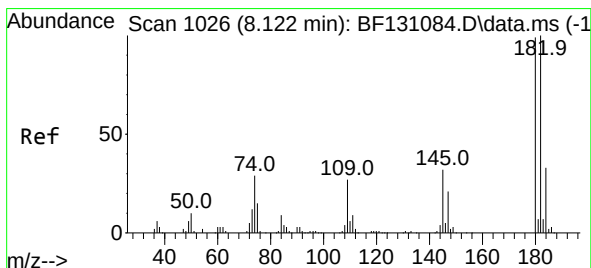
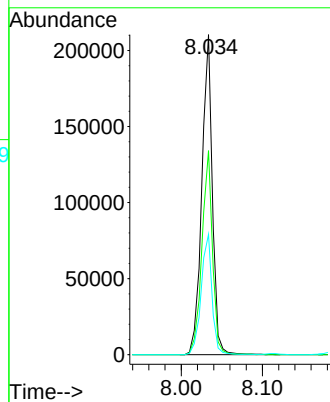
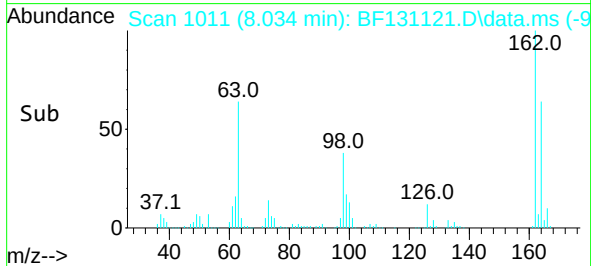
Tgt Ion:162	Resp: 190408
Ion Ratio	Lower Upper
162	100
164	63.7 45.0 85.0
98	37.6 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.050 ng

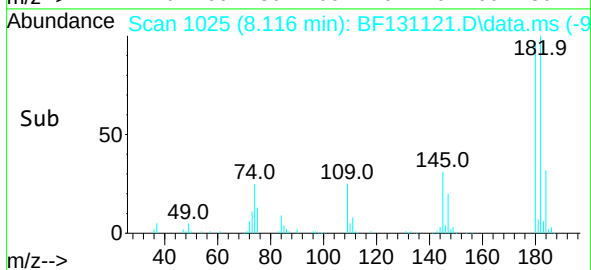
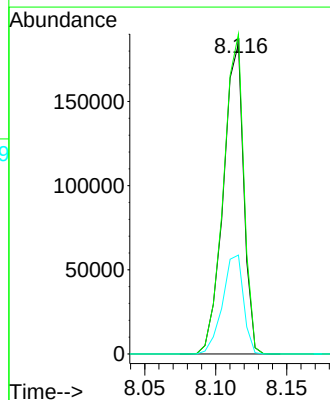
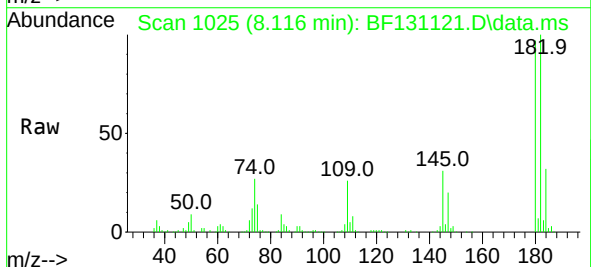
RT: 8.116 min Scan# 1025

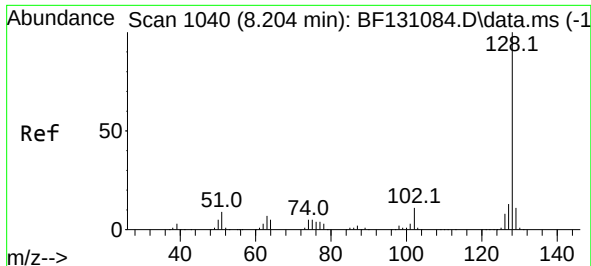
Delta R.T. -0.006 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

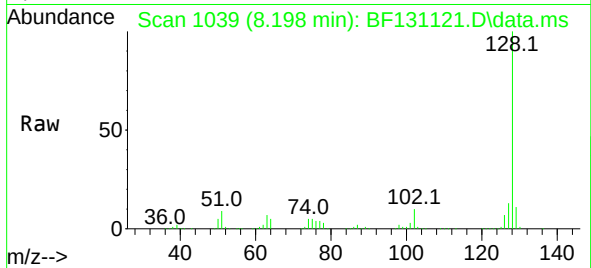
Tgt Ion:180	Resp: 184040
Ion Ratio	Lower Upper
180	100
182	103.2 81.0 121.4
145	31.9 26.2 39.2





#31
Naphthalene
Concen: 44.635 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

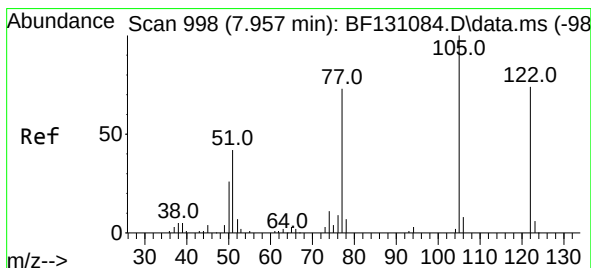
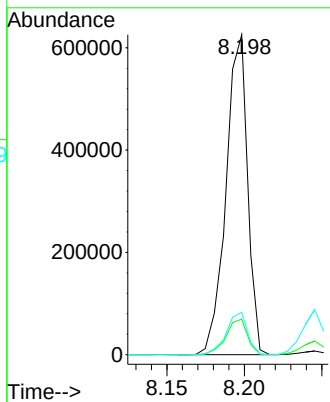
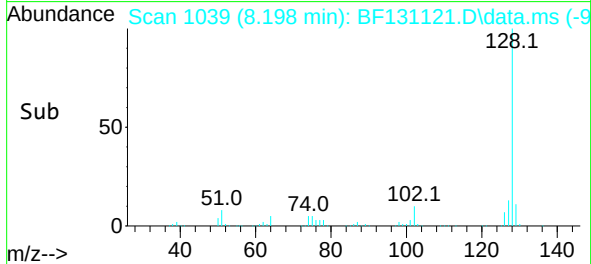
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:128 Resp: 604979
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.8 16.2

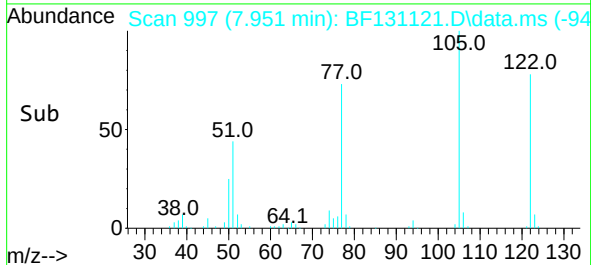
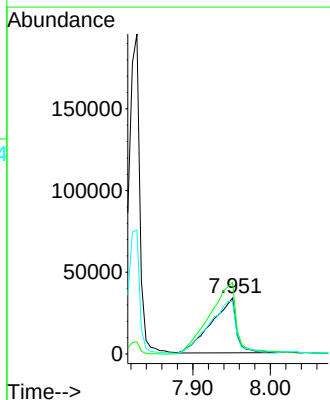
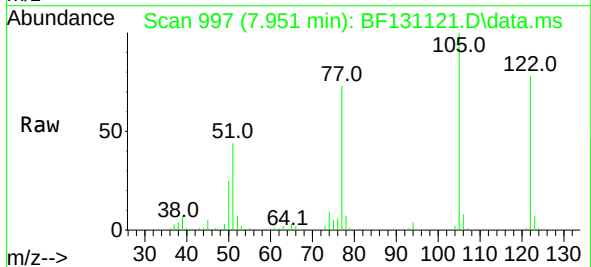
Manual Integrations
APPROVED

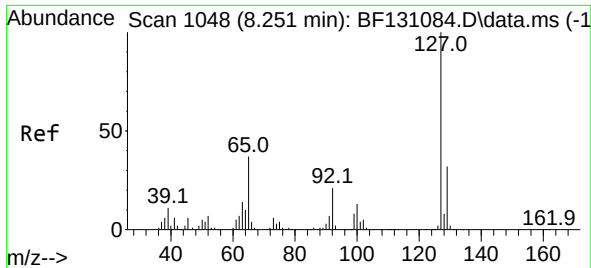
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#32
Benzoic acid
Concen: 32.234 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

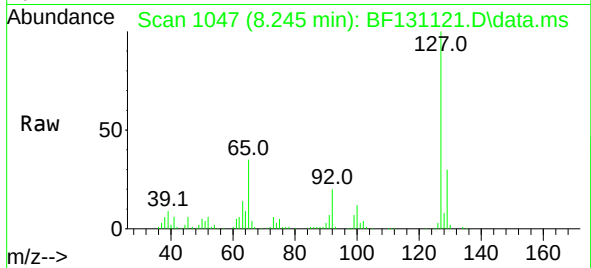
Tgt Ion:122 Resp: 76530
Ion Ratio Lower Upper
122 100
105 127.6 113.0 153.0
77 93.4 78.7 118.7





#33
4-Chloroaniline
Concen: 20.359 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

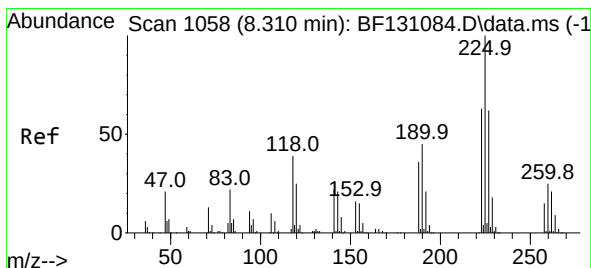
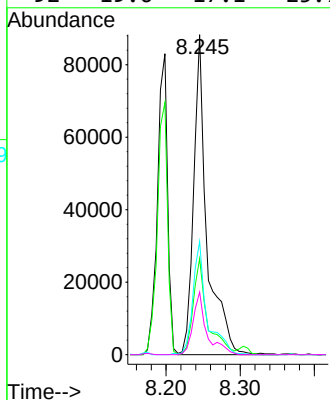
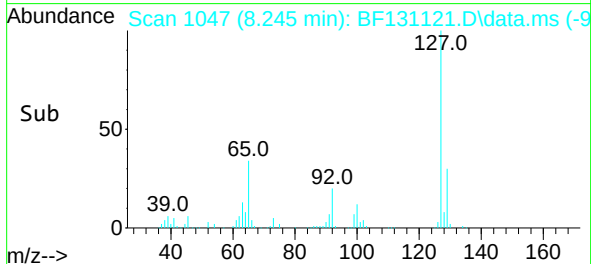
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:127 Resp: 110640
Ion Ratio Lower Upper
127 100
129 30.1 25.8 38.6
65 35.4 29.6 44.4
92 19.6 17.1 25.7

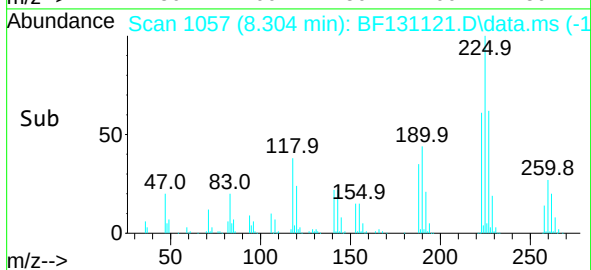
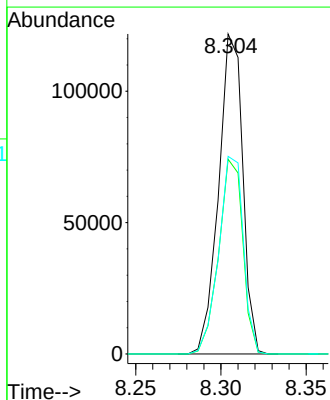
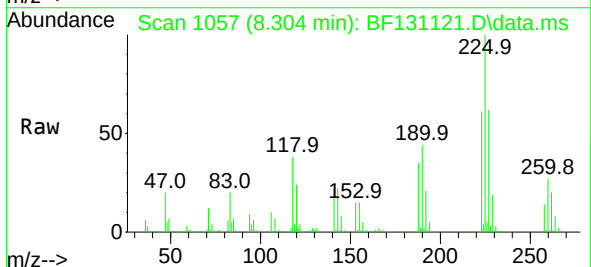
Manual Integrations
APPROVED

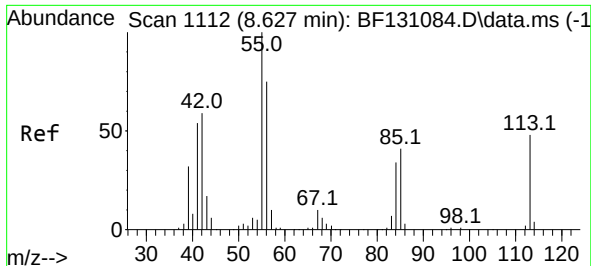
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#34
Hexachlorobutadiene
Concen: 41.960 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

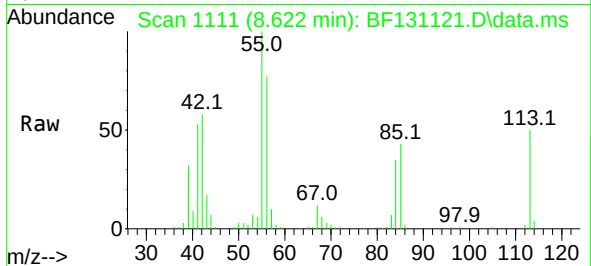
Tgt Ion:225 Resp: 119785
Ion Ratio Lower Upper
225 100
223 60.9 50.2 75.2
227 61.7 49.9 74.9





#35
Caprolactam
Concen: 40.832 ng m
RT: 8.622 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

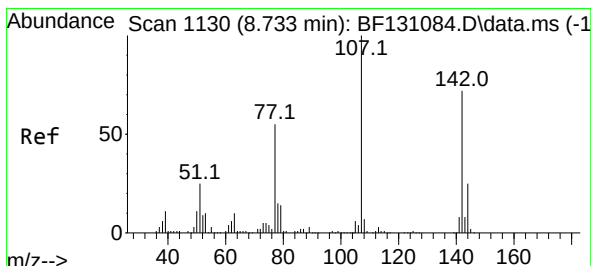
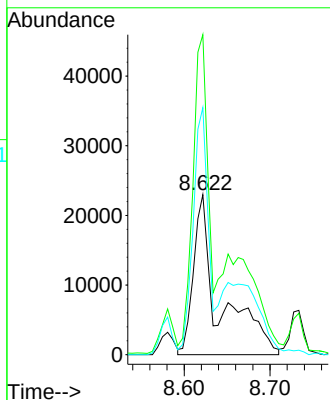
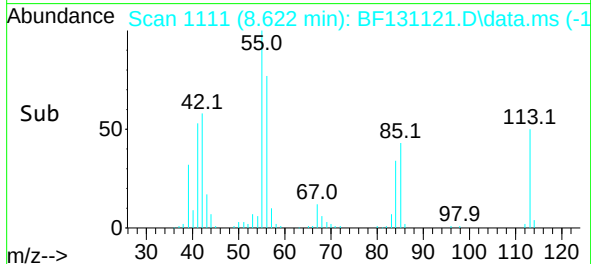
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:113 Resp: 48490
Ion Ratio Lower Upper
113 100
55 199.9 189.1 229.1
56 154.3 137.1 177.1

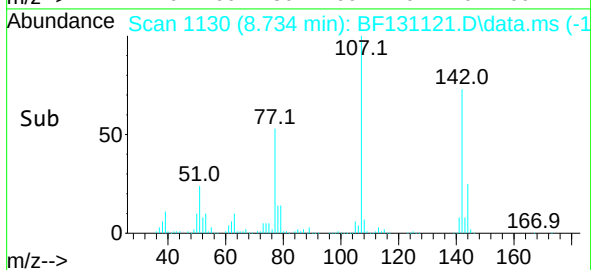
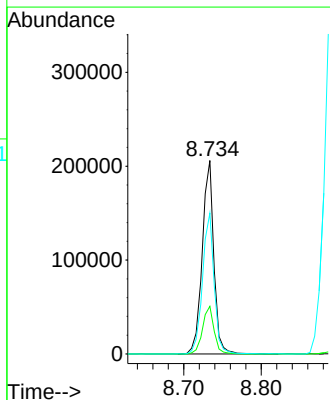
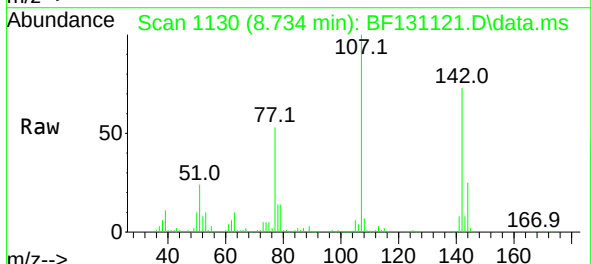
Manual Integrations
APPROVED

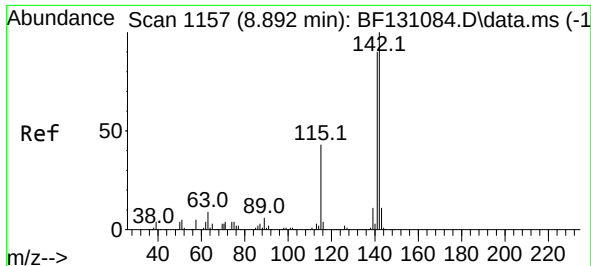
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#36
4-Chloro-3-methylphenol
Concen: 49.956 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

Tgt Ion:107 Resp: 214183
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 72.9 57.6 86.4





#37

2-Methylnaphthalene

Concen: 42.206 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MS

Tgt Ion:142 Resp: 36876

Ion Ratio Lower Upper

142 100

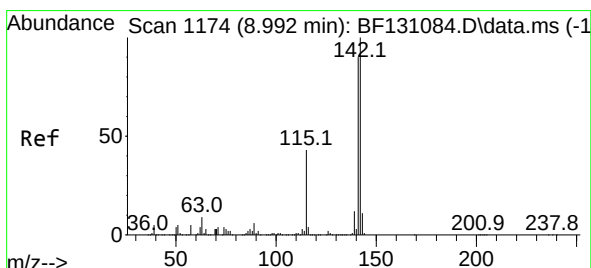
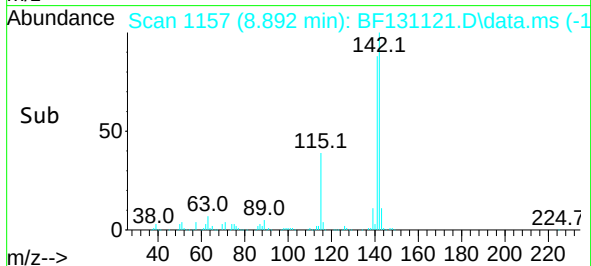
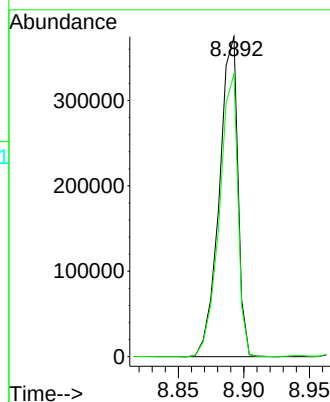
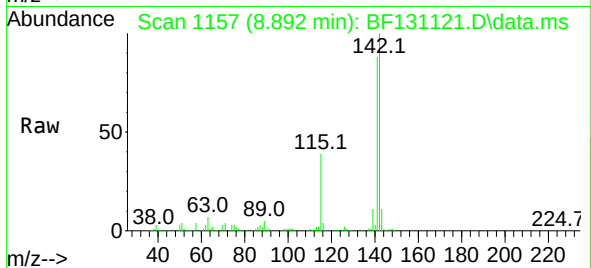
141 88.2 72.0 108.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#38

1-Methylnaphthalene

Concen: 39.629 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131121.D

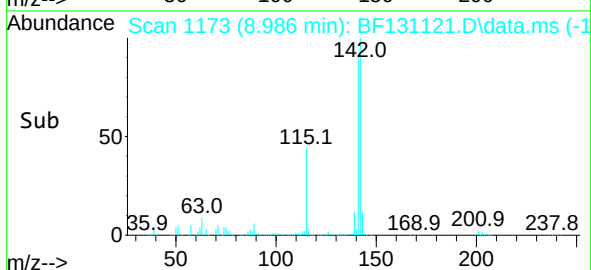
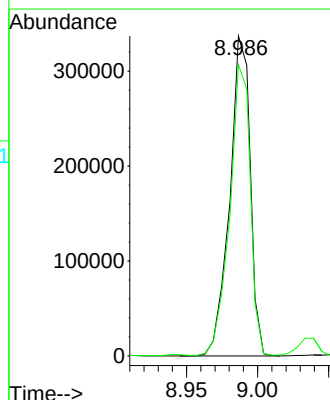
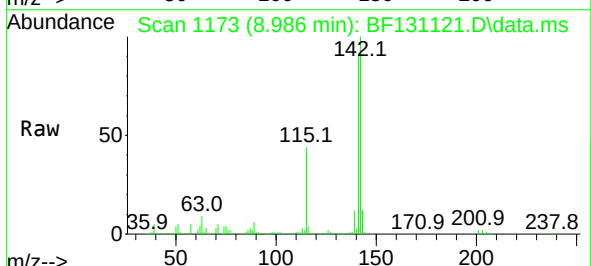
Acq: 10 Nov 2022 13:56

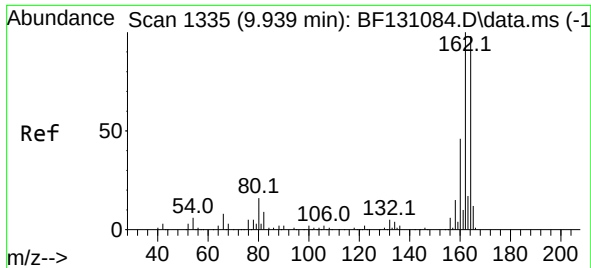
Tgt Ion:142 Resp: 339090

Ion Ratio Lower Upper

142 100

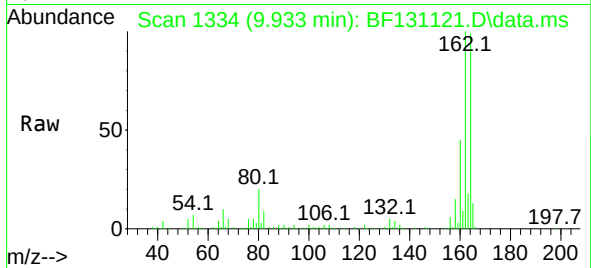
141 91.0 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

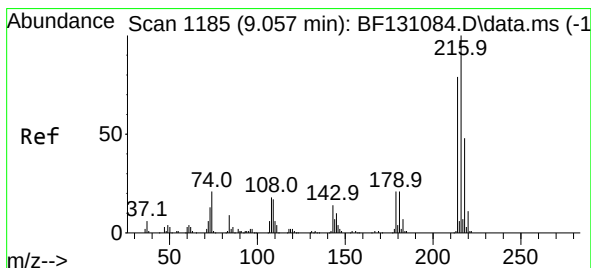
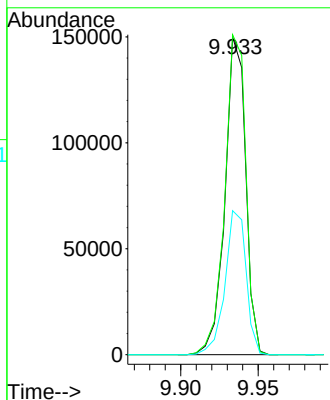
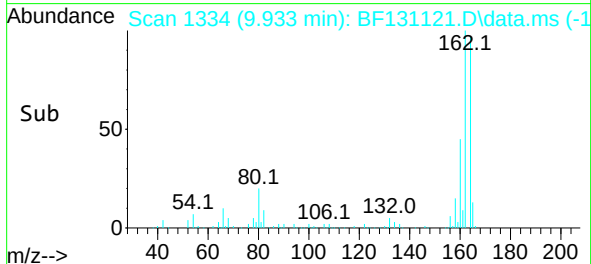
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:164 Resp: 13885
Ion Ratio Lower Upper
164 100
162 100.7 81.7 122.5
160 45.3 37.4 56.2

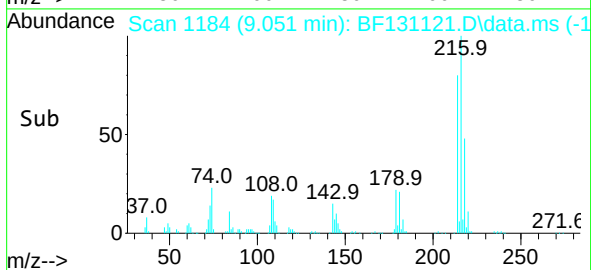
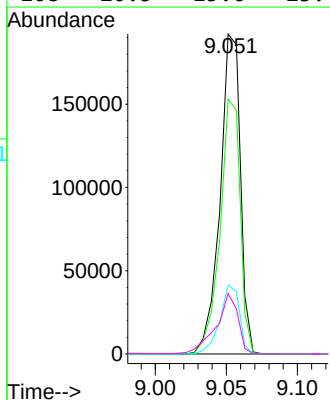
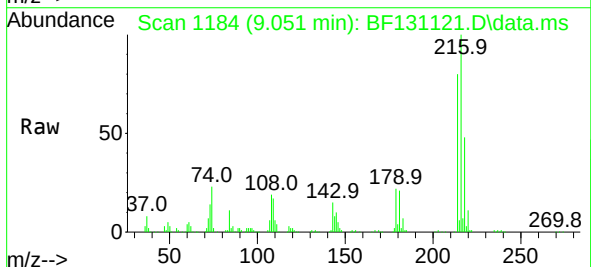
Manual Integrations
APPROVED

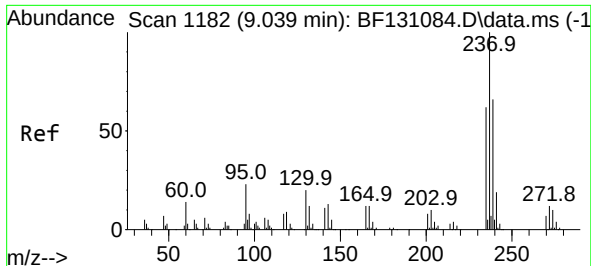
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.043 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

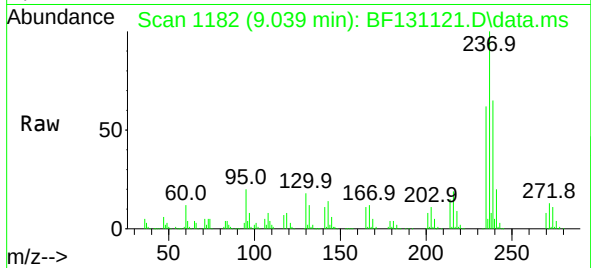
Tgt Ion:216 Resp: 190630
Ion Ratio Lower Upper
216 100
214 79.1 62.5 93.7
179 20.9 16.7 25.1
108 20.5 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 87.170 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

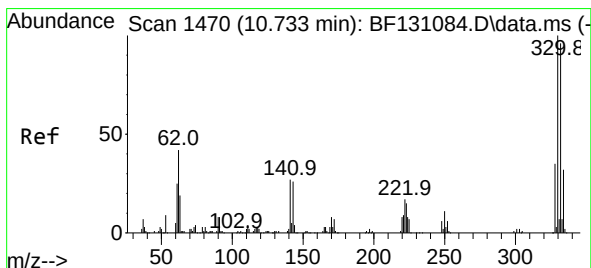
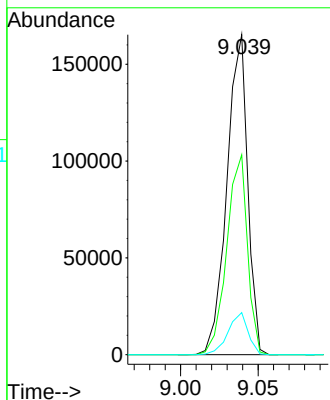
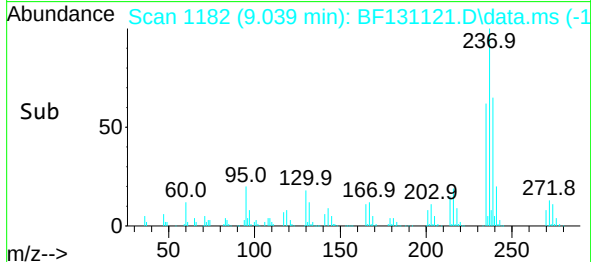
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



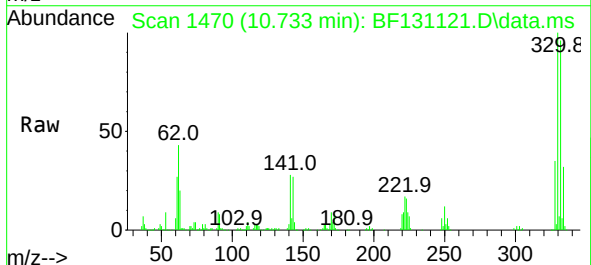
Tgt Ion:237 Resp: 154214
Ion Ratio Lower Upper
237 100
235 62.5 42.4 82.4
272 13.2 0.0 32.4

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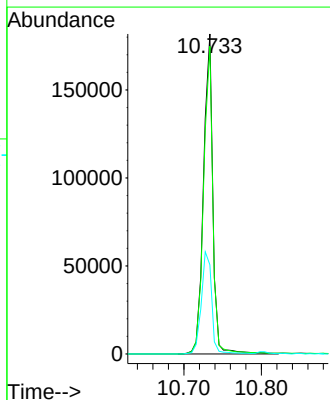
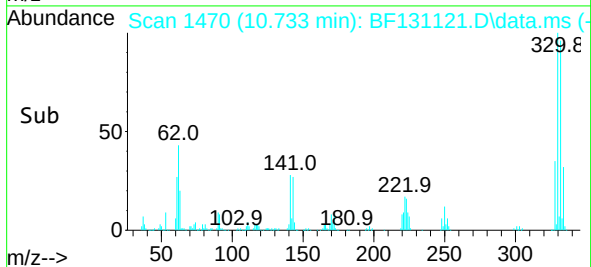
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

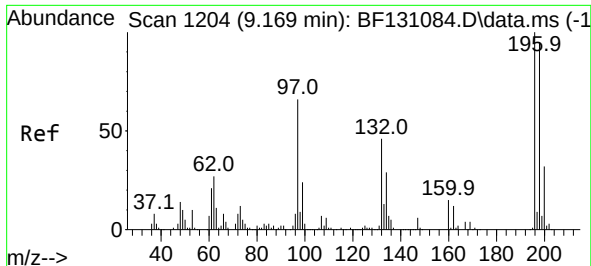


#42
2,4,6-Tribromophenol
Concen: 105.898 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



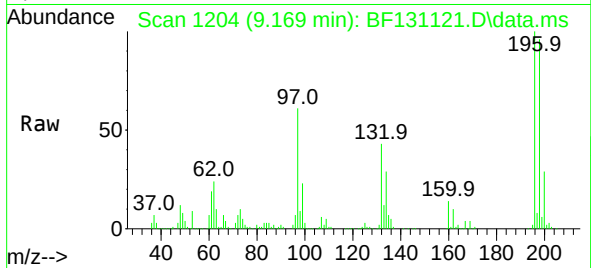
Tgt Ion:330 Resp: 151962
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 35.6 28.5 42.7





#43
2,4,6-Trichlorophenol
Concen: 42.708 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

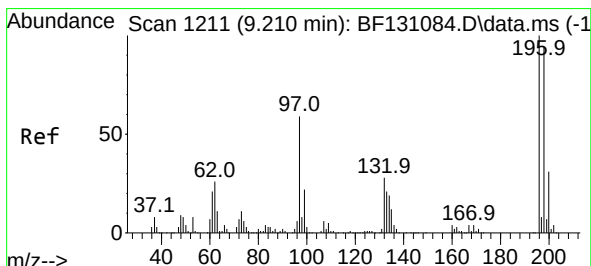
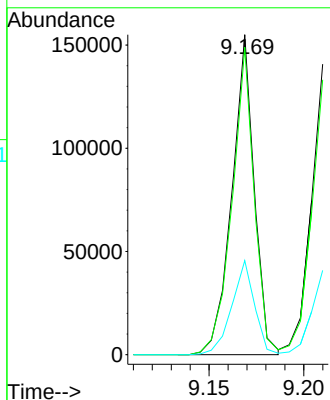
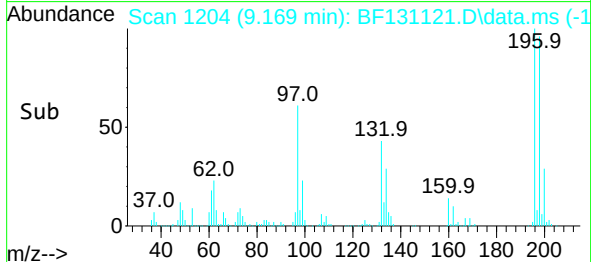
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



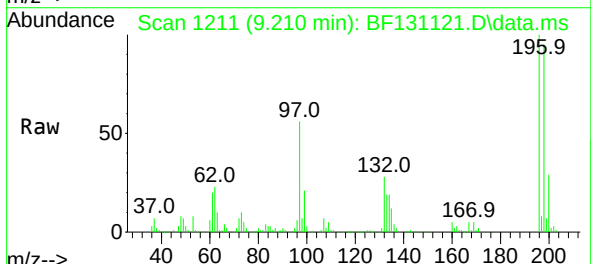
Tgt Ion:196 Resp: 127082
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.4
200 29.4 25.3 37.9

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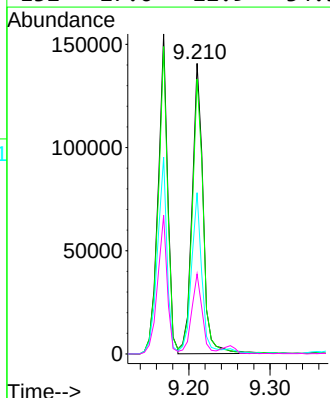
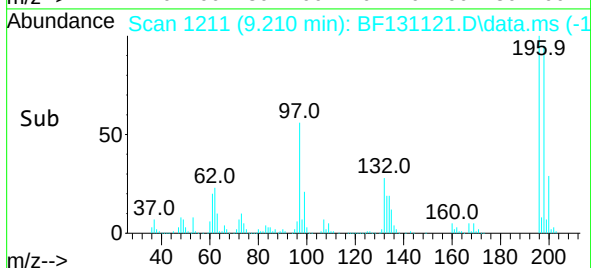
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

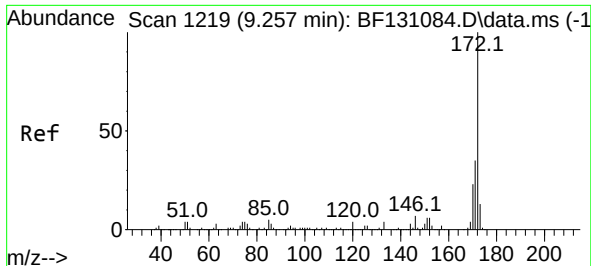


#44
2,4,5-Trichlorophenol
Concen: 40.081 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



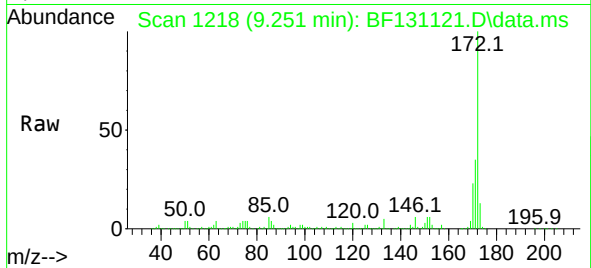
Tgt Ion:196 Resp: 133437
Ion Ratio Lower Upper
196 100
198 94.6 75.7 113.5
97 55.5 47.5 71.3
132 27.6 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 76.535 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

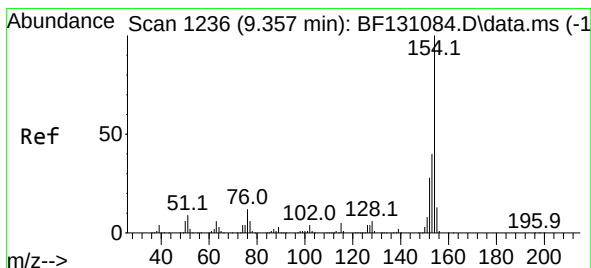
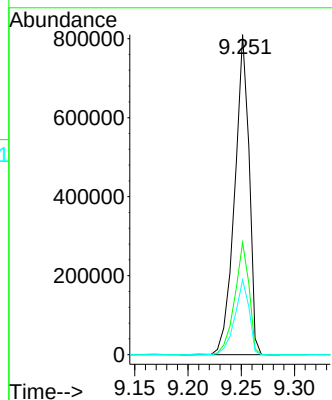
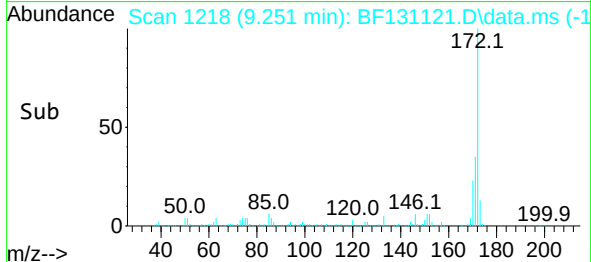
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



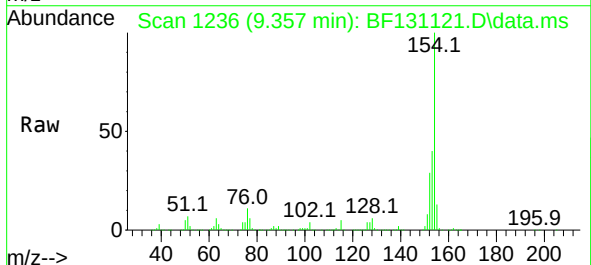
Tgt Ion:172 Resp: 76126
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.4 18.8 28.2

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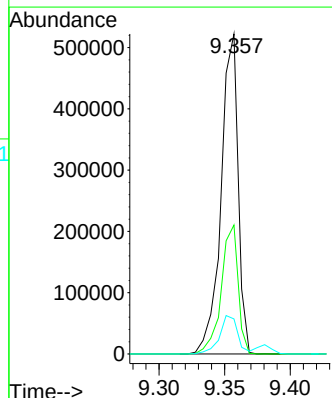
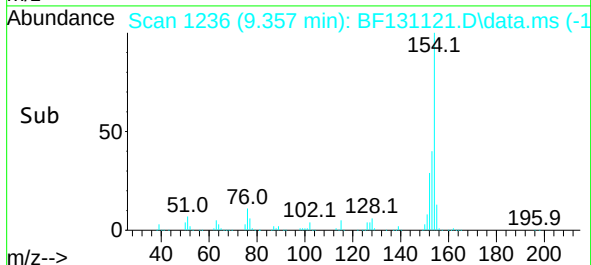
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

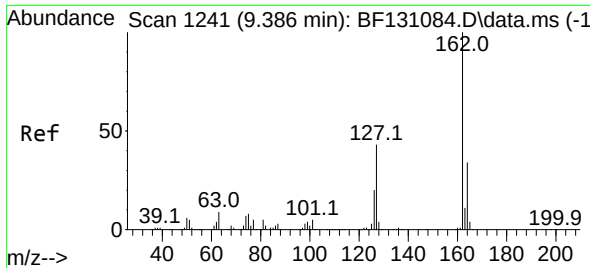


#46
1,1'-Biphenyl
Concen: 43.883 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



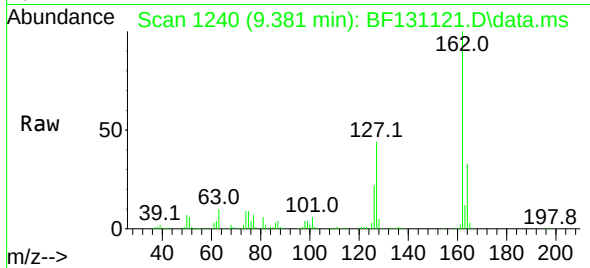
Tgt Ion:154 Resp: 471118
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 11.0 0.0 32.5





#47
2-Chloronaphthalene
Concen: 41.858 ng
RT: 9.381 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

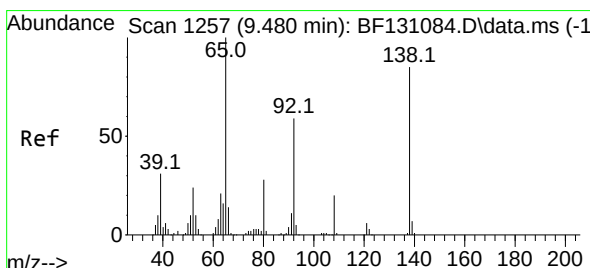
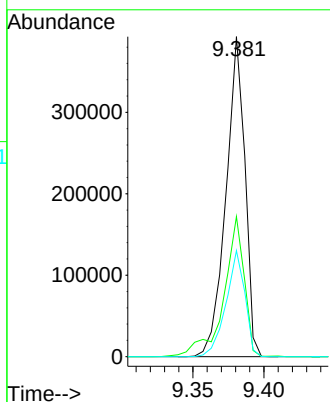
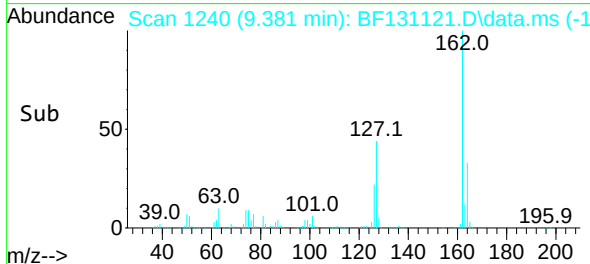
Instrument : BNA_F
ClientSampleId : SB-16-20221028-10.5-11.5MS



Tgt Ion: 162 Resp: 364650
Ion Ratio Lower Upper
162 100
127 43.8 34.4 51.6
164 33.2 26.9 40.3

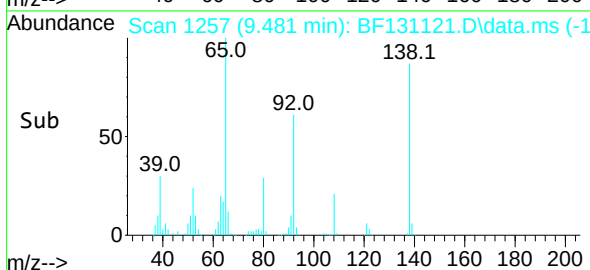
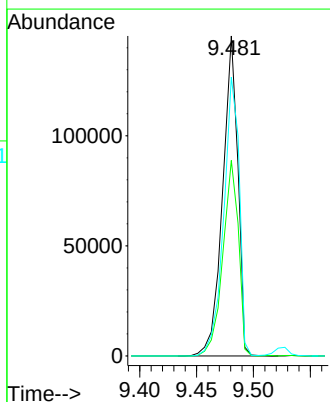
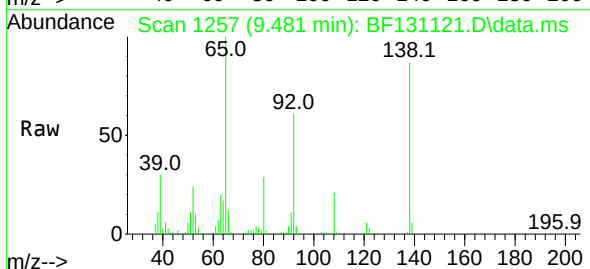
Manual Integrations
APPROVED

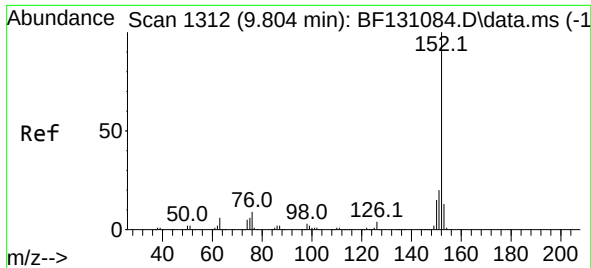
Reviewed By : Christian Giraldo 11/11/2022
Supervised By : Jagrut Upadhyay 11/11/2022



#48
2-Nitroaniline
Concen: 42.656 ng
RT: 9.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

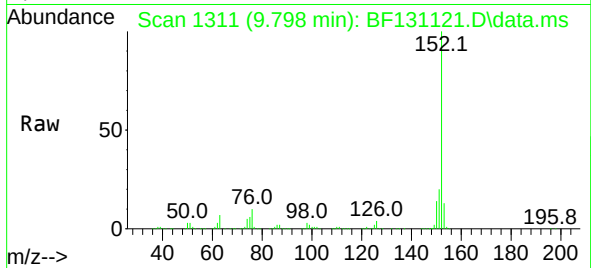
Tgt Ion: 65 Resp: 135249
Ion Ratio Lower Upper
65 100
92 61.1 47.5 71.3
138 87.2 67.8 101.8





#49
Acenaphthylene
Concen: 47.076 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

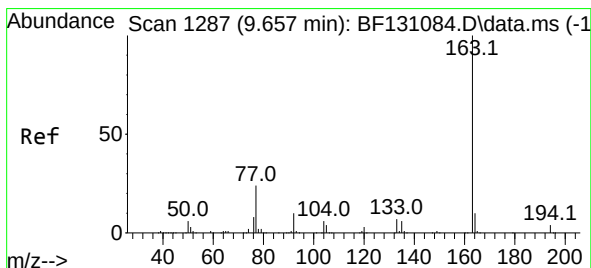
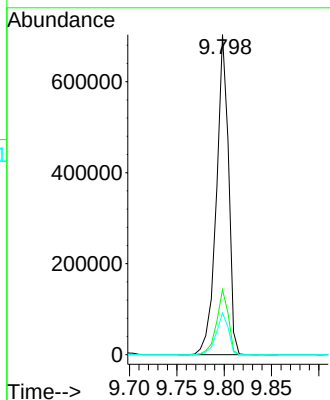
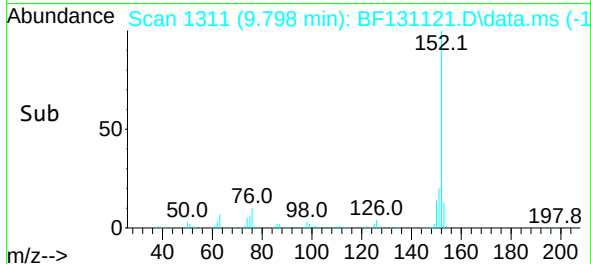
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



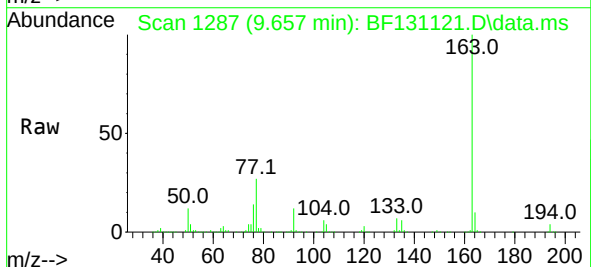
Tgt Ion:152 Resp: 626670
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.1 10.2 15.4

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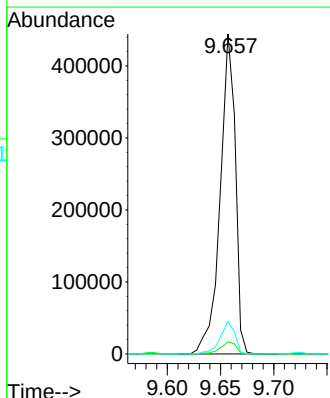
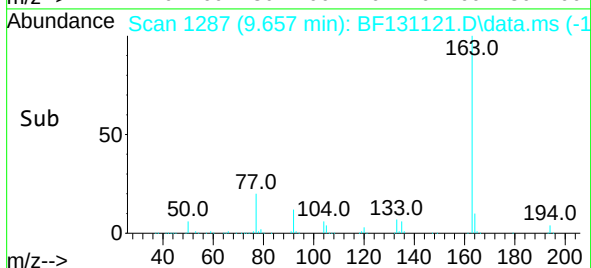
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

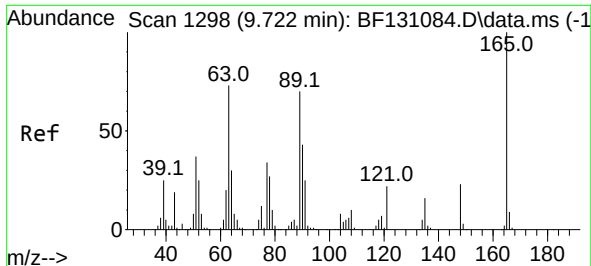


#50
Dimethylphthalate
Concen: 44.406 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



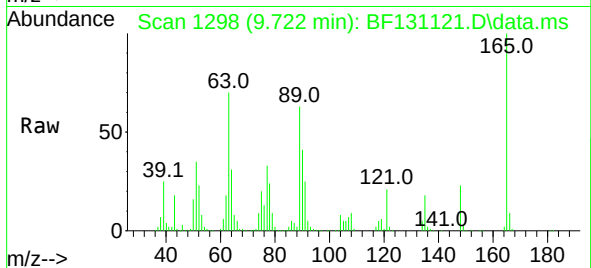
Tgt Ion:163 Resp: 438597
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.211 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

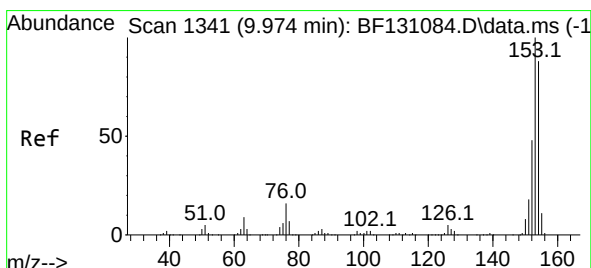
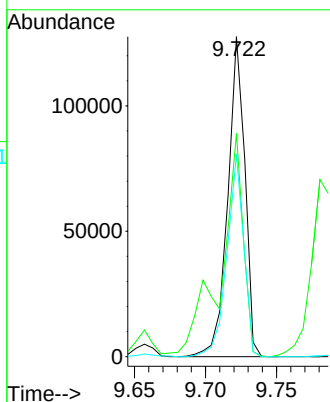
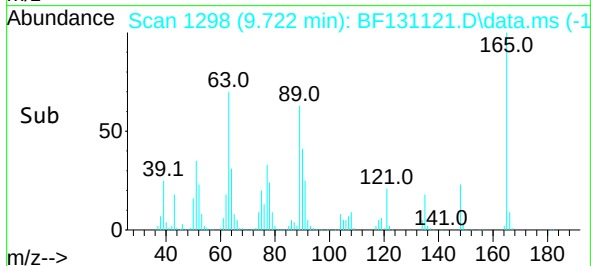
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:165 Resp: 106817
Ion Ratio Lower Upper
165 100
63 69.7 61.4 92.2
89 63.2 56.0 84.0

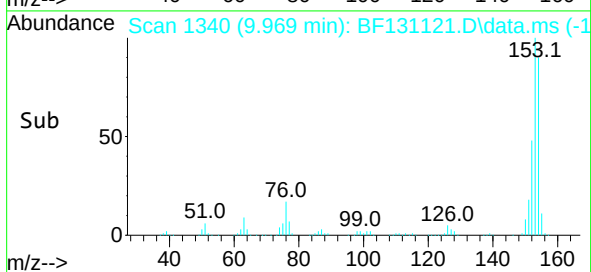
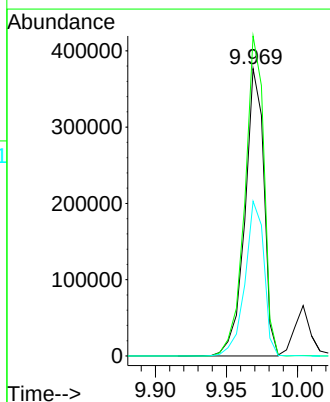
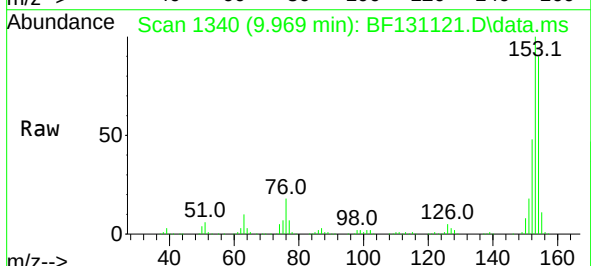
Manual Integrations
APPROVED

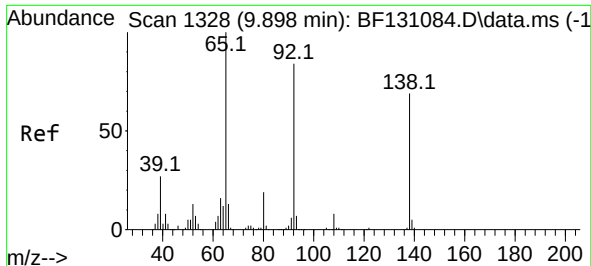
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#52
Acenaphthene
Concen: 44.068 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

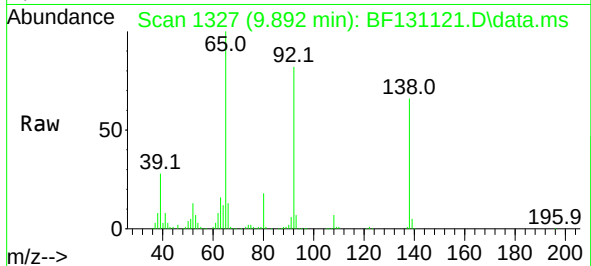
Tgt Ion:154 Resp: 349930
Ion Ratio Lower Upper
154 100
153 111.3 90.8 136.2
152 53.8 43.4 65.2





#53
3-Nitroaniline
Concen: 23.875 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

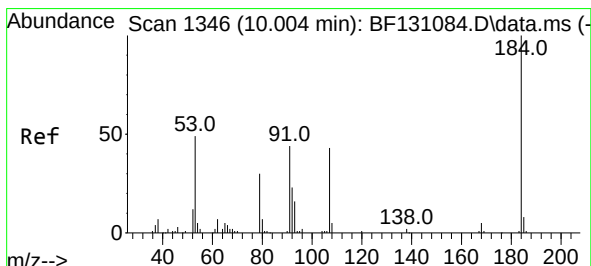
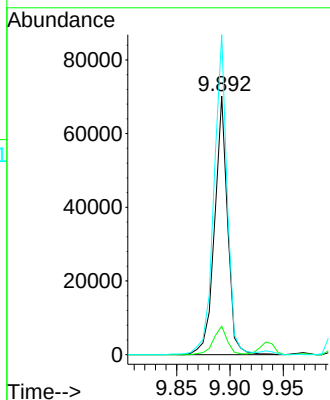
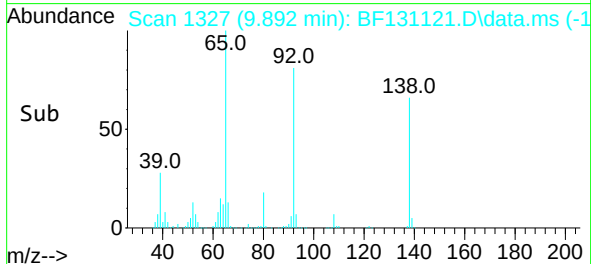
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:138 Resp: 59248
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 123.8 96.6 145.0

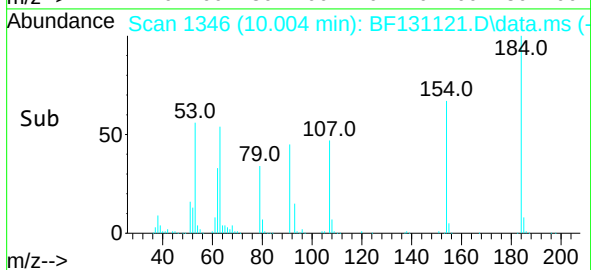
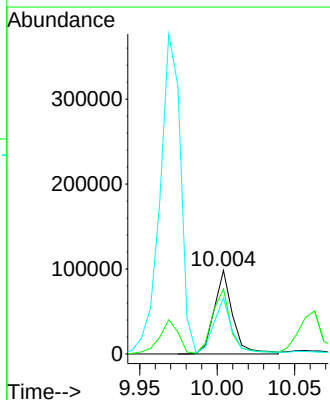
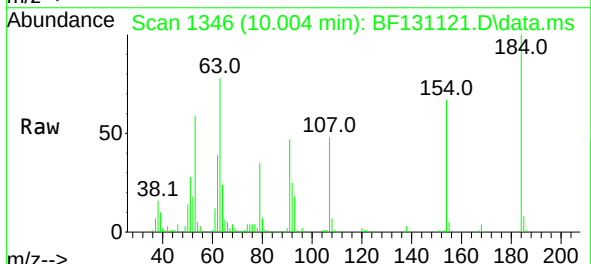
Manual Integrations
APPROVED

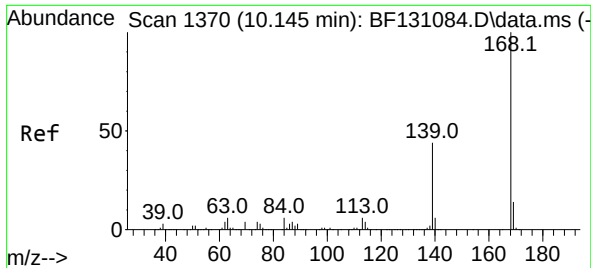
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#54
2,4-Dinitrophenol
Concen: 71.724 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

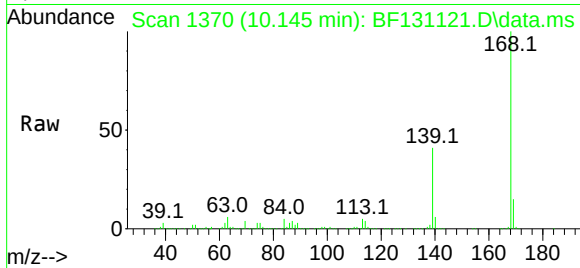
Tgt Ion:184 Resp: 81716
Ion Ratio Lower Upper
184 100
63 78.0 53.3 79.9
154 67.2 55.5 83.3





#55
Dibenzofuran
Concen: 44.885 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

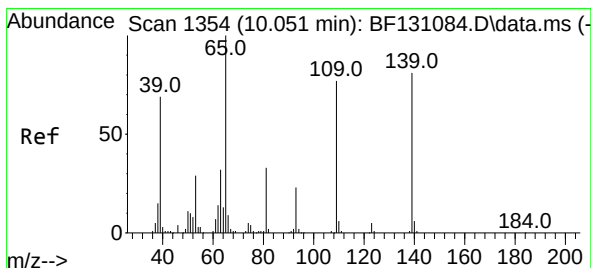
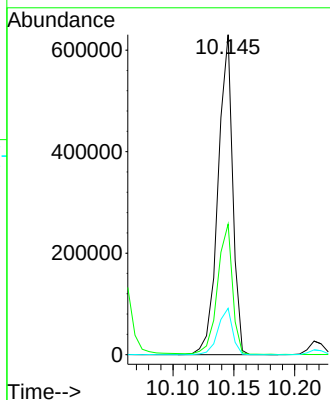
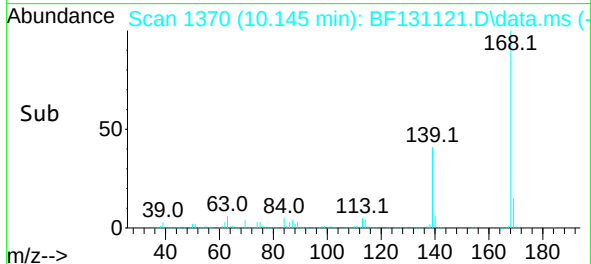
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



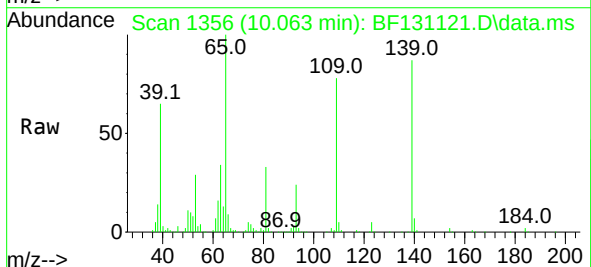
Tgt Ion:168 Resp: 52782
Ion Ratio Lower Upper
168 100
139 40.8 35.0 52.4
169 14.5 11.2 16.8

Manual Integrations
APPROVED

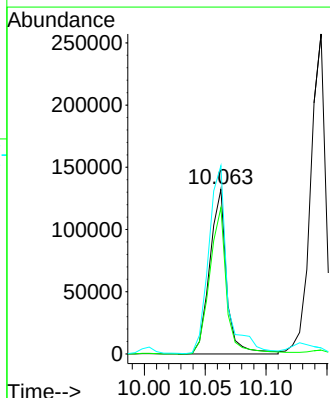
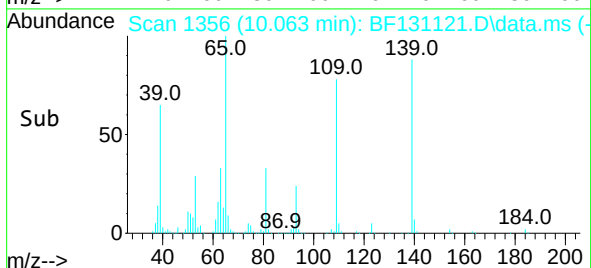
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

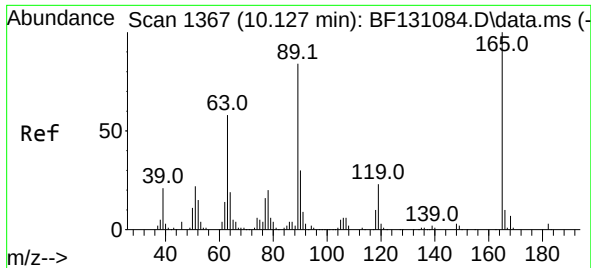


#56
4-Nitrophenol
Concen: 77.403 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



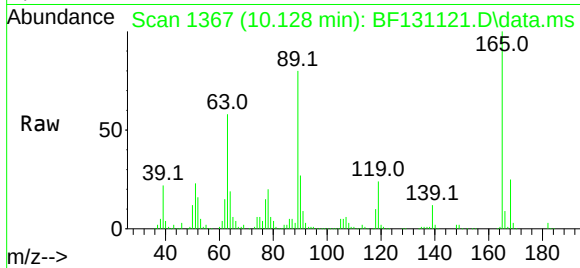
Tgt Ion:139 Resp: 127847
Ion Ratio Lower Upper
139 100
109 88.9 75.5 115.5
65 114.3 104.5 144.5





#57
2,4-Dinitrotoluene
Concen: 45.365 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

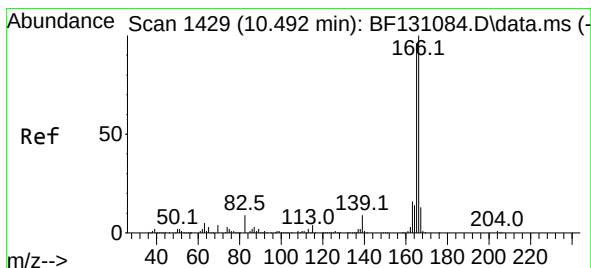
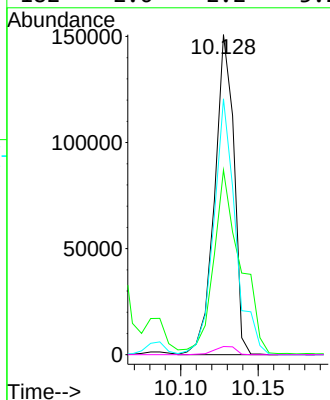
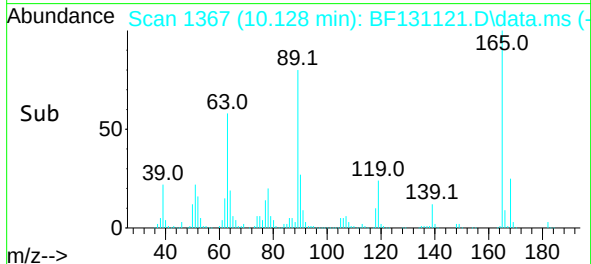
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:165 Resp: 130898
Ion Ratio Lower Upper
165 100
63 57.7 46.9 70.3
89 79.9 66.9 100.3
182 2.6 2.2 3.2

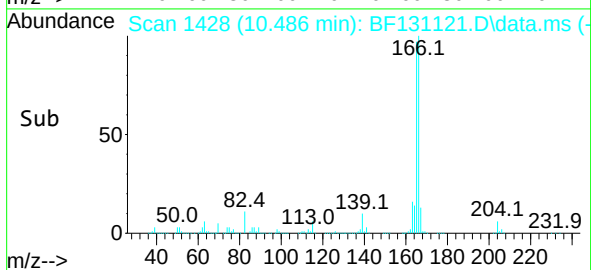
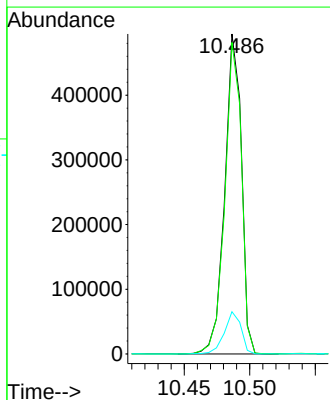
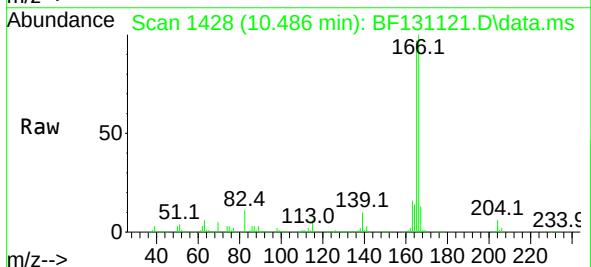
Manual Integrations
APPROVED

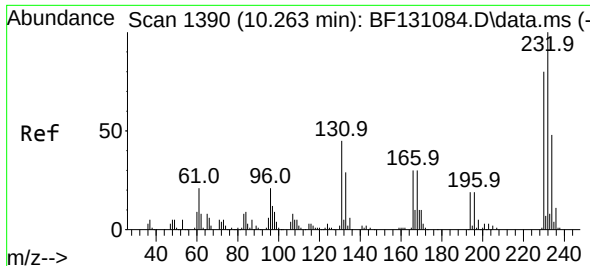
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#58
Fluorene
Concen: 45.723 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

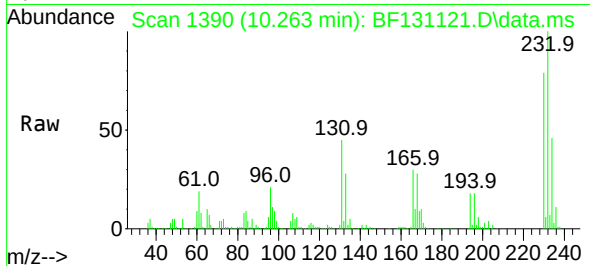
Tgt Ion:166 Resp: 436701
Ion Ratio Lower Upper
166 100
165 97.4 77.2 115.8
167 13.2 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.776 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

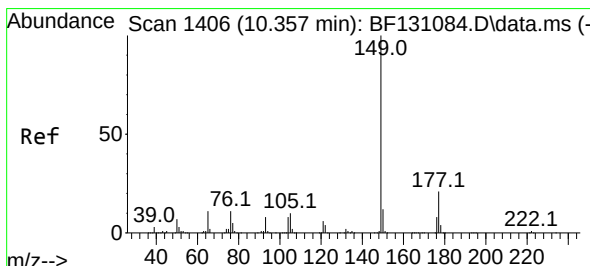
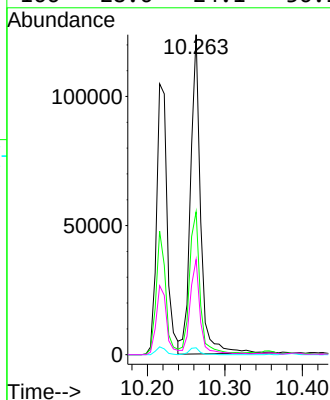
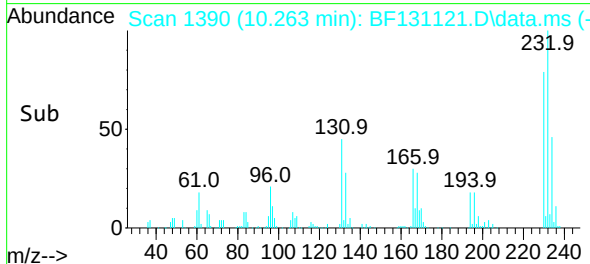
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:232 Resp: 112064
Ion Ratio Lower Upper
232 100
131 45.7 36.2 54.2
130 2.3 1.9 2.9
166 28.6 24.1 36.1

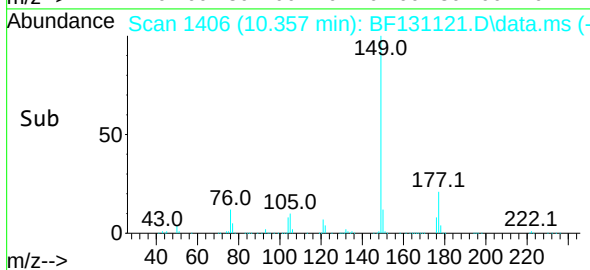
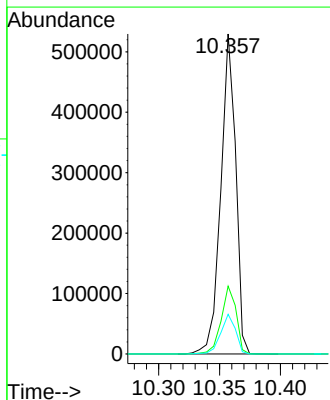
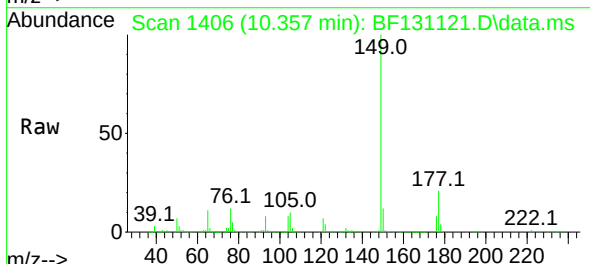
Manual Integrations
APPROVED

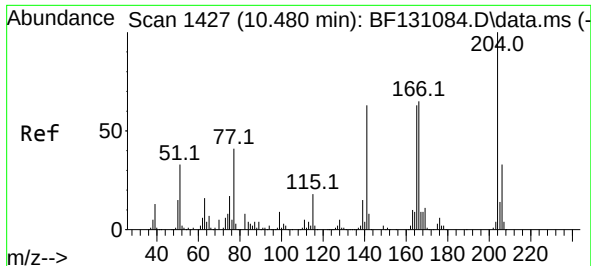
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#60
Diethylphthalate
Concen: 47.472 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

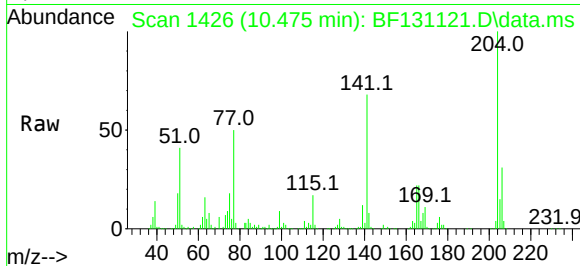
Tgt Ion:149 Resp: 451563
Ion Ratio Lower Upper
149 100
177 21.2 17.2 25.8
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 47.840 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.005 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

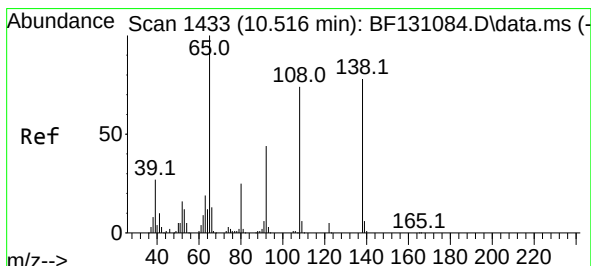
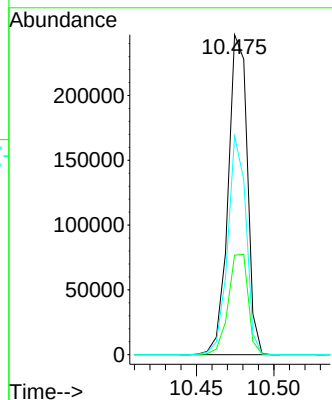
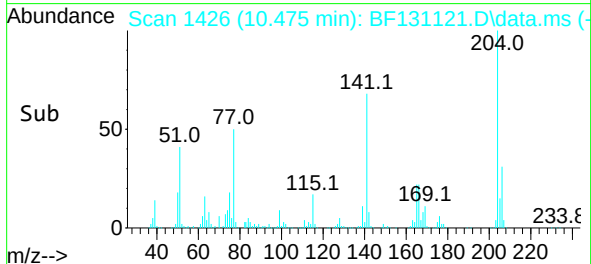
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:204 Resp: 212640
Ion Ratio Lower Upper
204 100
206 31.1 26.6 39.8
141 68.3 50.6 75.8

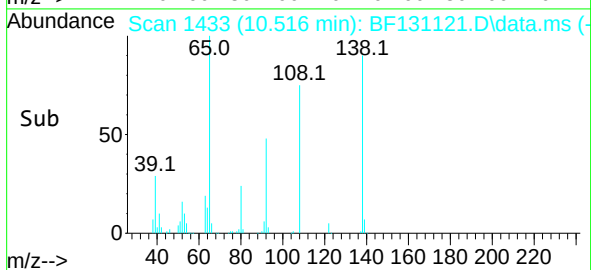
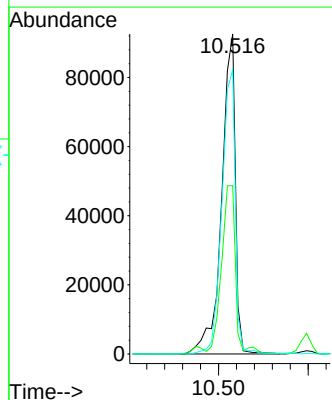
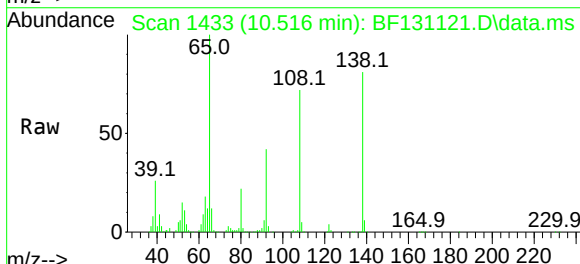
Manual Integrations
APPROVED

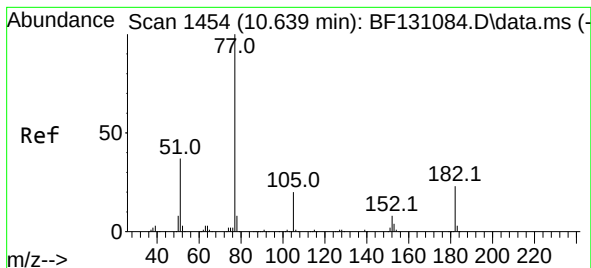
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#62
4-Nitroaniline
Concen: 39.125 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

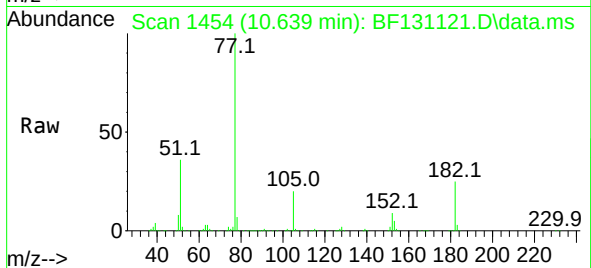
Tgt Ion:138 Resp: 98119
Ion Ratio Lower Upper
138 100
92 52.6 36.0 76.0
108 88.9 75.3 115.3





#63
Azobenzene
Concen: 42.996 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

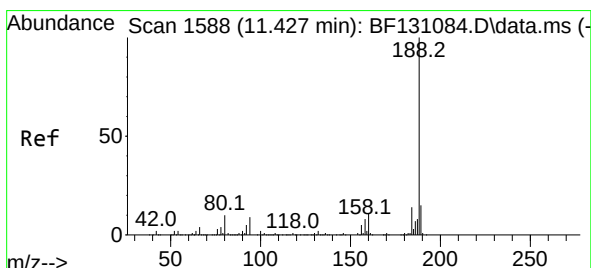
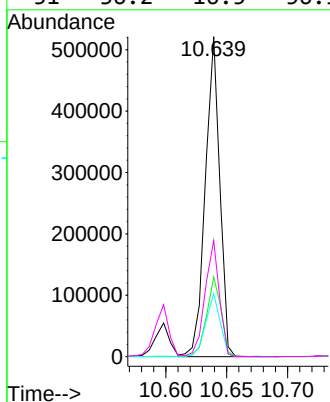
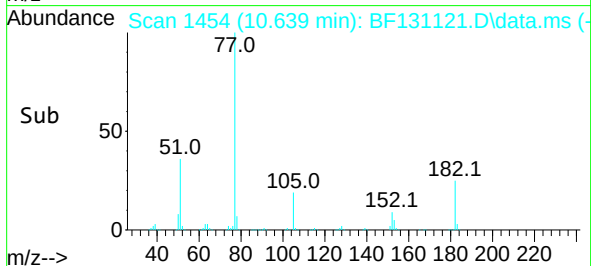
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion: 77 Resp: 428080
Ion Ratio Lower Upper
77 100
182 24.9 3.3 43.3
105 19.7 0.0 39.5
51 36.2 16.5 56.5

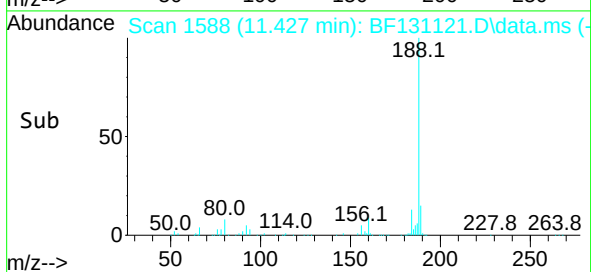
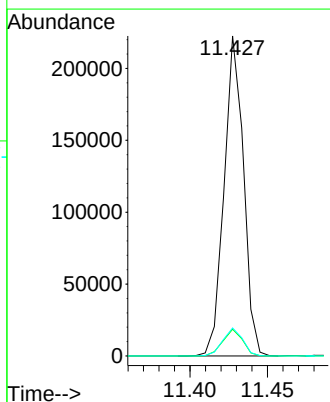
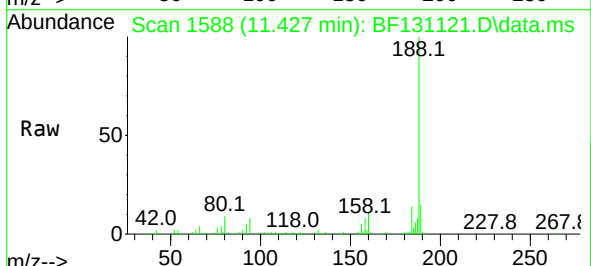
Manual Integrations
APPROVED

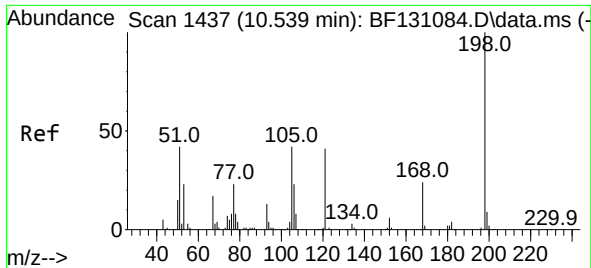
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

Tgt Ion:188 Resp: 193960
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.7 7.9 11.9





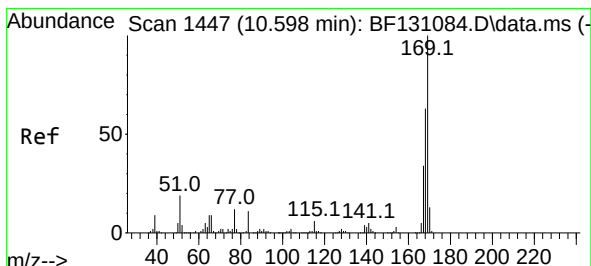
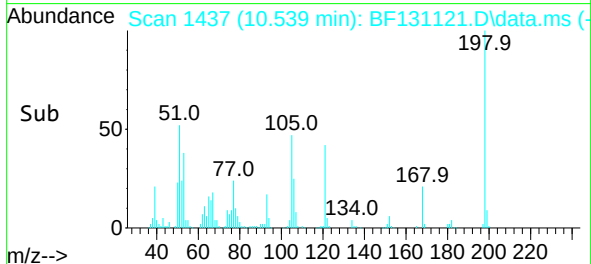
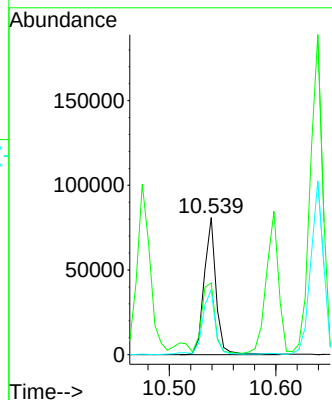
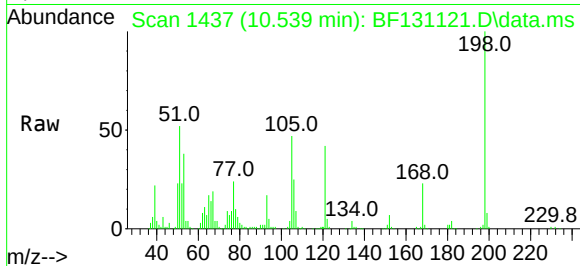
#65
4,6-Dinitro-2-methylphenol
Concen: 50.550 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

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

Tgt Ion:198 Resp: 63039
Ion Ratio Lower Upper
198 100
51 52.2 30.3 70.3
105 47.1 22.7 62.7

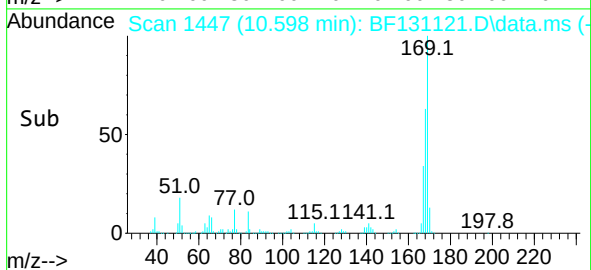
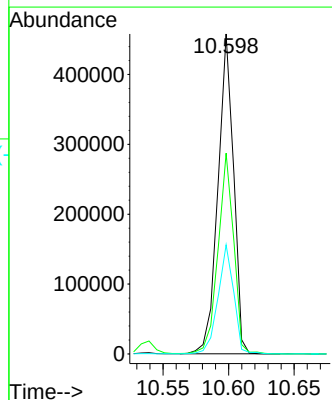
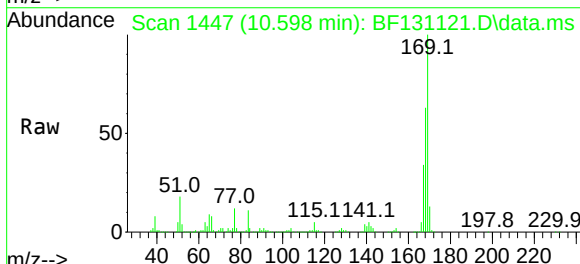
Manual Integrations
APPROVED

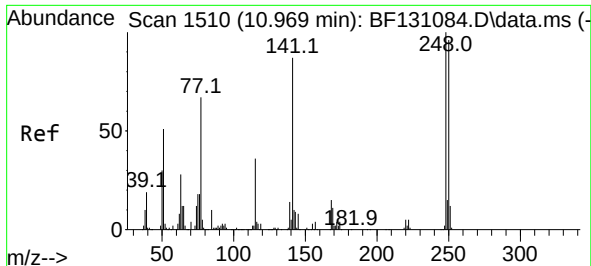
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#66
n-Nitrosodiphenylamine
Concen: 57.981 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

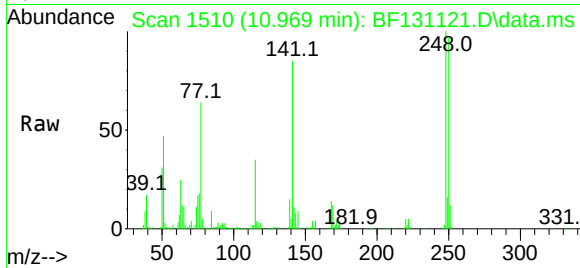
Tgt Ion:169 Resp: 378078
Ion Ratio Lower Upper
169 100
168 62.7 50.2 75.4
167 34.1 27.3 40.9





#67
4-Bromophenyl-phenylether
Concen: 49.590 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

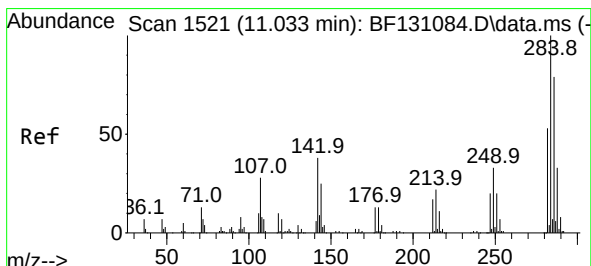
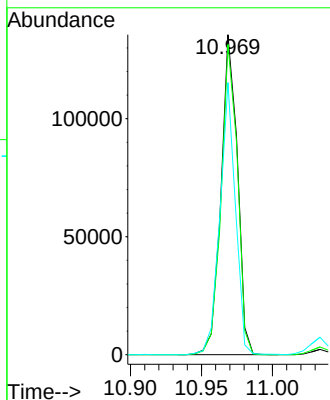
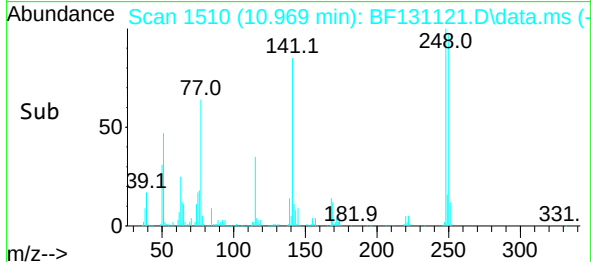
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



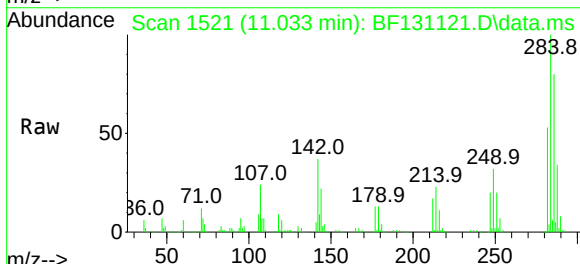
Tgt Ion:248 Resp: 10876
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.6
141 85.0 69.7 104.5

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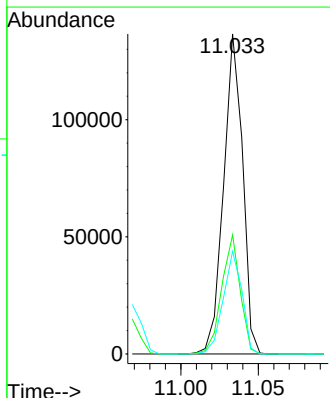
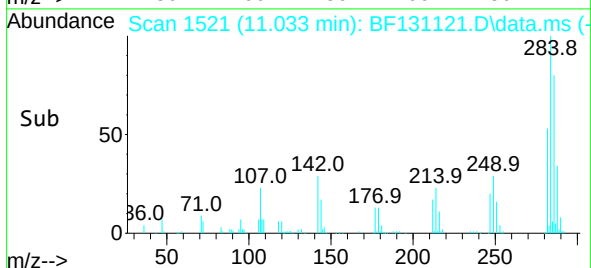
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

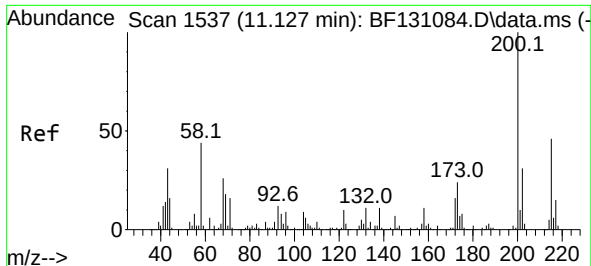


#68
Hexachlorobenzene
Concen: 47.648 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



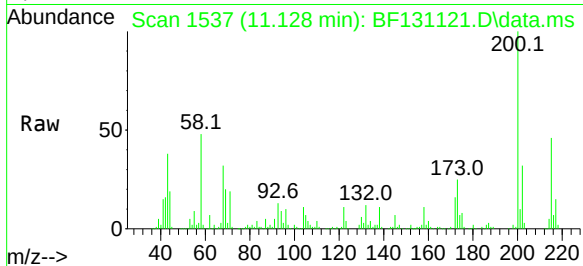
Tgt Ion:284 Resp: 116465
Ion Ratio Lower Upper
284 100
142 37.2 30.7 46.1
249 32.1 26.2 39.2





#69
 Atrazine
 Concen: 50.184 ng
 RT: 11.128 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131121.D
 Acq: 10 Nov 2022 13:56

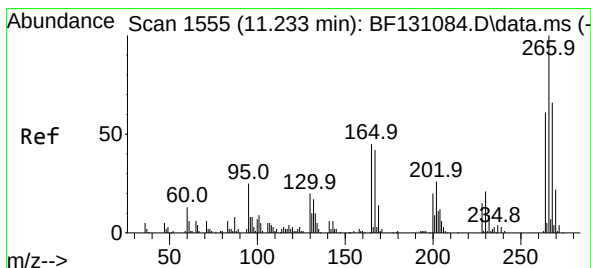
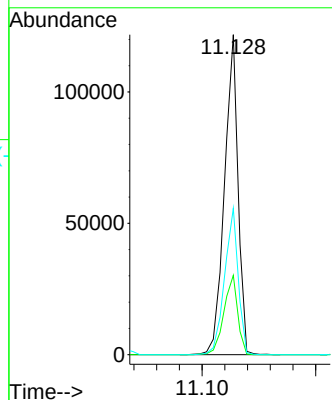
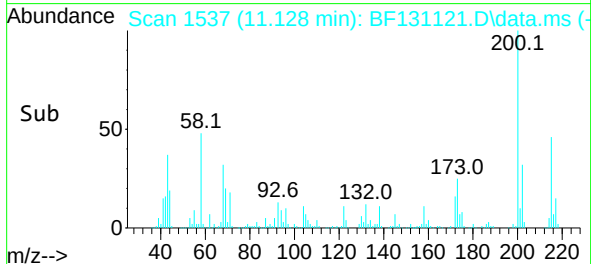
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5MS



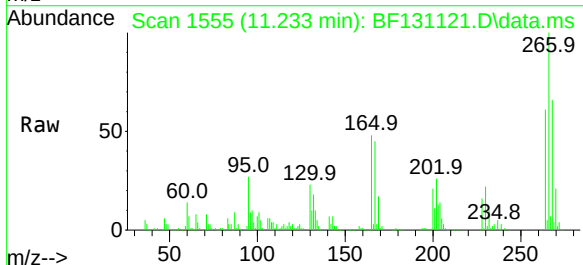
Tgt Ion:200 Resp: 101298
 Ion Ratio Lower Upper
 200 100
 173 24.8 4.0 44.0
 215 45.7 25.7 65.7

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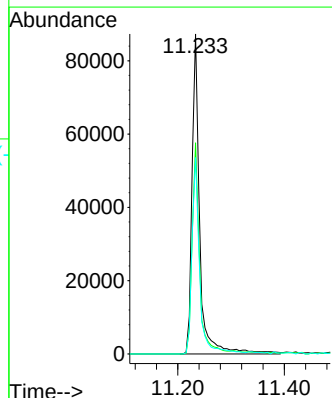
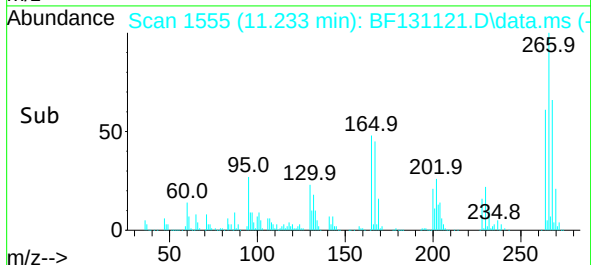
Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022

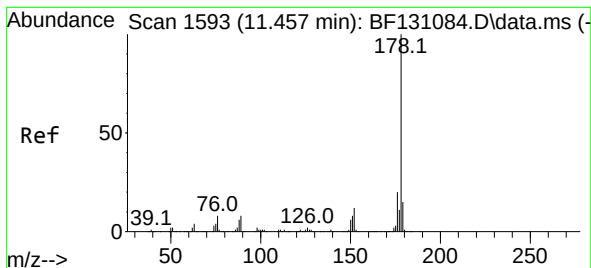


#70
 Pentachlorophenol
 Concen: 71.483 ng
 RT: 11.233 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: BF131121.D
 Acq: 10 Nov 2022 13:56



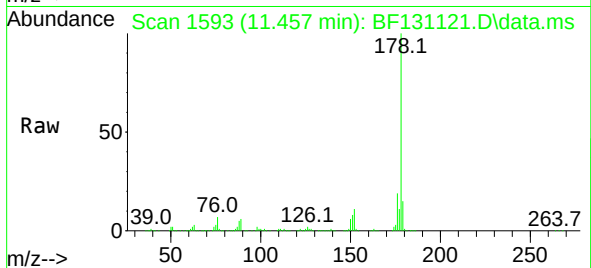
Tgt Ion:266 Resp: 88311
 Ion Ratio Lower Upper
 266 100
 268 66.0 52.5 78.7
 264 61.4 48.6 72.8





#71
Phenanthrene
Concen: 45.569 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

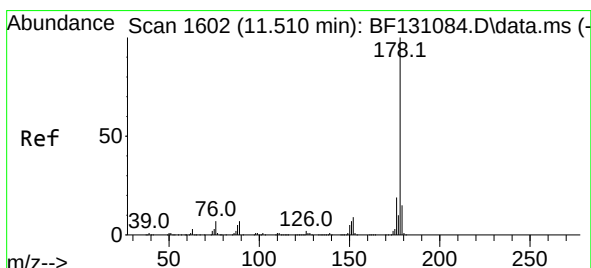
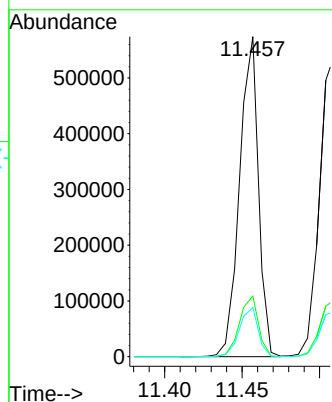
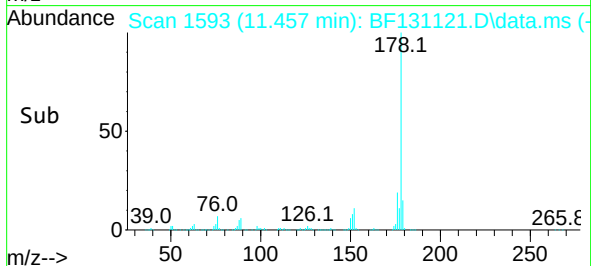
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



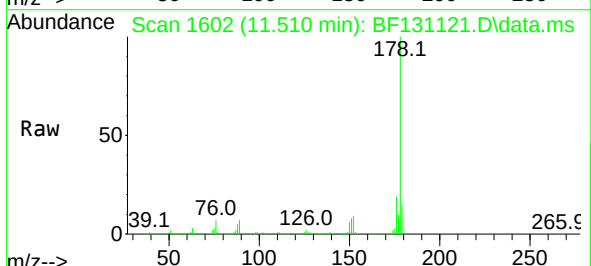
Tgt Ion:178 Resp: 48611
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.3 12.2 18.2

Manual Integrations
APPROVED

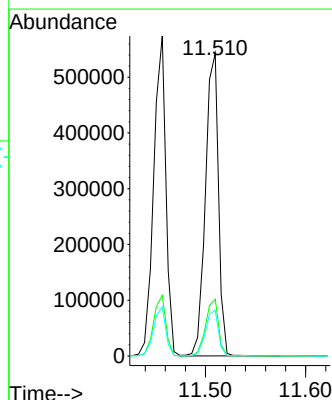
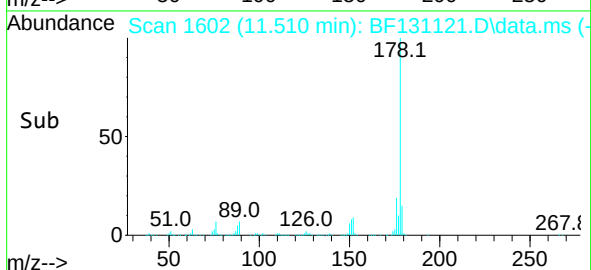
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

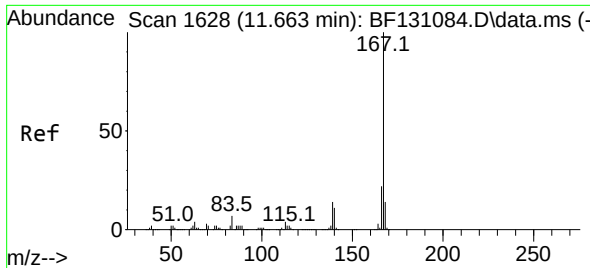


#72
Anthracene
Concen: 47.592 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



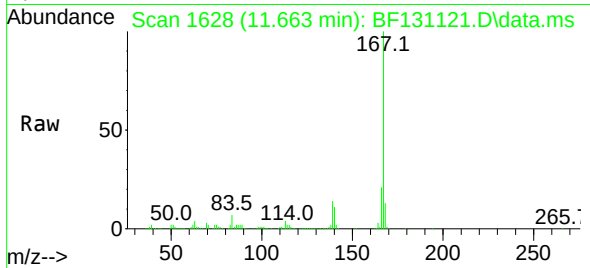
Tgt Ion:178 Resp: 492741
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 11.8 17.8





#73
 Carbazole
 Concen: 44.025 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF131121.D
 Acq: 10 Nov 2022 13:56

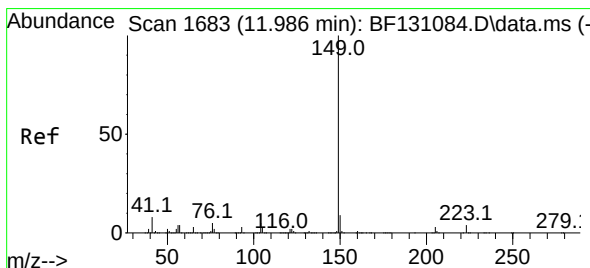
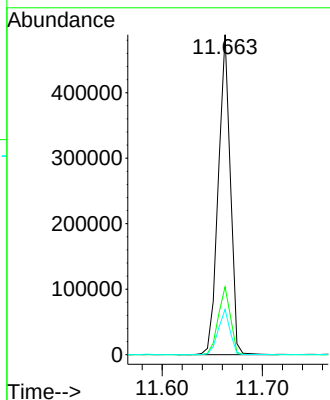
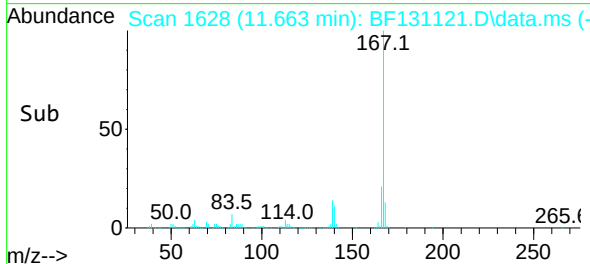
Instrument : BNA_F
 ClientSampleId : SB-16-20221028-10.5-11.5MS



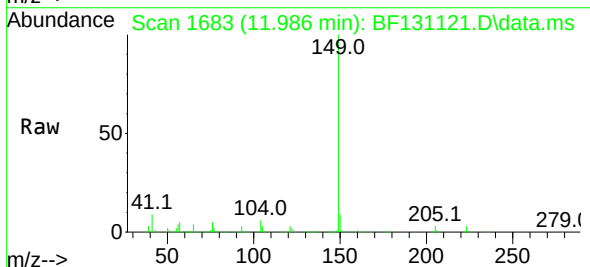
Tgt Ion:167 Resp: 40534
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 14.1 10.8 16.2

Manual Integrations
 APPROVED

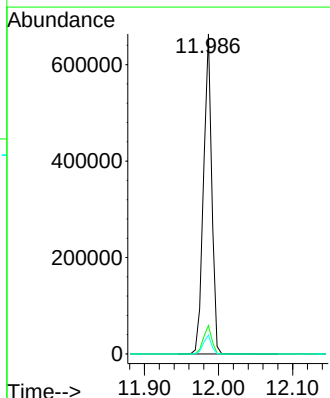
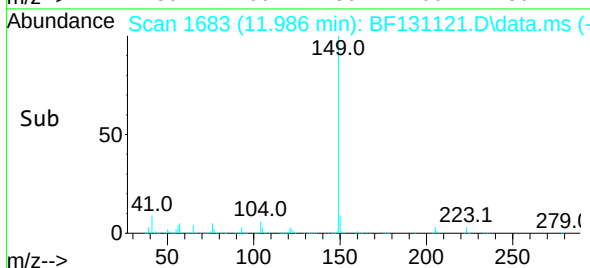
Reviewed By :Christian Giraldo 11/11/2022
 Supervised By :Jagrut Upadhyay 11/11/2022

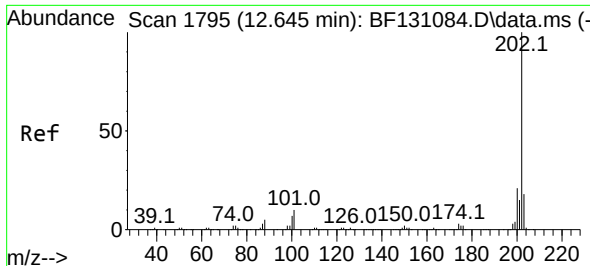


#74
 Di-n-butylphthalate
 Concen: 49.334 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BF131121.D
 Acq: 10 Nov 2022 13:56



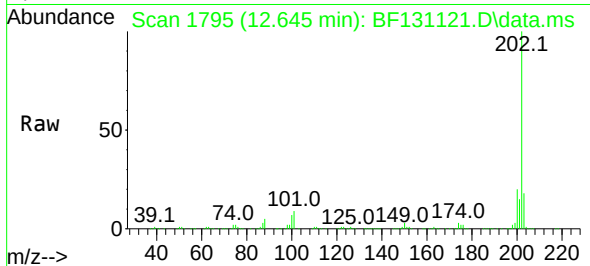
Tgt Ion:149 Resp: 512310
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 42.834 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

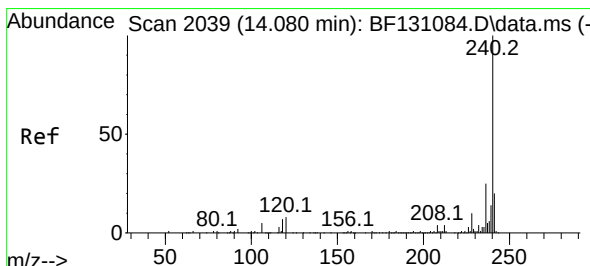
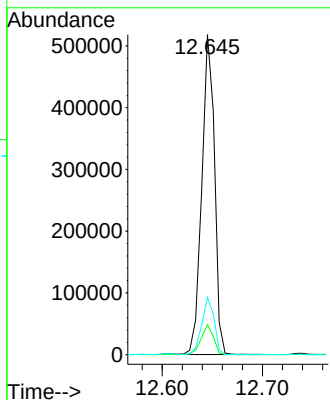
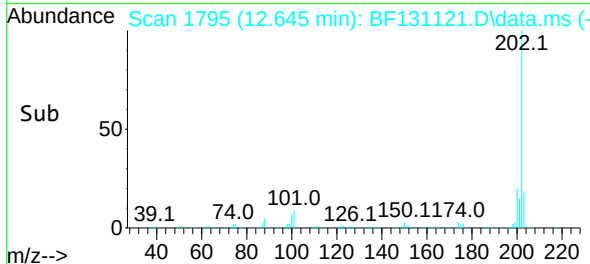
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:202 Resp: 45738
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.0
203 17.8 0.0 37.7

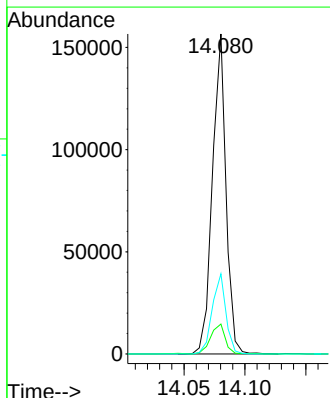
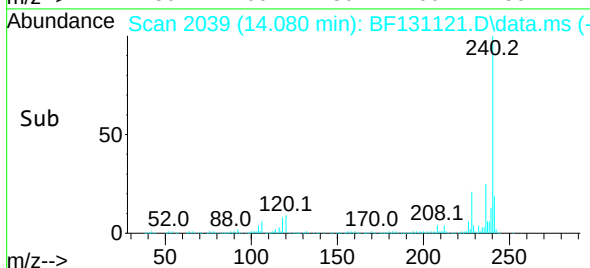
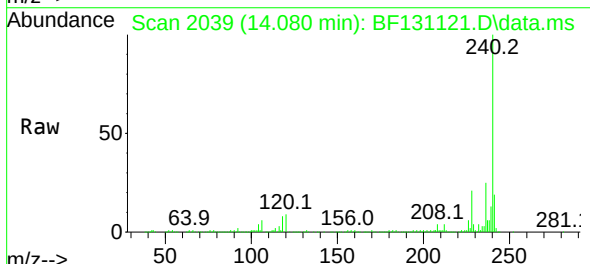
Manual Integrations
APPROVED

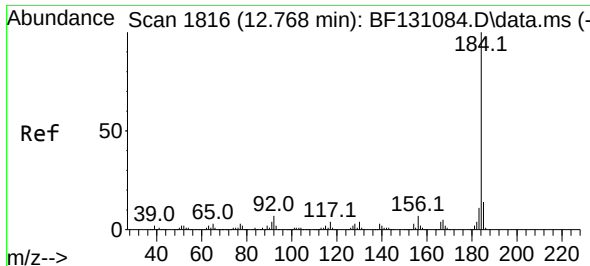
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

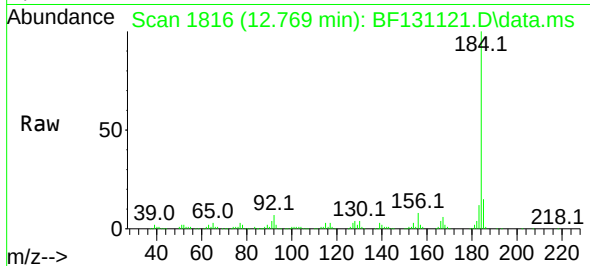
Tgt Ion:240 Resp: 120851
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 25.0 19.7 29.5





#77
Benzidine
Concen: 34.712 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

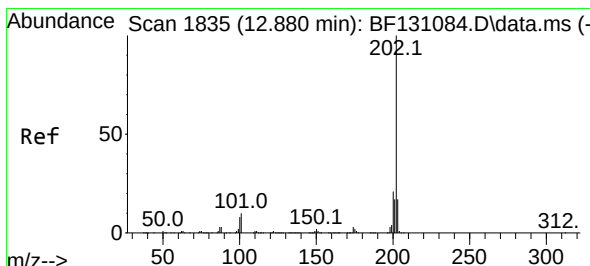
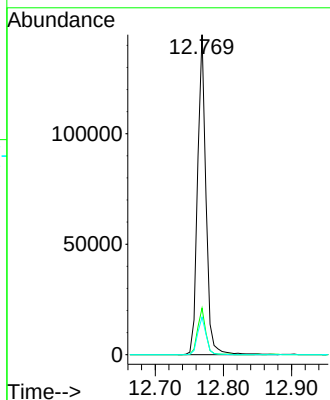
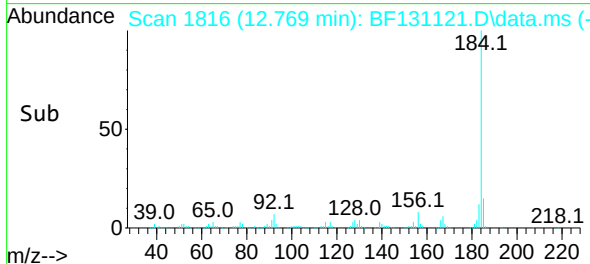
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:184 Resp: 123758
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.8 9.0 13.4

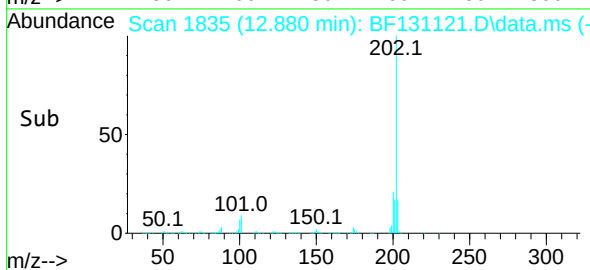
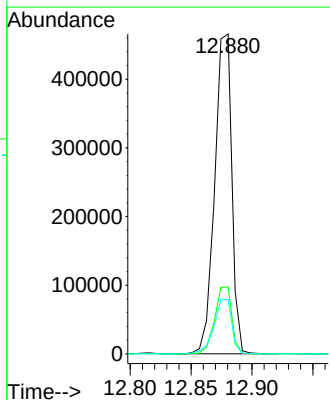
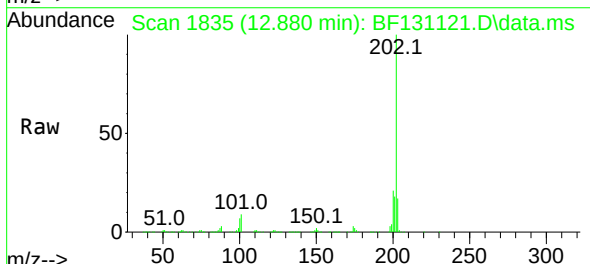
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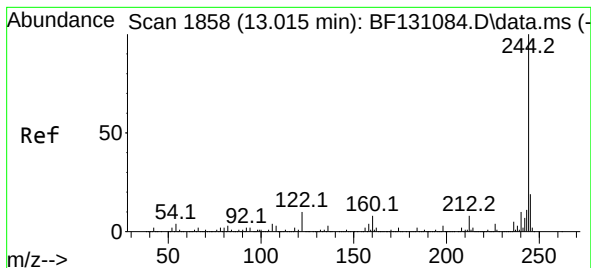
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#78
Pyrene
Concen: 44.035 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

Tgt Ion:202 Resp: 456577
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.0 13.6 20.4





#79

Terphenyl-d14

Concen: 75.828 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131121.D

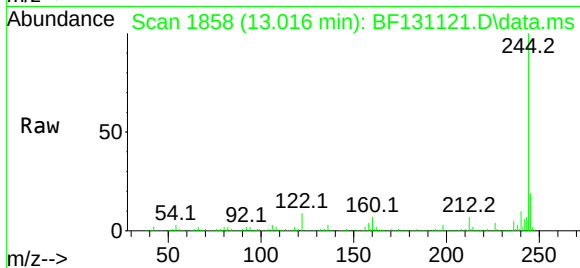
Acq: 10 Nov 2022 13:56

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5MS



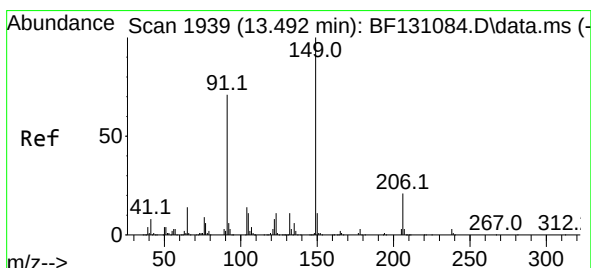
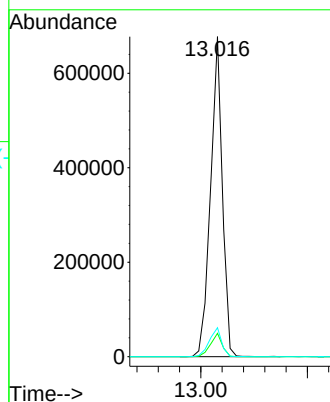
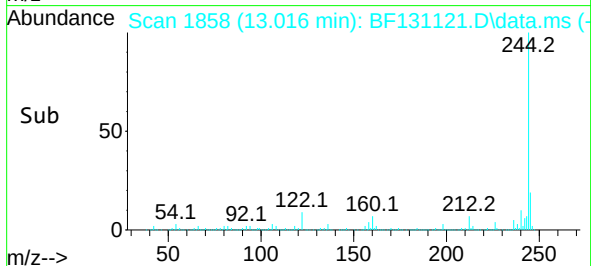
Tgt Ion:	244	Resp:	522650
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	9.1	7.8	11.8

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Reviewed By :Christian Giraldo 11/11/2022

Supervised By :Jagrut Upadhyay 11/11/2022



#80

Butylbenzylphthalate

Concen: 45.526 ng

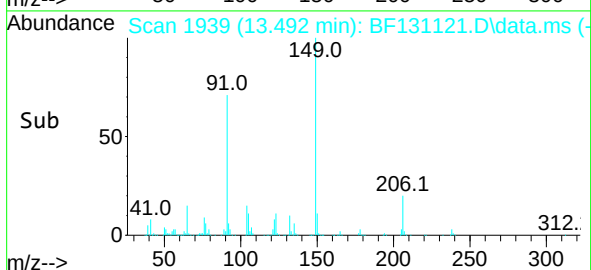
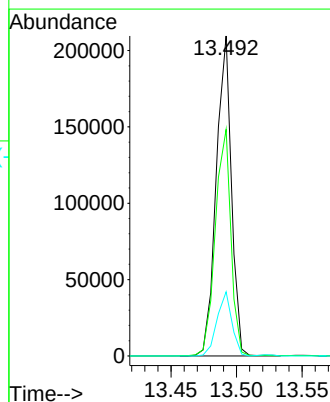
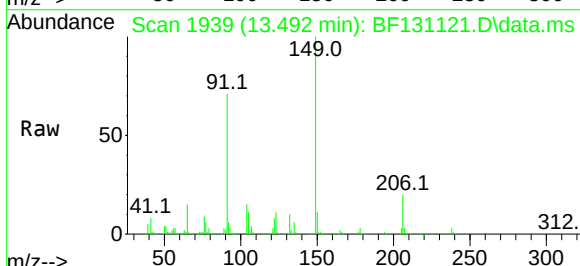
RT: 13.492 min Scan# 1939

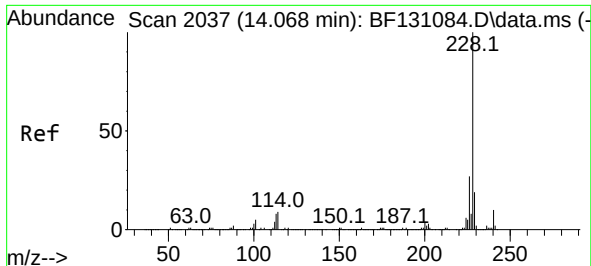
Delta R.T. 0.000 min

Lab File: BF131121.D

Acq: 10 Nov 2022 13:56

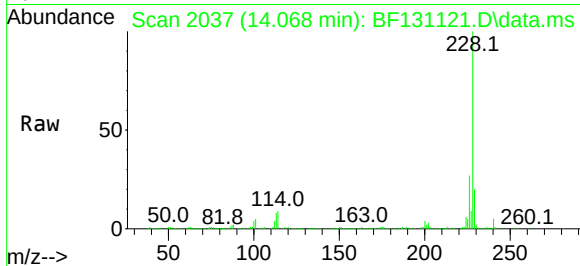
Tgt Ion:	149	Resp:	169000
Ion Ratio	Lower	Upper	
149	100		
91	70.8	56.4	84.6
206	20.1	17.1	25.7





#81
Benzo(a)anthracene
Concen: 44.728 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

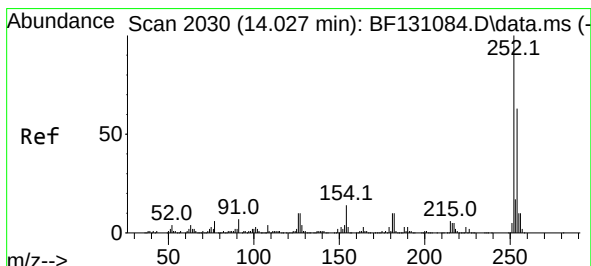
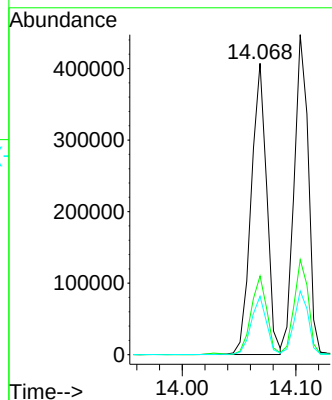
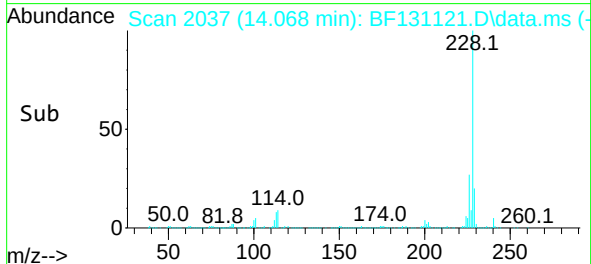
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



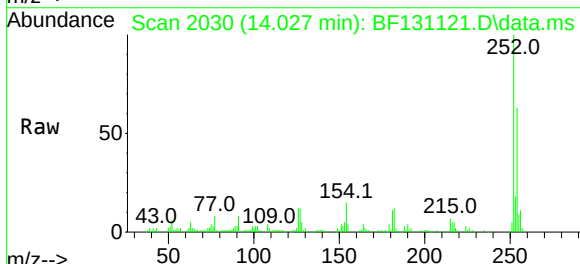
Tgt Ion:228 Resp: 386362
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 20.0 15.4 23.2

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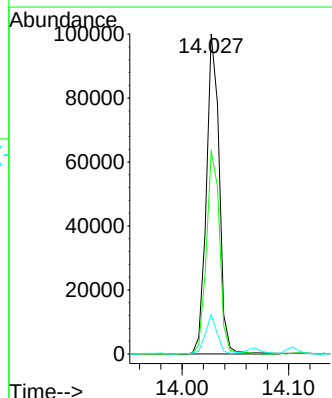
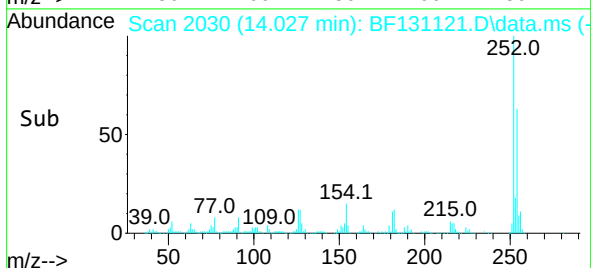
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

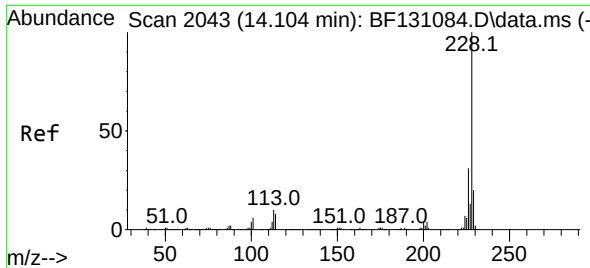


#82
3,3'-Dichlorobenzidine
Concen: 34.113 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



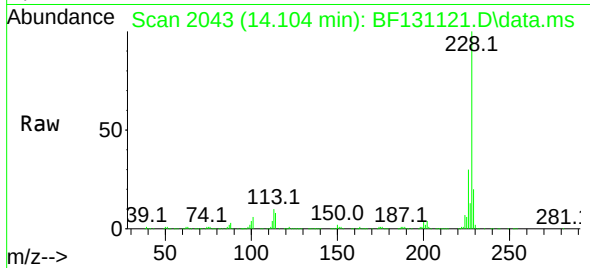
Tgt Ion:252 Resp: 84105
Ion Ratio Lower Upper
252 100
254 63.3 50.6 75.8
126 12.4 8.1 12.1#





#83
Chrysene
Concen: 47.263 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

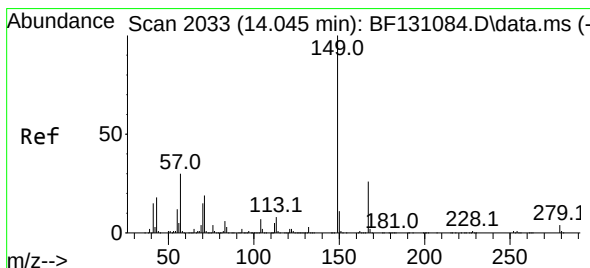
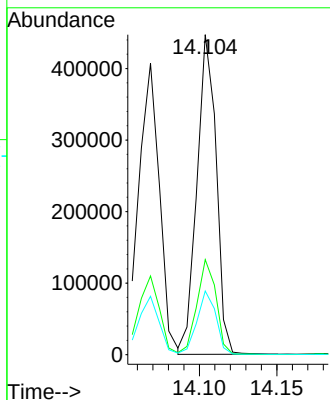
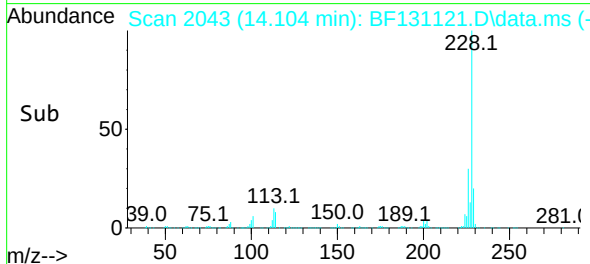
Instrument : BNA_F
ClientSampleId : SB-16-20221028-10.5-11.5MS



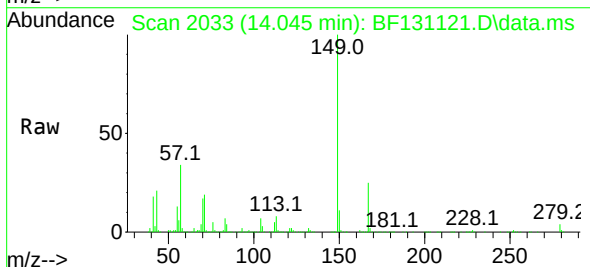
Tgt Ion:228 Resp: 38556
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.9 15.8 23.6

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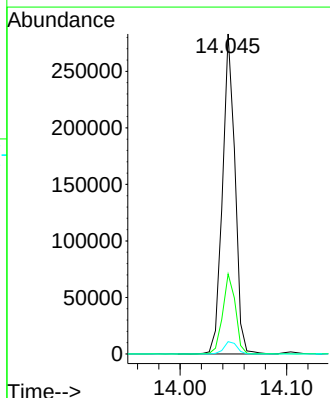
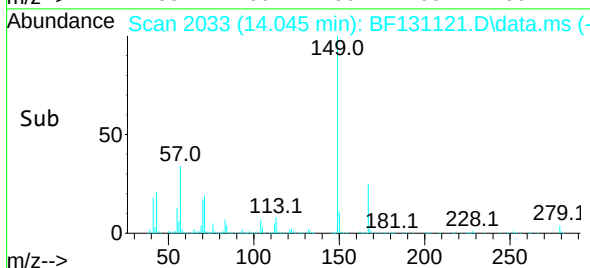
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

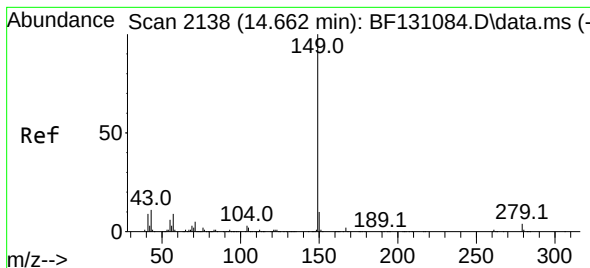


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.243 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



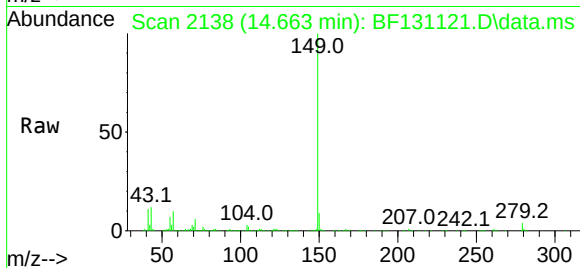
Tgt Ion:149 Resp: 229388
Ion Ratio Lower Upper
149 100
167 25.0 20.8 31.2
279 3.9 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 79.235 ng
RT: 14.663 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

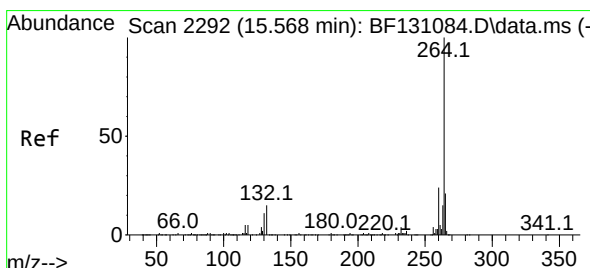
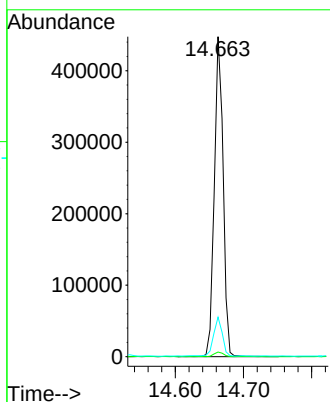
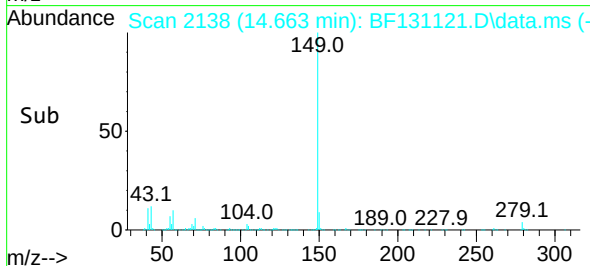
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



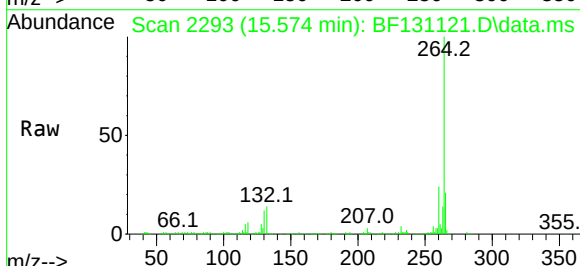
Tgt Ion:149 Resp: 40265
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 9.4 14.2

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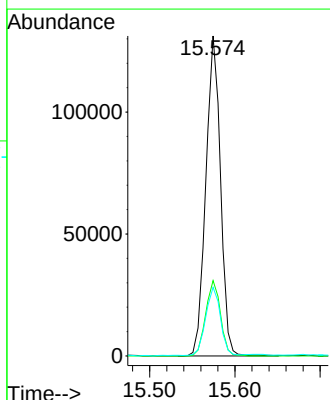
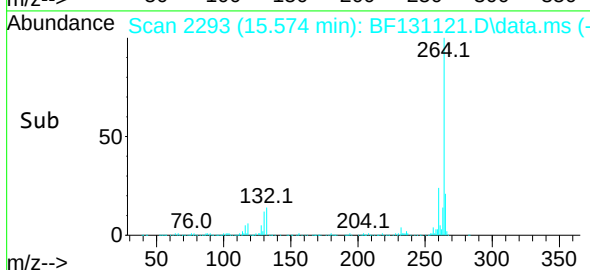
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

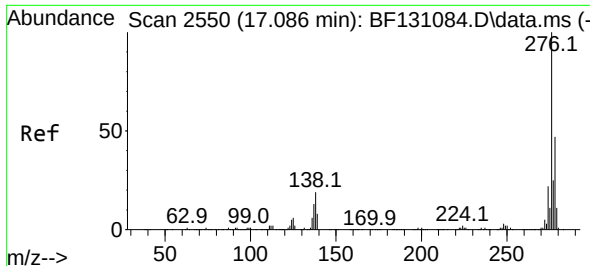


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



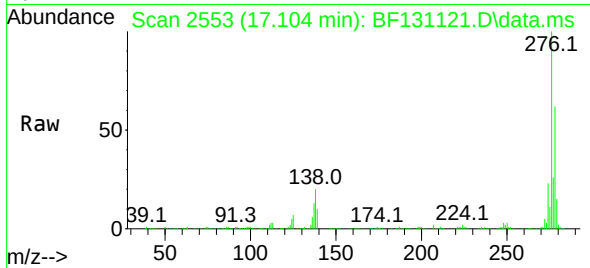
Tgt Ion:264 Resp: 156785
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.374 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

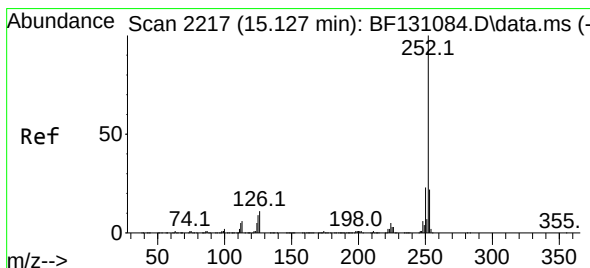
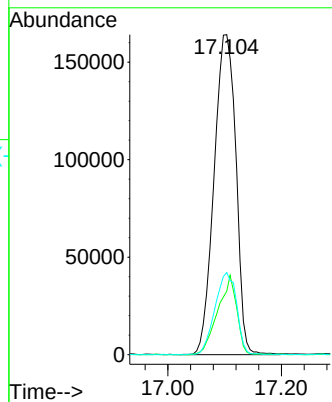
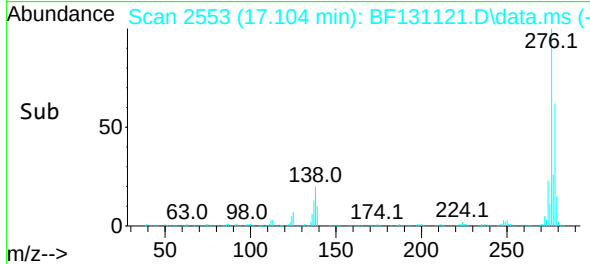
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:276 Resp: 439600
Ion Ratio Lower Upper
276 100
138 21.5 16.9 25.3
277 25.3 20.3 30.5

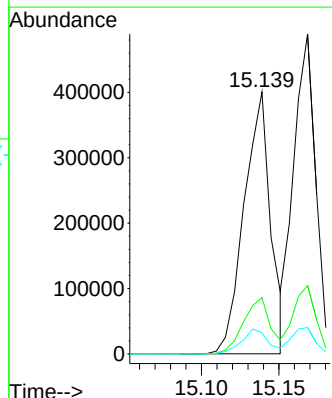
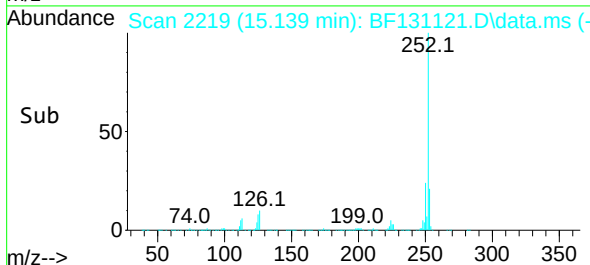
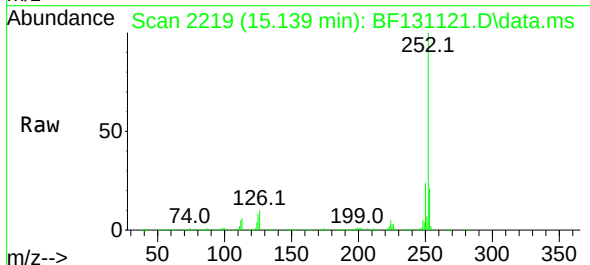
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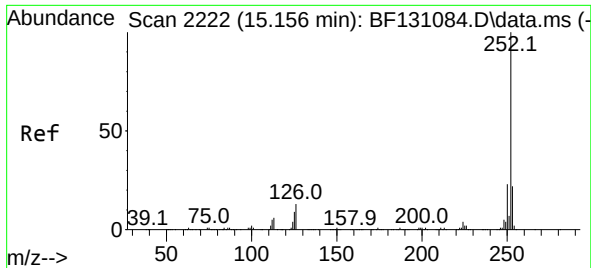
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#88
Benzo(b)fluoranthene
Concen: 43.020 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

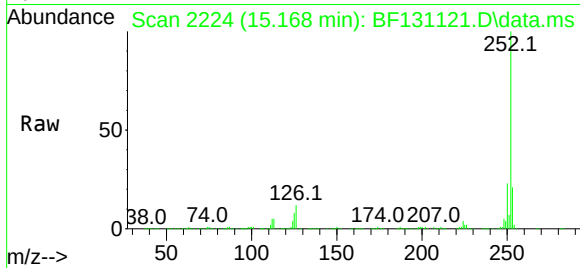
Tgt Ion:252 Resp: 476869
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.1 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 45.503 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.012 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

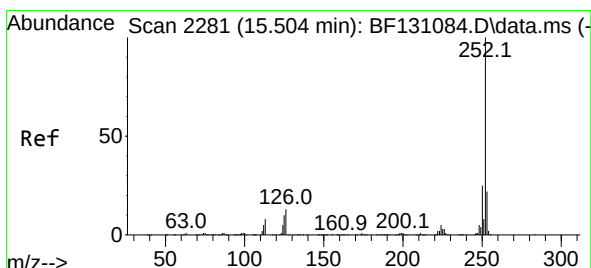
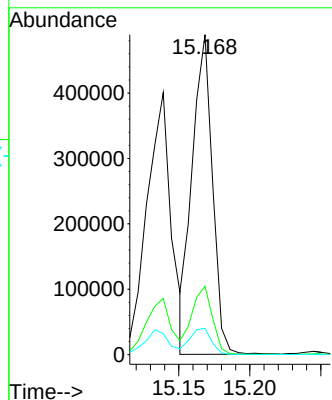
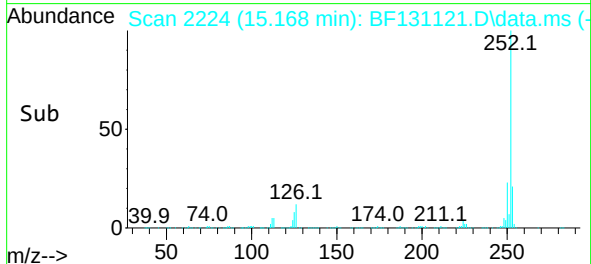
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



Tgt Ion:252 Resp: 48480
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 8.2 7.5 11.3

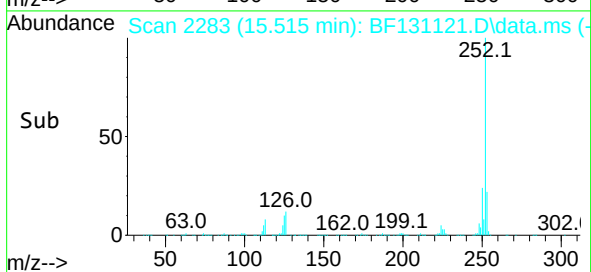
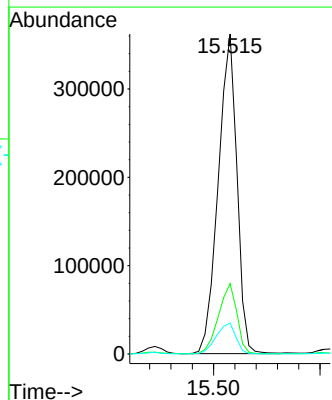
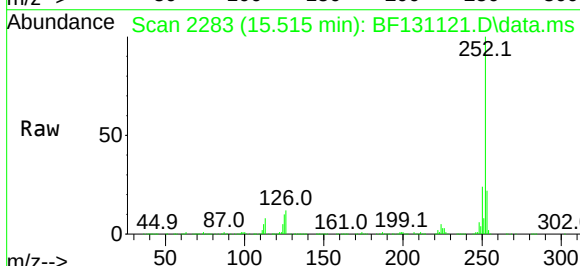
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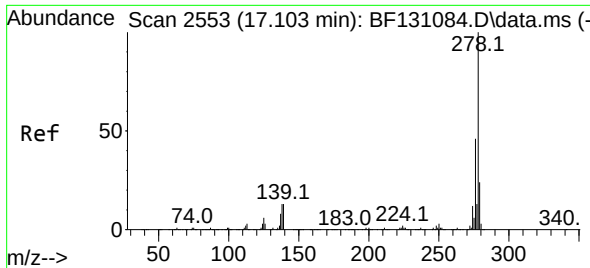
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#90
Benzo(a)pyrene
Concen: 49.407 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.011 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

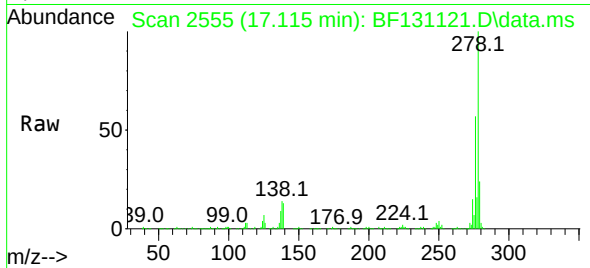
Tgt Ion:252 Resp: 439075
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.6 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 36.806 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56

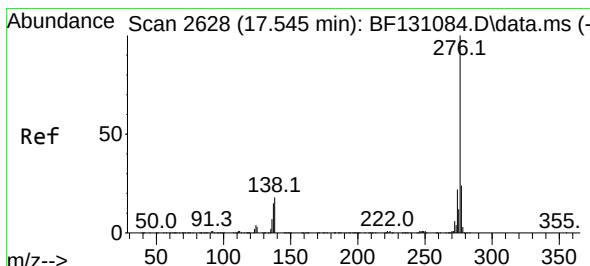
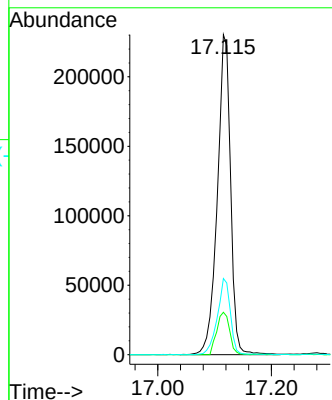
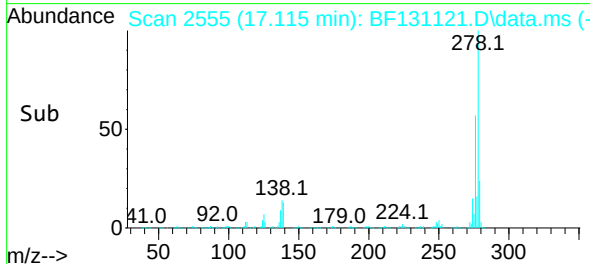
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5MS



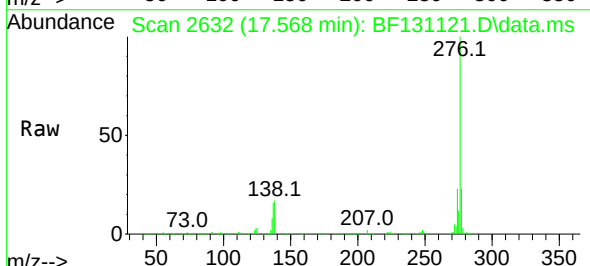
Tgt Ion:278 Resp: 37249
Ion Ratio Lower Upper
278 100
139 13.2 10.8 16.2
279 23.8 19.2 28.8

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



#92
Benzo(g,h,i)perylene
Concen: 34.476 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.023 min
Lab File: BF131121.D
Acq: 10 Nov 2022 13:56



Tgt Ion:276 Resp: 365213
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 17.4 14.6 21.8

