

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131526.D
 Acq On : 06 Dec 2022 14:16
 Operator : CG\JU
 Sample : PB149379BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149379BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/07/2022
 Supervised By : Jagrut Upadhyay 12/07/2022

Quant Time: Dec 07 03:20:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	106770	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	411566	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	242581	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	473388	20.000	ng	0.00
76) Chrysene-d12	14.127	240	303842	20.000	ng	0.00
86) Perylene-d12	15.645	264	240705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	770137	123.176	ng	0.02
7) Phenol-d6	6.551	99	907515	116.235	ng	0.00
23) Nitrobenzene-d5	7.492	82	572119	63.800	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	378285	136.955	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1339440	72.436	ng	0.00
79) Terphenyl-d14	13.068	244	1716711	85.325	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	78019	29.150	ng	95
3) Pyridine	3.551	79	203004	27.171	ng	95
4) n-Nitrosodimethylamine	3.528	42	121949	31.851	ng	90
6) Aniline	6.586	93	308979	32.057	ng	95
8) 2-Chlorophenol	6.704	128	285653	42.783	ng	89
9) Benzaldehyde	6.475	77	114467	22.970	ng	86
10) Phenol	6.563	94	336044m	38.048	ng	
11) bis(2-Chloroethyl)ether	6.657	93	244642	37.502	ng	95
12) 1,3-Dichlorobenzene	6.863	146	313004	40.164	ng	94
13) 1,4-Dichlorobenzene	6.939	146	315922	39.665	ng	97
14) 1,2-Dichlorobenzene	7.092	146	303584	40.909	ng	99
15) Benzyl Alcohol	7.069	79	218195m	33.412	ng	
16) 2,2'-oxybis(1-Chloropr...	7.198	45	224382	35.091	ng	99
17) 2-Methylphenol	7.175	107	223191	40.020	ng	97
18) Hexachloroethane	7.433	117	117561	39.729	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	185558	35.116	ng	99
20) 3+4-Methylphenols	7.328	107	296165	39.269	ng	98
22) Acetophenone	7.339	105	416127	37.261	ng	96
24) Nitrobenzene	7.510	77	291846	32.256	ng	92
25) Isophorone	7.751	82	517052	37.067	ng	95
26) 2-Nitrophenol	7.828	139	147613	44.559	ng	93
27) 2,4-Dimethylphenol	7.863	122	264786	48.682	ng	96
28) bis(2-Chloroethoxy)met...	7.963	93	303634	39.265	ng	98
29) 2,4-Dichlorophenol	8.069	162	260089	41.285	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	299324	38.024	ng	100
31) Naphthalene	8.233	128	810331	35.614	ng	99
32) Benzoic acid	7.998	122	144183	43.958	ng	94
33) 4-Chloroaniline	8.286	127	206689	24.253	ng	95
34) Hexachlorobutadiene	8.345	225	208790	37.135	ng	98
35) Caprolactam	8.663	113	70449m	39.836	ng	
36) 4-Chloro-3-methylphenol	8.769	107	260854	38.734	ng	97
37) 2-Methylnaphthalene	8.928	142	571217	37.516	ng	98
38) 1-Methylnaphthalene	9.027	142	526653	35.997	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	346741	38.694	ng	99
41) Hexachlorocyclopentadiene	9.080	237	414020	102.565	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	192138	35.463	ng	97

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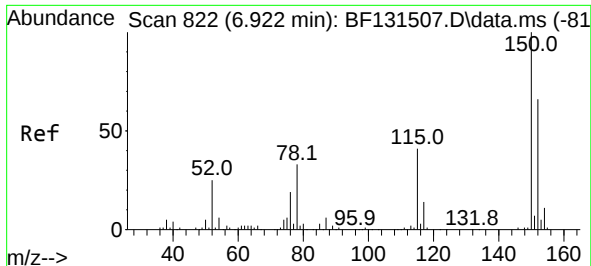
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	232599	40.255	ng	97
46) 1,1'-Biphenyl	9.398	154	728914	38.107	ng	98
47) 2-Chloronaphthalene	9.422	162	574518	36.769	ng	100
48) 2-Nitroaniline	9.522	65	147075	32.577	ng	90
49) Acenaphthylene	9.839	152	865878	37.098	ng	100
50) Dimethylphthalate	9.704	163	669291	38.173	ng	99
51) 2,6-Dinitrotoluene	9.763	165	149633	39.941	ng	92
52) Acenaphthene	10.016	154	641712m	42.377	ng	
53) 3-Nitroaniline	9.933	138	107871	27.508	ng	89
54) 2,4-Dinitrophenol	10.045	184	181589	96.603	ng	# 82
55) Dibenzofuran	10.186	168	824855	37.313	ng	99
56) 4-Nitrophenol	10.098	139	216388	79.076	ng	91
57) 2,4-Dinitrotoluene	10.169	165	204768	41.657	ng	# 84
58) Fluorene	10.533	166	677503	37.139	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	195194	39.825	ng	97
60) Diethylphthalate	10.404	149	655892	37.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	365930	38.778	ng	99
62) 4-Nitroaniline	10.557	138	144204	36.883	ng	89
63) Azobenzene	10.680	77	537828	31.551	ng	94
65) 4,6-Dinitro-2-methylph...	10.580	198	114577	44.110	ng	86
66) n-Nitrosodiphenylamine	10.645	169	567544	38.200	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	236616	39.950	ng	99
68) Hexachlorobenzene	11.074	284	267224	40.711	ng	96
69) Atrazine	11.174	200	197601	44.979	ng	97
70) Pentachlorophenol	11.274	266	298704	84.990	ng	98
71) Phenanthrene	11.498	178	982082	37.335	ng	100
72) Anthracene	11.551	178	991472	38.338	ng	100
73) Carbazole	11.710	167	857328	39.379	ng	99
74) Di-n-butylphthalate	12.033	149	979945	40.316	ng	99
75) Fluoranthene	12.692	202	1063918	36.750	ng	99
77) Benzidine	12.815	184	268759	68.647	ng	99
78) Pyrene	12.927	202	1069417	39.296	ng	99
80) Butylbenzylphthalate	13.539	149	340037	46.322	ng	88
81) Benzo(a)anthracene	14.115	228	789096	38.029	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	238631	42.467	ng	97
83) Chrysene	14.157	228	744695	37.332	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	381557	46.511	ng	99
85) Di-n-octyl phthalate	14.721	149	465848	44.060	ng	96
87) Indeno(1,2,3-cd)pyrene	17.203	276	719747	39.004	ng	98
88) Benzo(b)fluoranthene	15.198	252	659013	42.148	ng	99
89) Benzo(k)fluoranthene	15.227	252	669711	39.458	ng	100
90) Benzo(a)pyrene	15.580	252	575045	44.318	ng	98
91) Dibenzo(a,h)anthracene	17.221	278	615801	40.887	ng	98
92) Benzo(g,h,i)perylene	17.680	276	600805	42.743	ng	96

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

Manual Integrations APPROVED

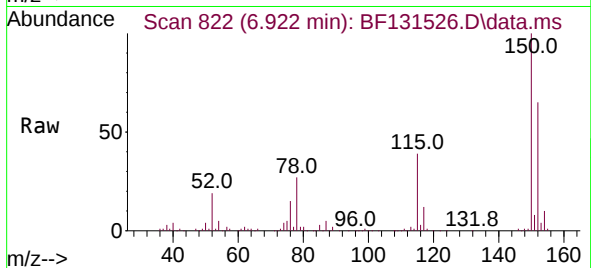
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

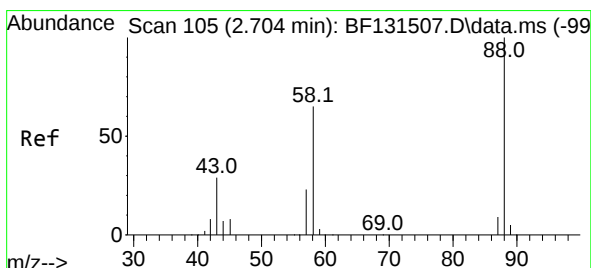
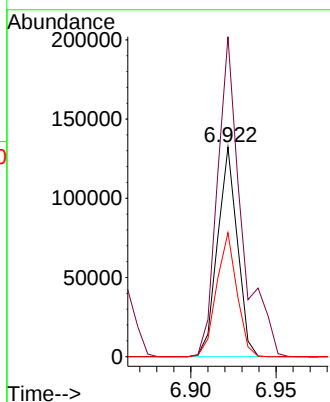
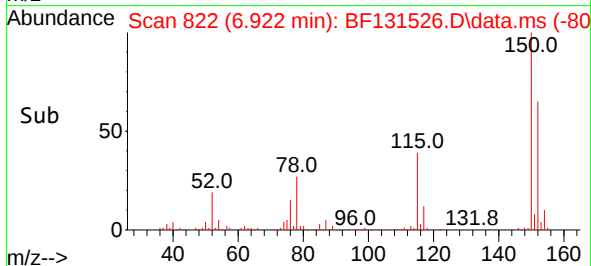
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion:152 Resp: 106776
Ion Ratio Lower Upper
152 100
150 152.8 121.9 182.9
115 59.2 50.4 75.6

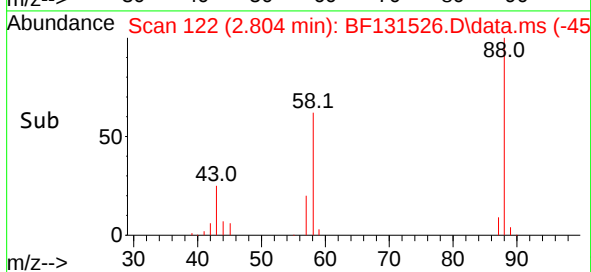
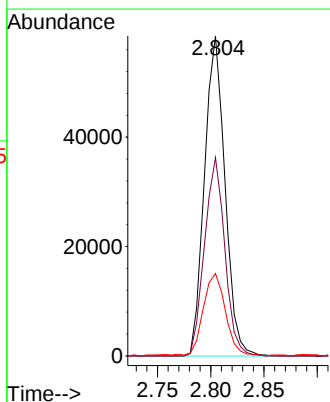
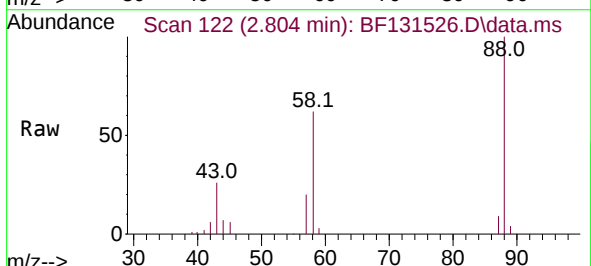
Manual Integrations
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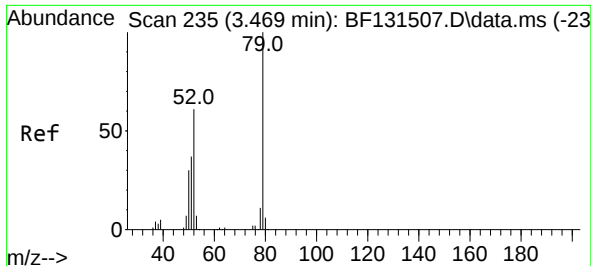
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#2
1,4-Dioxane
Concen: 29.150 ng
RT: 2.804 min Scan# 122
Delta R.T. 0.100 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion: 88 Resp: 78019
Ion Ratio Lower Upper
88 100
58 61.3 52.9 79.3
43 28.5 23.8 35.6





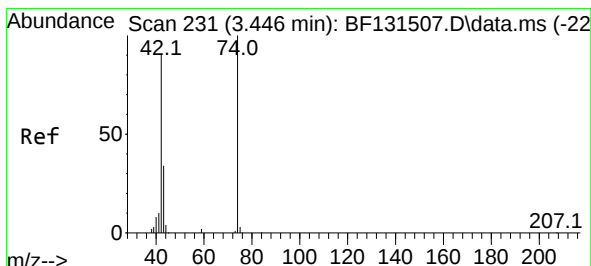
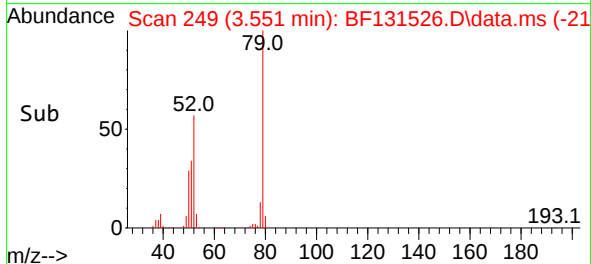
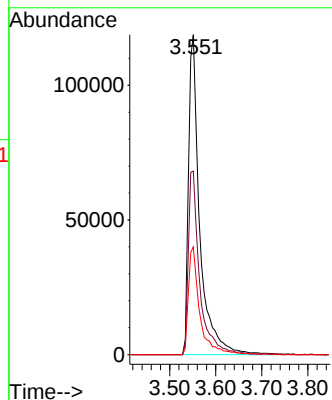
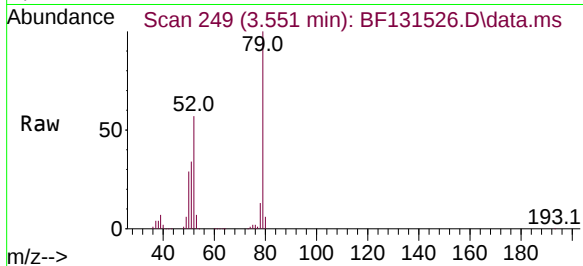
#3
Pyridine
Concen: 27.171 ng
RT: 3.551 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :
BNA_F
ClientSampleId :
PB149379BS

Tgt Ion: 79 Resp: 203004
Ion Ratio Lower Upper
79 100
52 57.3 48.5 72.7
51 33.7 29.4 44.0

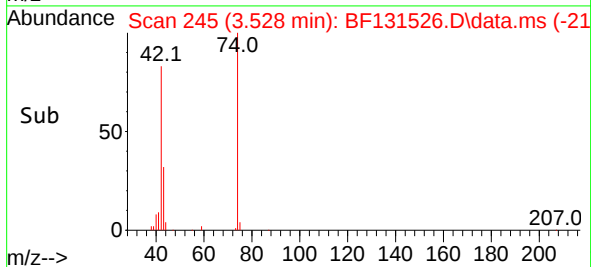
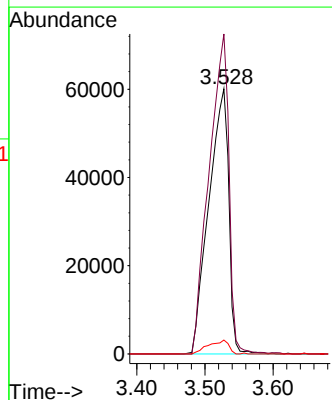
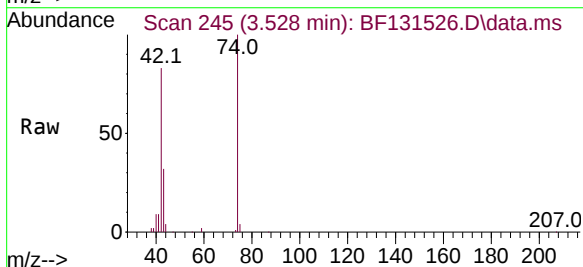
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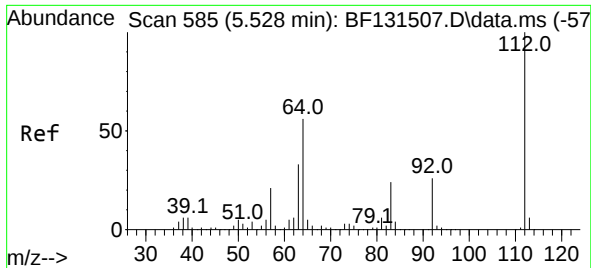
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#4
n-Nitrosodimethylamine
Concen: 31.851 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion: 42 Resp: 121949
Ion Ratio Lower Upper
42 100
74 120.8 88.1 132.1
44 5.2 3.7 5.5





#5
2-Fluorophenol
Concen: 123.176 ng
RT: 5.545 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

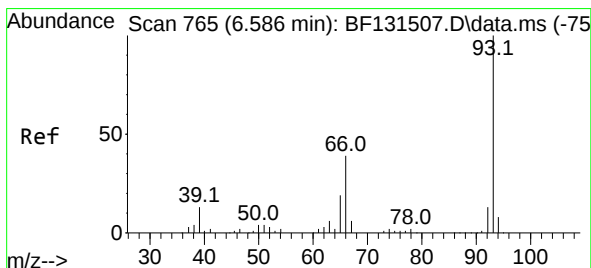
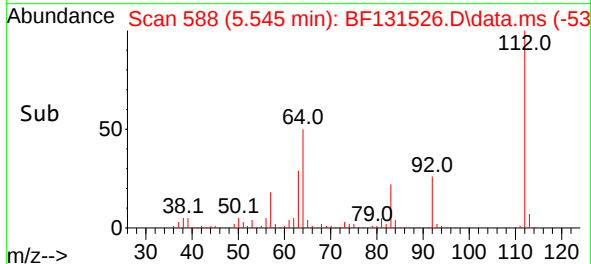
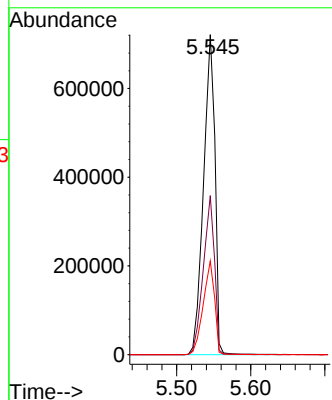
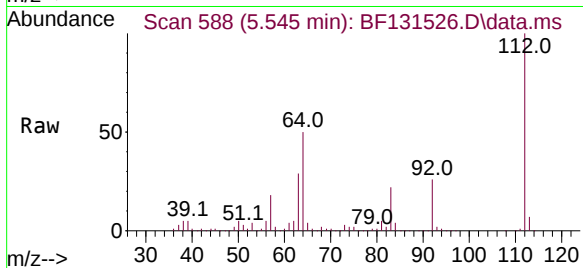
PB149379BS

Tgt Ion:112 Resp: 770137
Ion Ratio Lower Upper
112 100
64 49.7 44.5 66.7
63 29.3 26.7 40.1

Manual Integrations

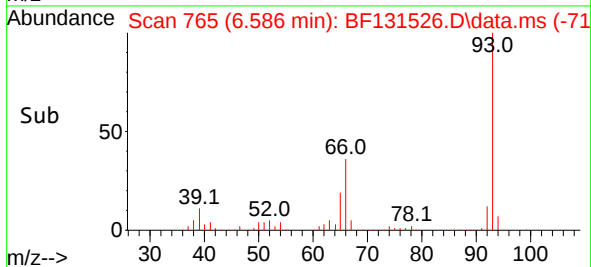
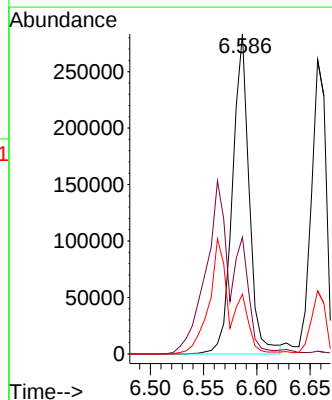
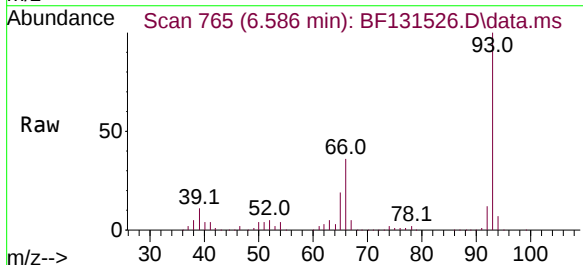
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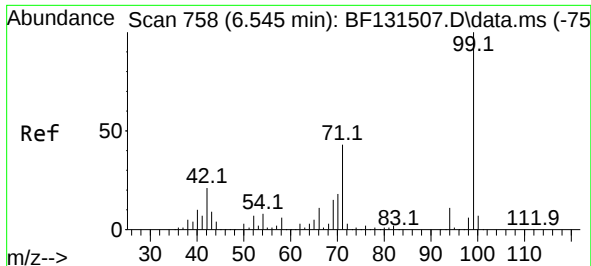
Reviewed By :Christian Giraldo 12/07/2022
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#6
Aniline
Concen: 32.057 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion: 93 Resp: 308979
Ion Ratio Lower Upper
93 100
66 36.5 32.6 49.0
65 18.7 15.8 23.8





#7

Phenol-d6

Concen: 116.235 ng

RT: 6.551 min Scan# 758

Delta R.T. 0.006 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

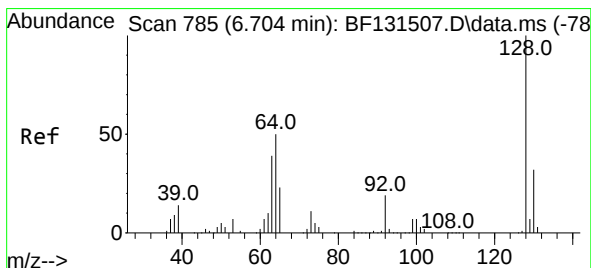
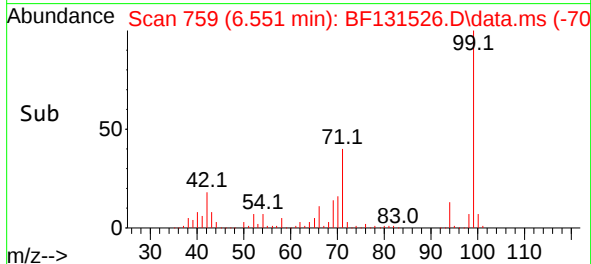
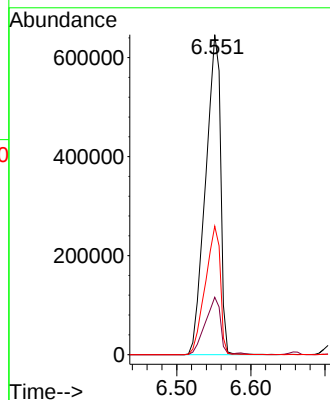
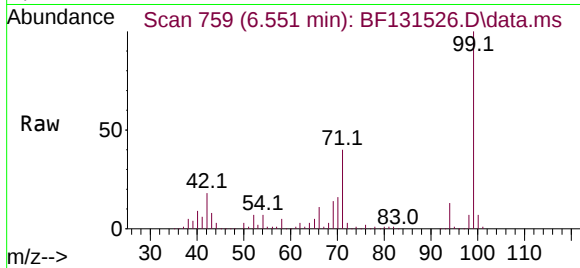
PB149379BS

Tgt Ion:	99	Resp:	907515
Ion Ratio	Lower	Upper	
99	100		
42	18.0	16.6	25.0
71	40.1	34.4	51.6

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#8

2-Chlorophenol

Concen: 42.783 ng

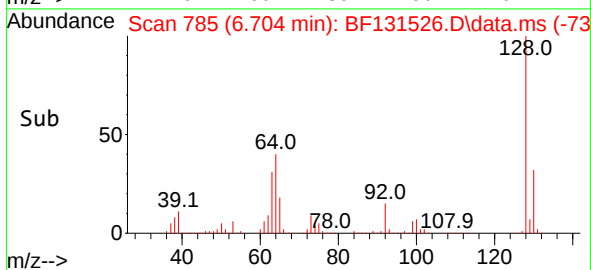
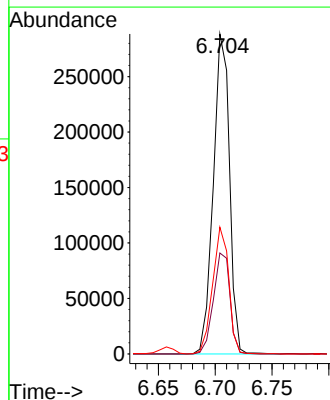
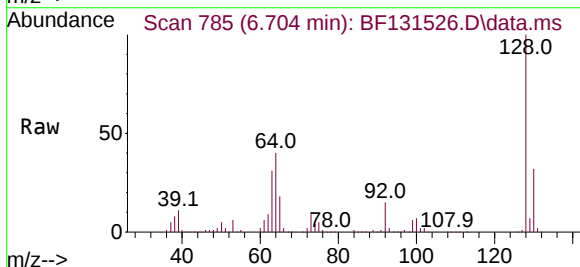
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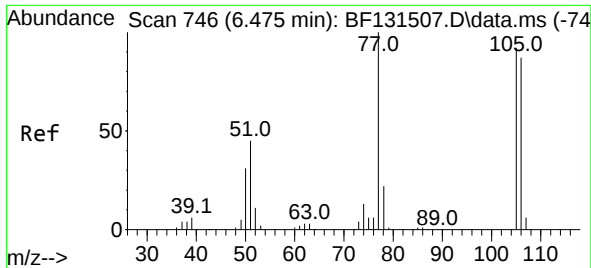
Delta R.T. -0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

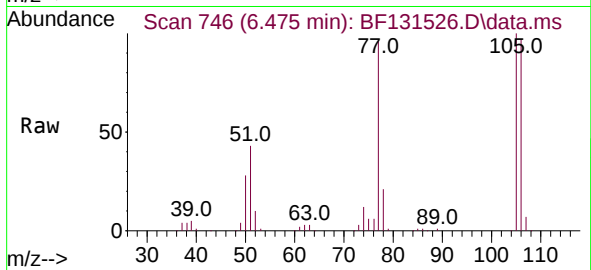
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Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.9	51.9
64	39.6	31.7	71.7





#9
Benzaldehyde
Concen: 22.970 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

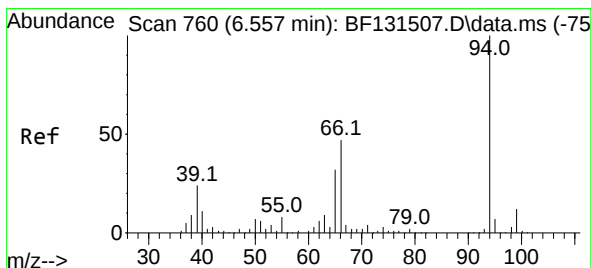
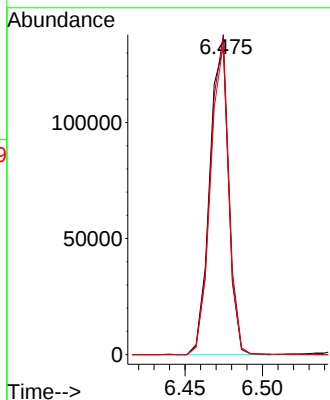
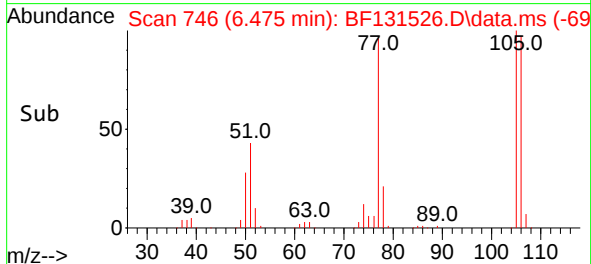
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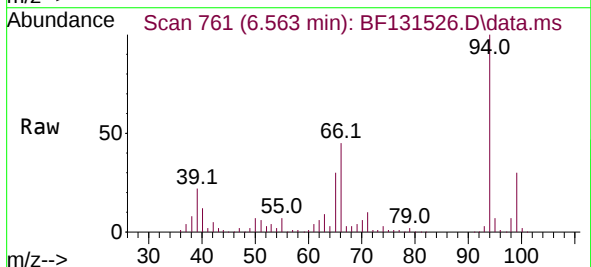
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Ion Ratio Lower Upper
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105 104.1 71.9 111.9
106 101.3 67.2 107.2

Manual Integrations
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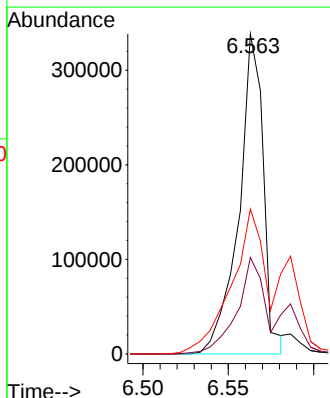
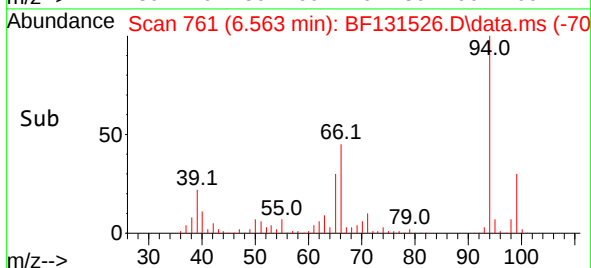
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

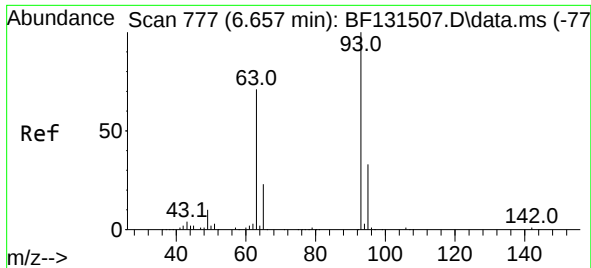


#10
Phenol
Concen: 38.048 ng m
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion: 94 Resp: 336044
Ion Ratio Lower Upper
94 100
65 30.1 12.1 52.1
66 45.3 27.1 67.1





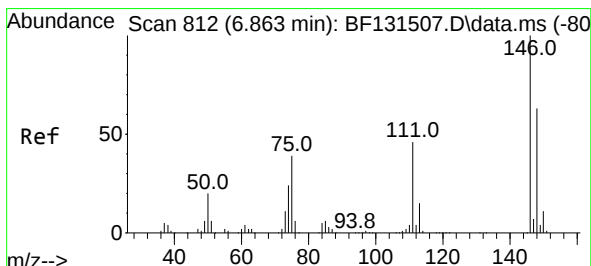
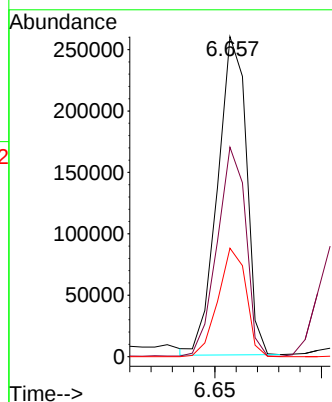
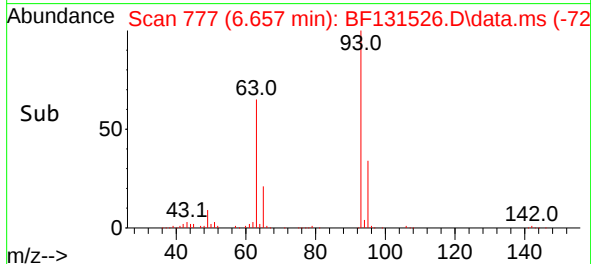
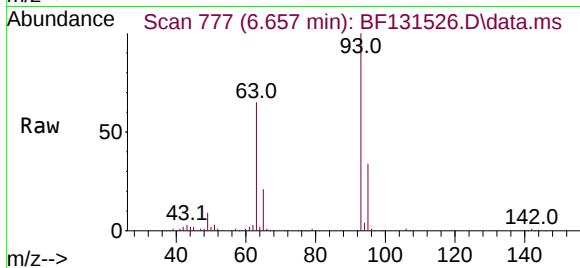
#11
bis(2-Chloroethyl)ether
Concen: 37.502 ng
RT: 6.657 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :
BNA_F
ClientSampleId :
PB149379BS

Tgt Ion: 93 Resp: 244642
Ion Ratio Lower Upper
93 100
63 65.4 51.2 91.2
95 33.9 13.0 53.0

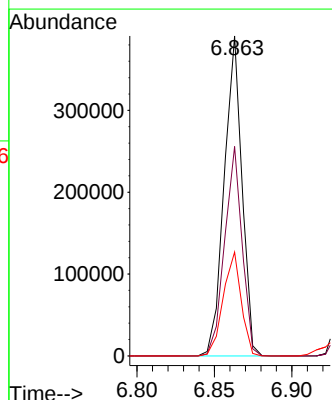
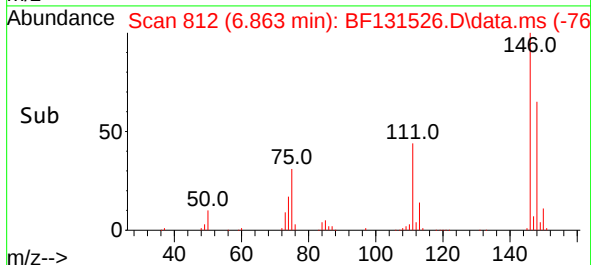
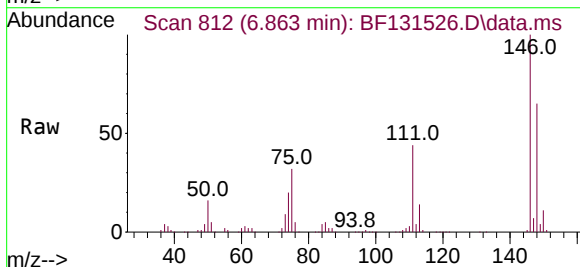
Manual Integrations
APPROVED

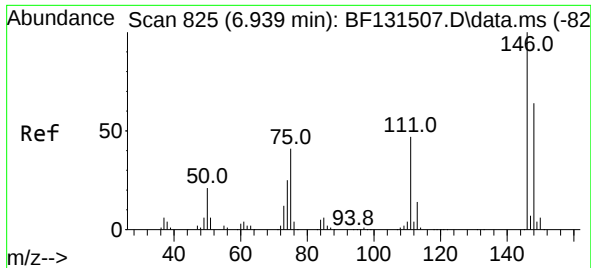
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#12
1,3-Dichlorobenzene
Concen: 40.164 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

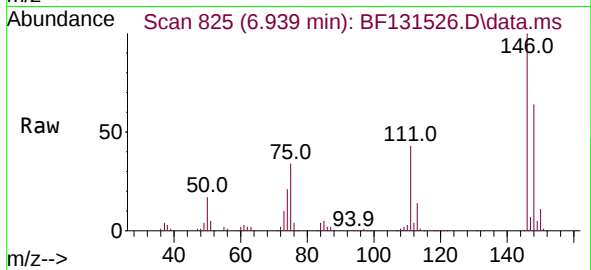
Tgt Ion:146 Resp: 313004
Ion Ratio Lower Upper
146 100
148 65.4 50.2 75.4
75 32.4 31.4 47.2





#13
1,4-Dichlorobenzene
Concen: 39.665 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

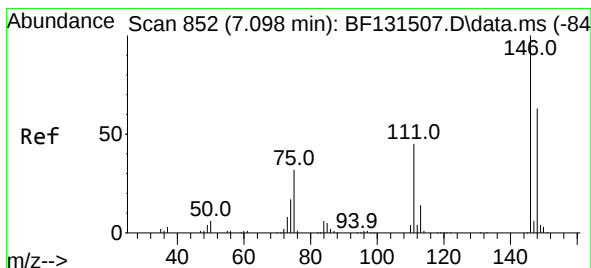
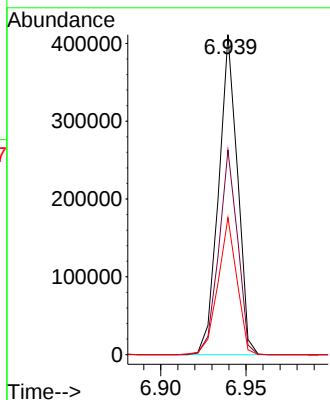
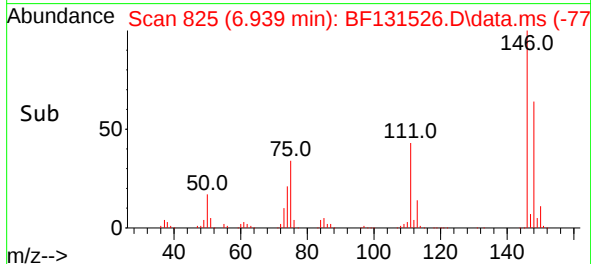
Instrument :
BNA_F
ClientSampleId :
PB149379BS



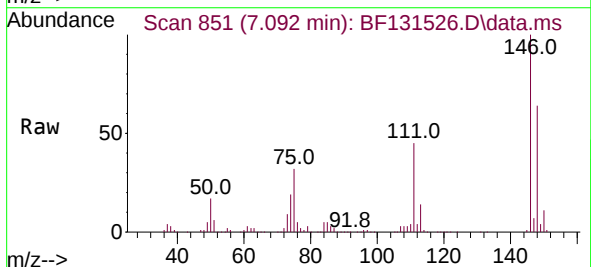
Tgt Ion:146 Resp: 315922
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 42.8 37.6 56.4

Manual Integrations
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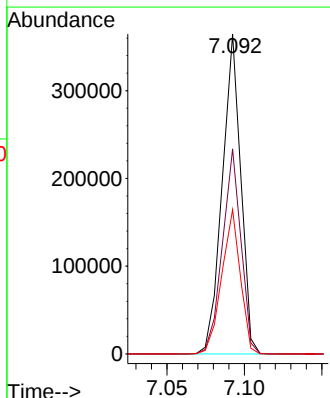
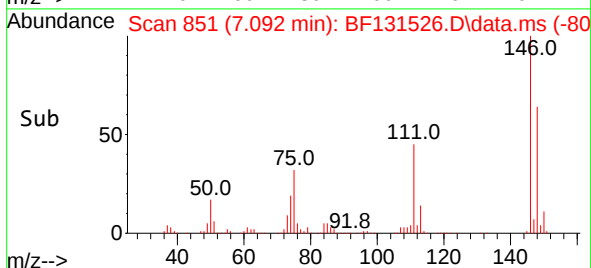
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

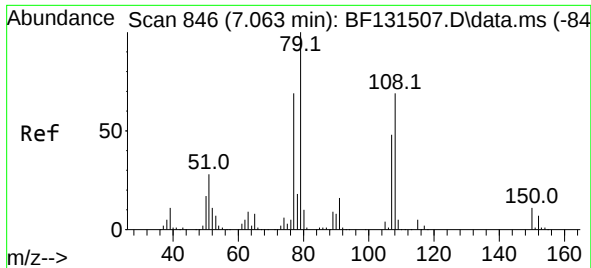


#14
1,2-Dichlorobenzene
Concen: 40.909 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



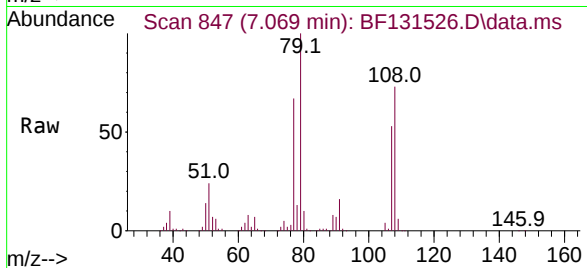
Tgt Ion:146 Resp: 303584
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 45.1 36.1 54.1





#15
Benzyl Alcohol
Concen: 33.412 ng m
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

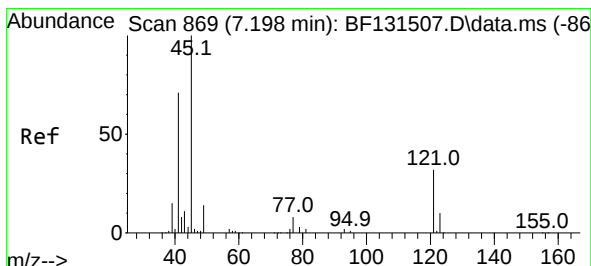
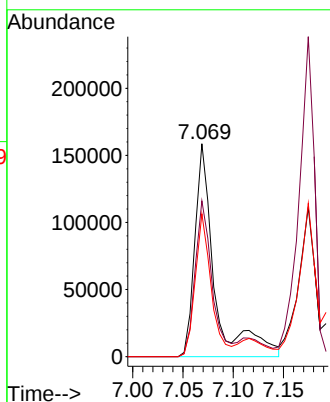
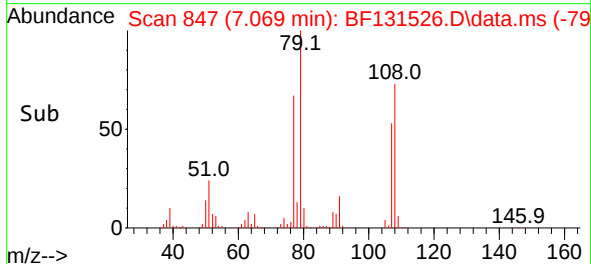
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion: 79 Resp: 218195
Ion Ratio Lower Upper
79 100
108 73.2 55.1 82.7
77 67.0 55.4 83.0

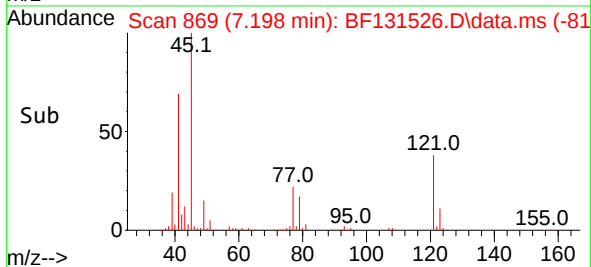
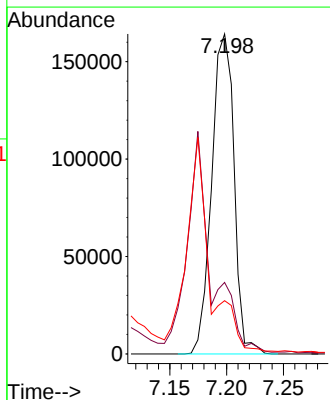
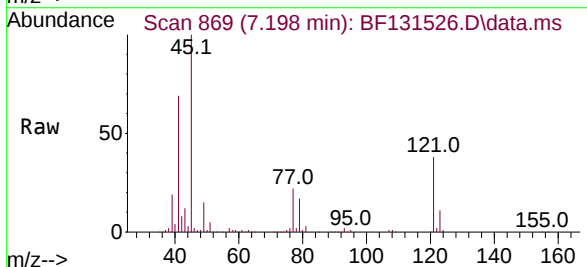
Manual Integrations
APPROVED

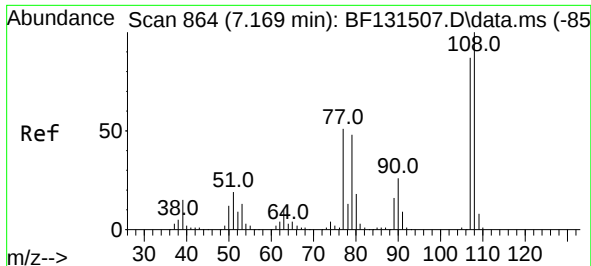
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.091 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion: 45 Resp: 224382
Ion Ratio Lower Upper
45 100
77 22.3 1.8 41.8
79 16.6 0.0 36.4





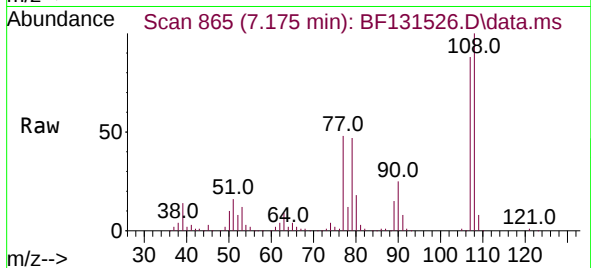
#17
2-Methylphenol
Concen: 40.020 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

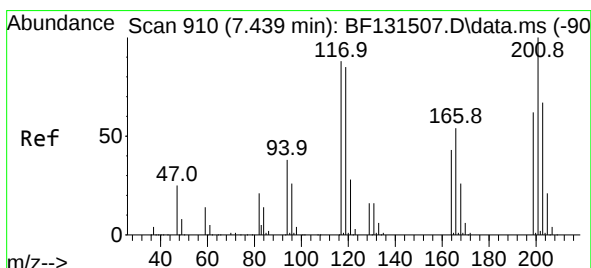
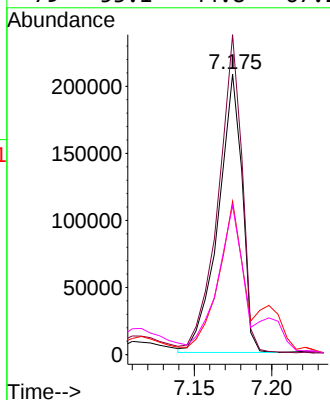
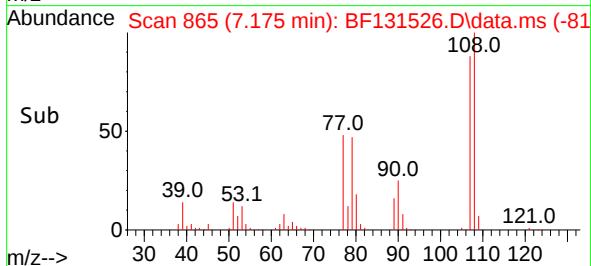


Tgt Ion:107 Resp: 223191
Ion Ratio Lower Upper
107 100
108 114.1 92.1 138.1
77 54.6 47.0 70.4
79 53.1 44.8 67.2

Manual Integrations

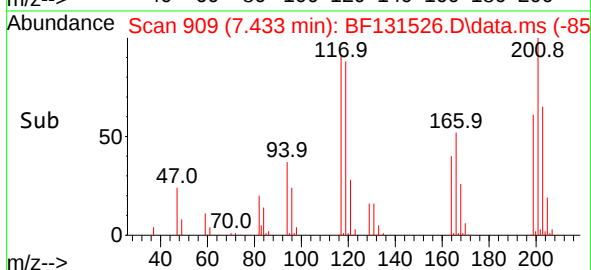
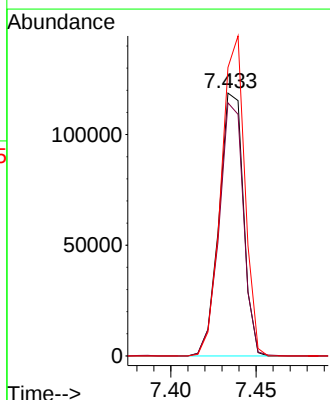
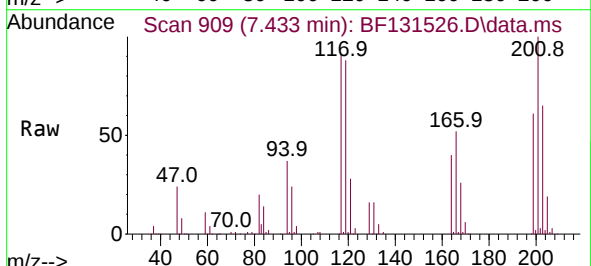
APPROVED

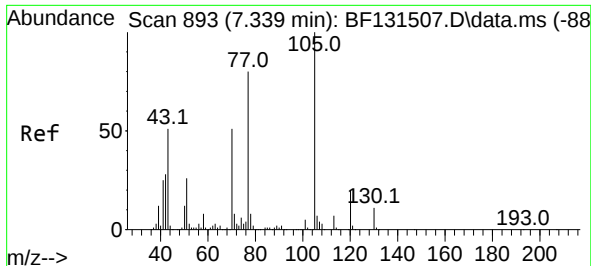
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#18
Hexachloroethane
Concen: 39.729 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

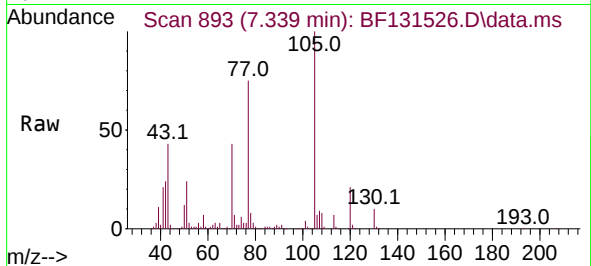
Tgt Ion:117 Resp: 117561
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.8
201 109.7 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 35.116 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

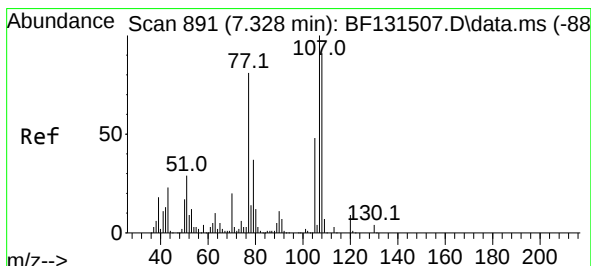
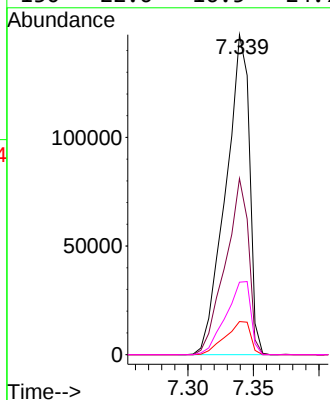
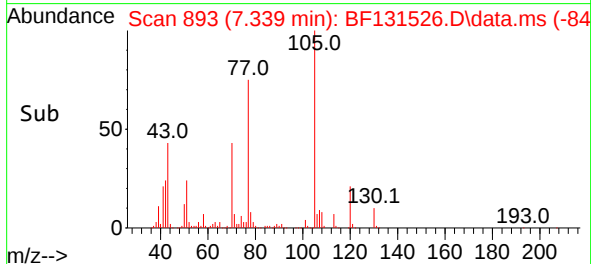
Instrument :
BNA_F
ClientSampleId :
PB149379BS



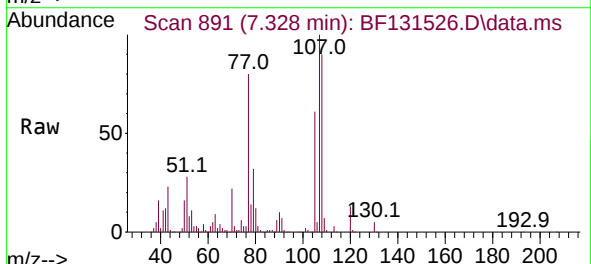
Tgt Ion: 70 Resp: 185558
Ion Ratio Lower Upper
70 100
42 55.0 44.1 66.1
101 10.3 7.7 11.5
130 22.6 16.5 24.7

Manual Integrations
APPROVED

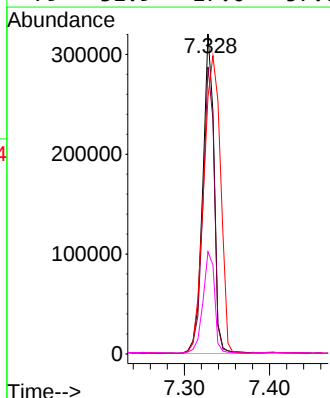
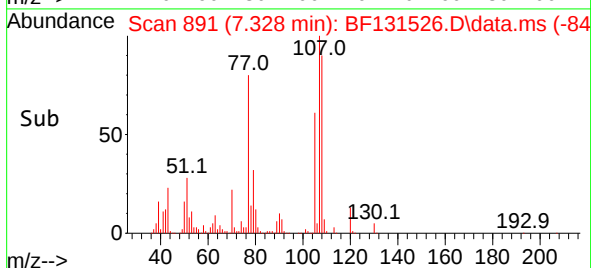
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

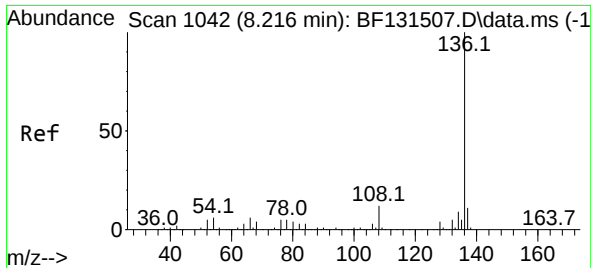


#20
3+4-Methylphenols
Concen: 39.269 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:107 Resp: 296165
Ion Ratio Lower Upper
107 100
108 89.7 70.8 110.8
77 80.2 60.7 100.7
79 31.9 17.0 57.0





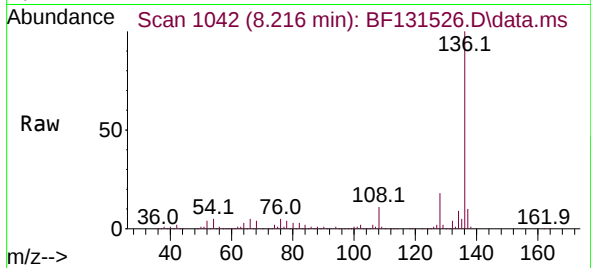
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

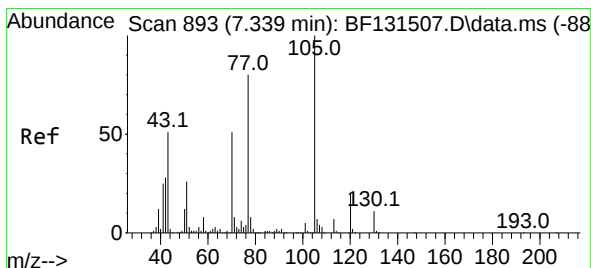
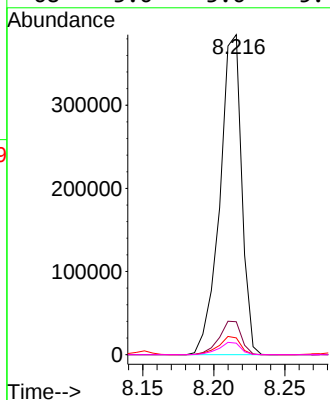
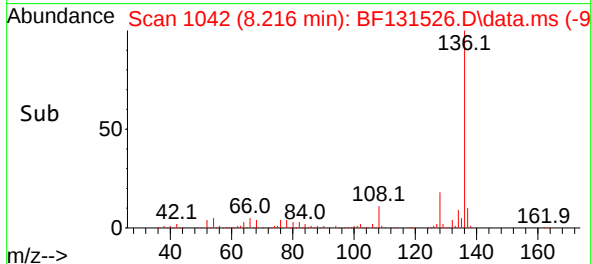


Tgt Ion:136 Resp: 411566
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.2 5.0 7.6
68 3.6 3.6 5.4#

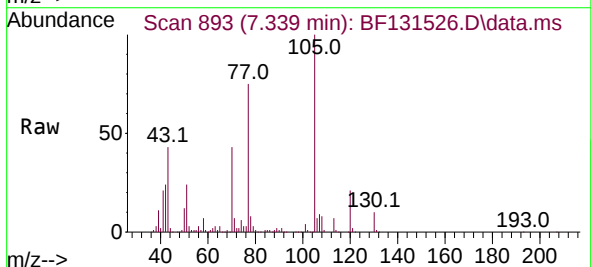
Manual Integrations

APPROVED

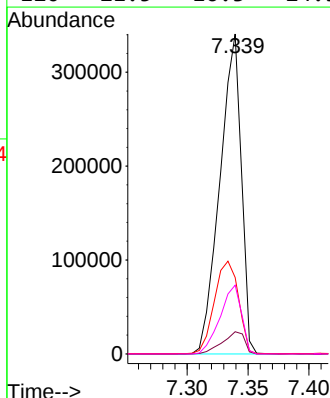
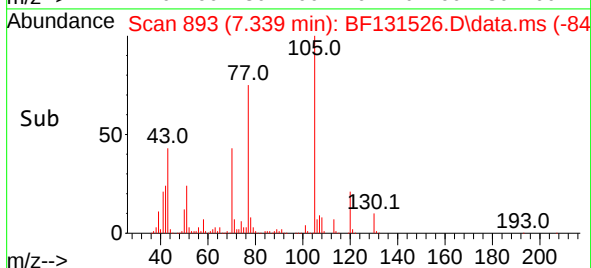
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

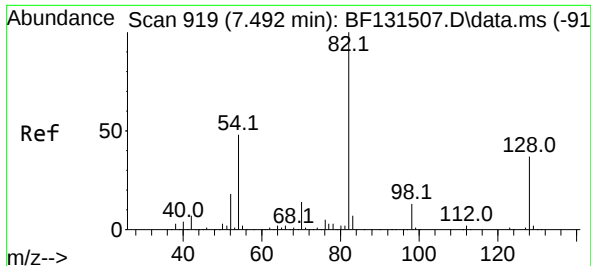


#22
Acetophenone
Concen: 37.261 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



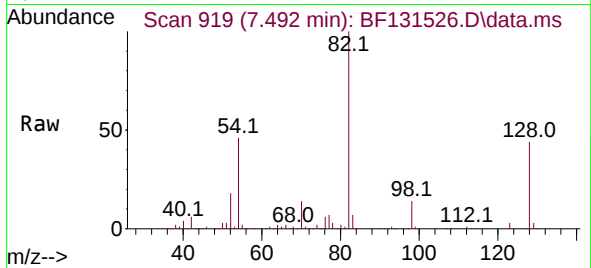
Tgt Ion:105 Resp: 416127
Ion Ratio Lower Upper
105 100
71 6.9 6.6 10.0
51 23.9 21.0 31.6
120 21.5 16.3 24.5





#23
Nitrobenzene-d5
Concen: 63.800 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

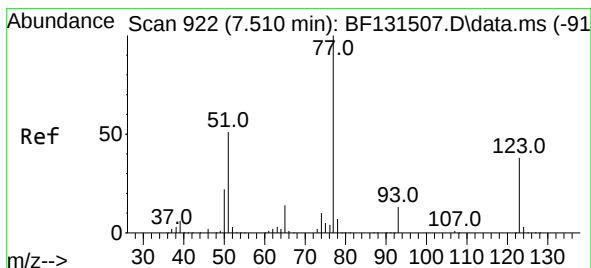
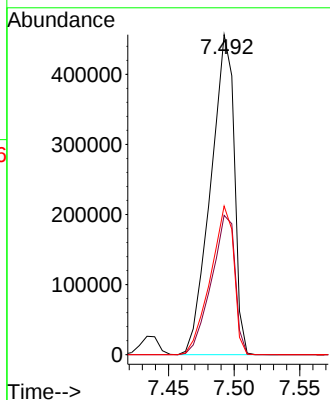
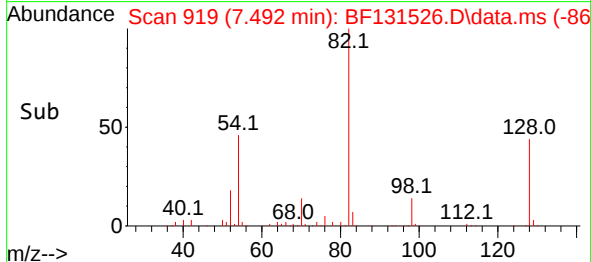
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion: 82 Resp: 572119
Ion Ratio Lower Upper
82 100
128 43.5 29.7 44.5
54 46.4 38.7 58.1

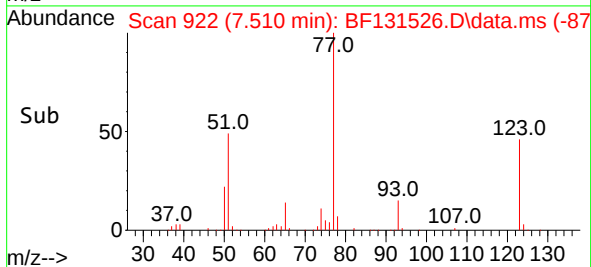
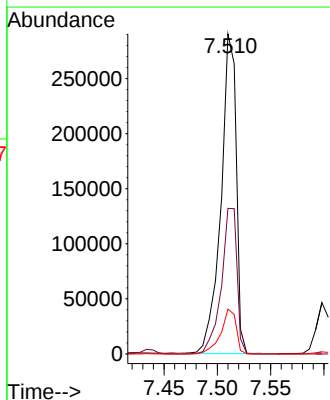
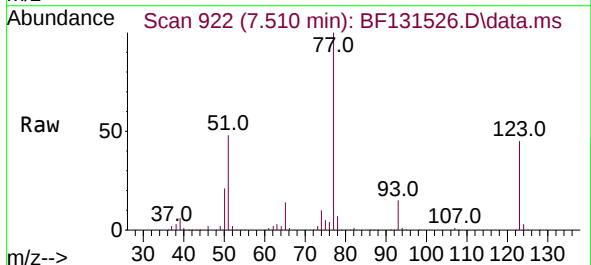
Manual Integrations
APPROVED

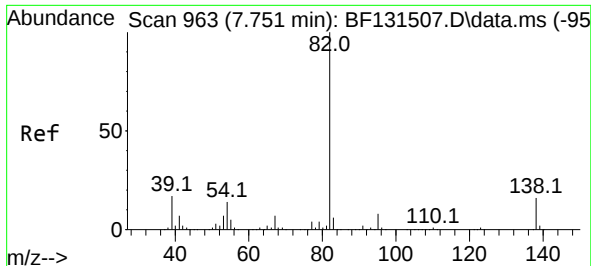
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#24
Nitrobenzene
Concen: 32.256 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

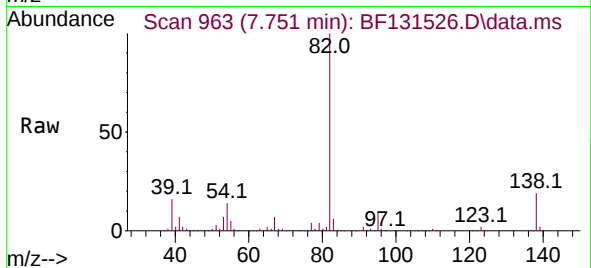
Tgt Ion: 77 Resp: 291846
Ion Ratio Lower Upper
77 100
123 45.5 31.0 46.4
65 14.0 11.4 17.2





#25
Isophorone
Concen: 37.067 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

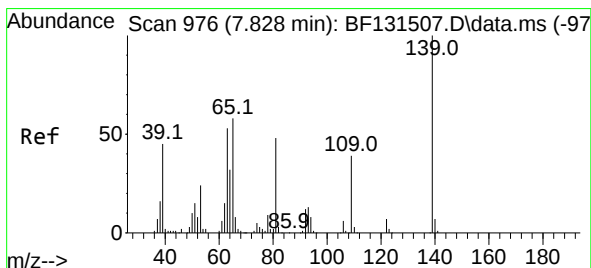
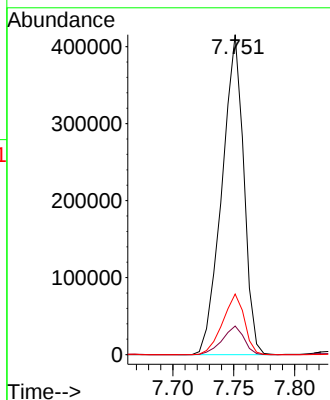
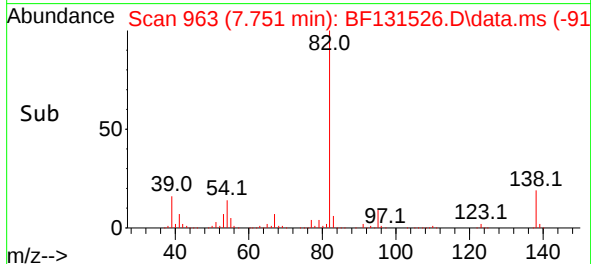
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion: 82 Resp: 517052
Ion Ratio Lower Upper
82 100
95 8.9 6.6 9.8
138 18.9 12.7 19.1

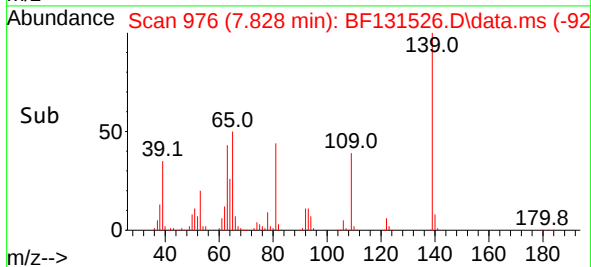
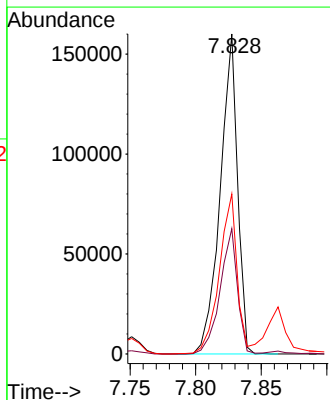
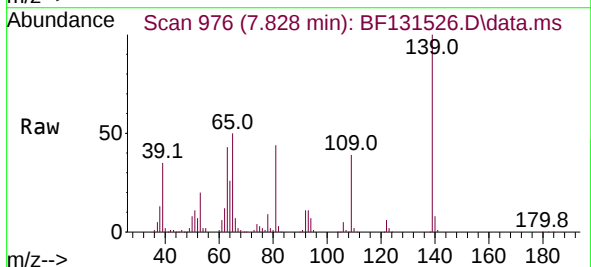
Manual Integrations
APPROVED

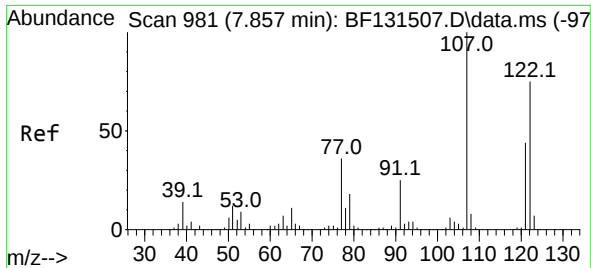
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#26
2-Nitrophenol
Concen: 44.559 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion:139 Resp: 147613
Ion Ratio Lower Upper
139 100
109 39.1 31.6 47.4
65 50.0 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 48.682 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.006 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

Tgt Ion:122 Resp: 264786

Ion Ratio Lower Upper

122 100

107 126.5 106.8 160.2

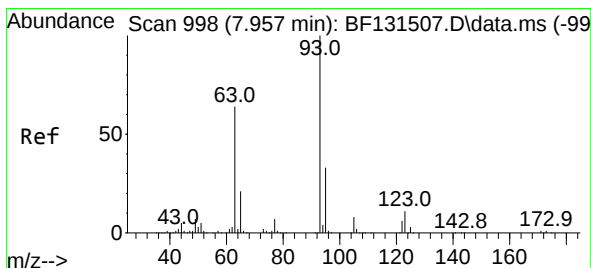
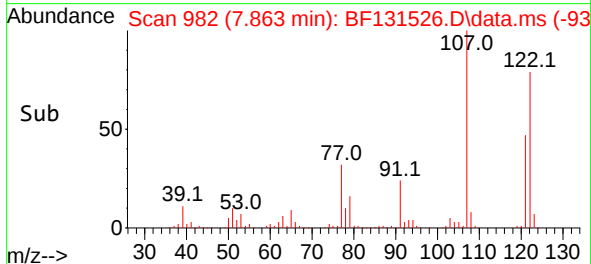
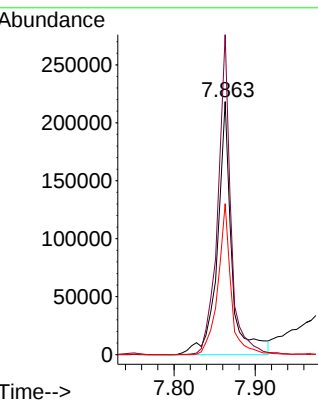
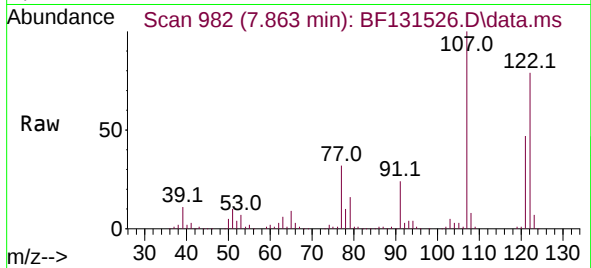
121 59.6 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.265 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.006 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

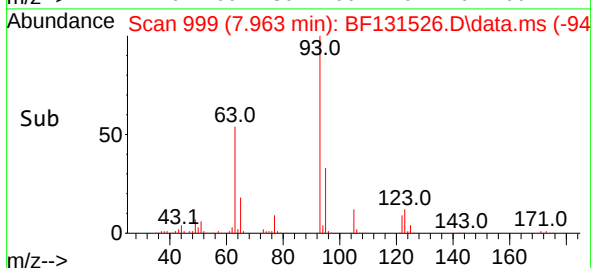
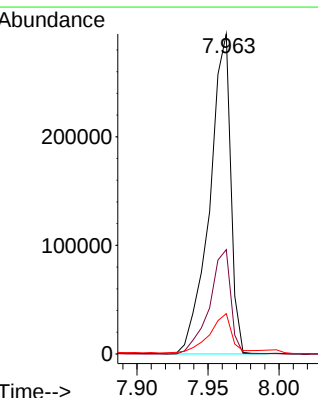
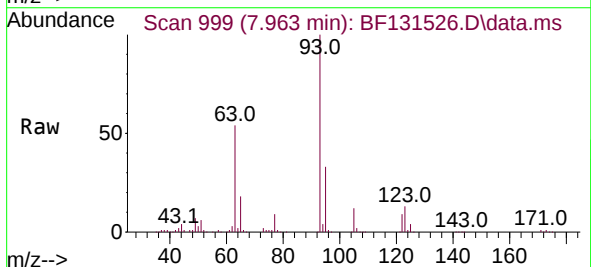
Tgt Ion: 93 Resp: 303634

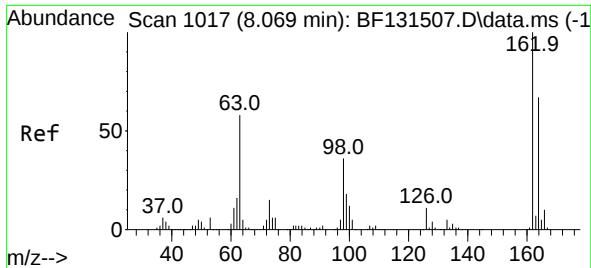
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.285 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

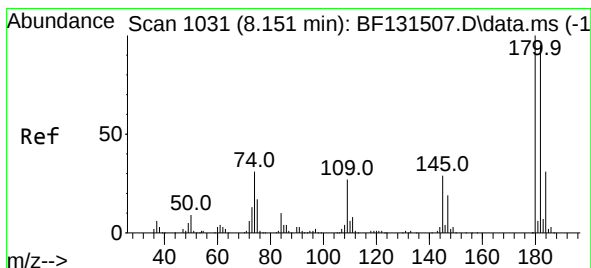
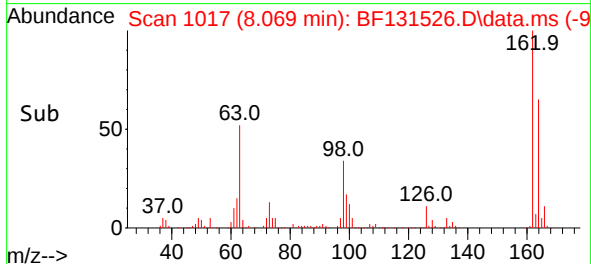
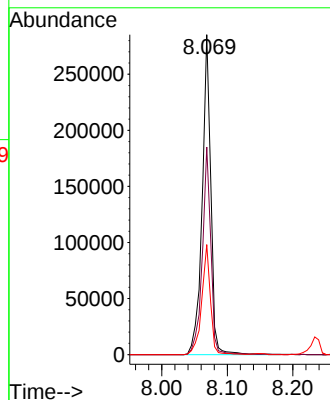
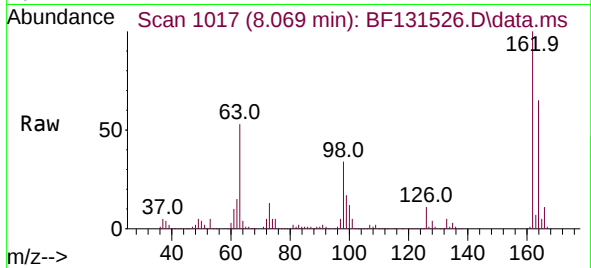
PB149379BS

Tgt Ion:162 Resp: 260089
 Ion Ratio Lower Upper
 162 100
 164 64.9 47.3 87.3
 98 34.4 16.3 56.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.024 ng

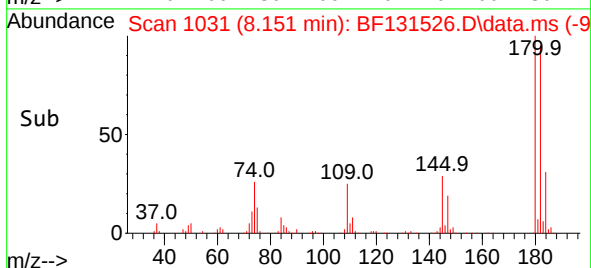
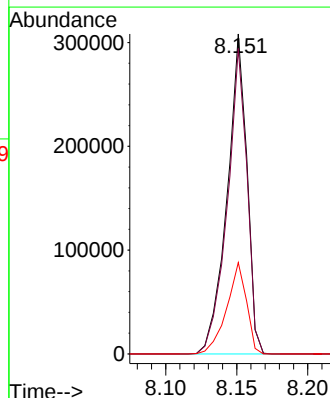
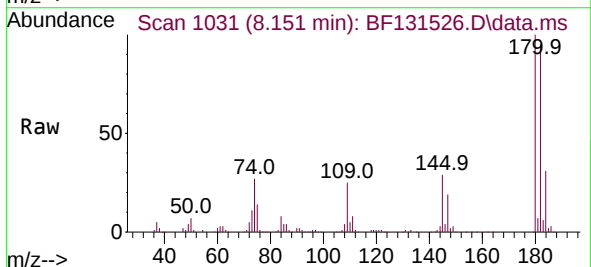
RT: 8.151 min Scan# 1031

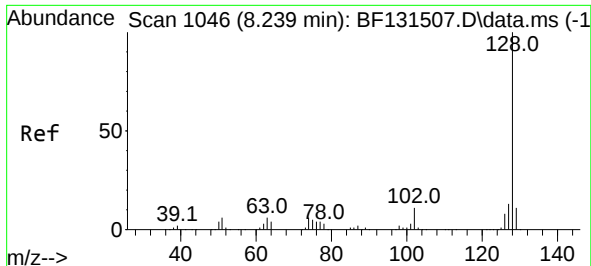
Delta R.T. -0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Tgt Ion:180 Resp: 299324
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 28.5 23.3 34.9





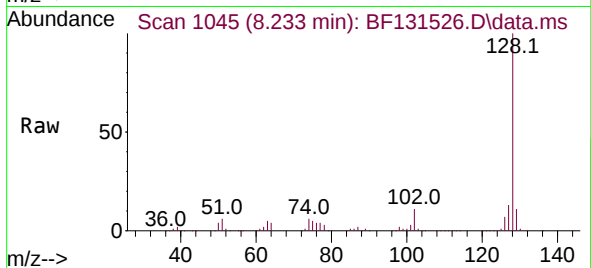
#31
Naphthalene
Concen: 35.614 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

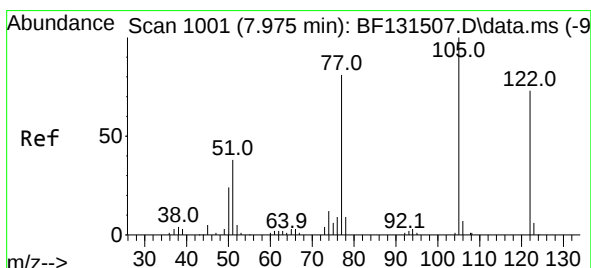
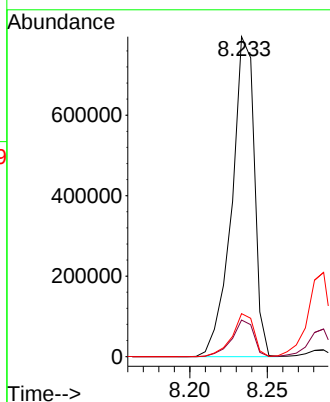
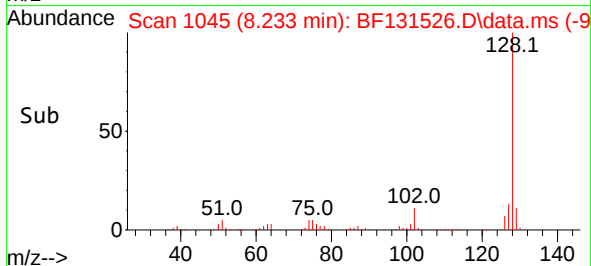


Tgt Ion:128 Resp: 81033
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.6 16.0

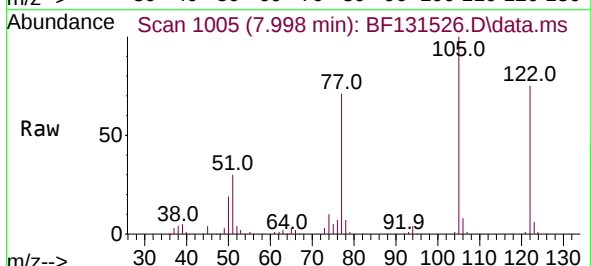
Manual Integrations

APPROVED

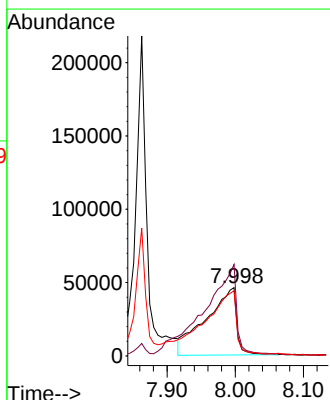
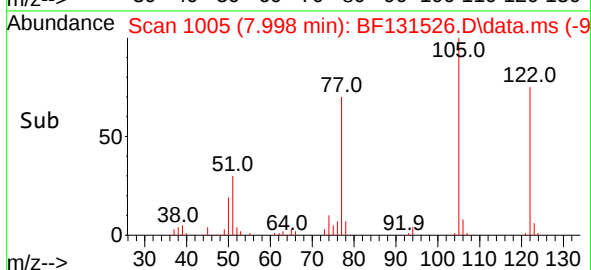
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

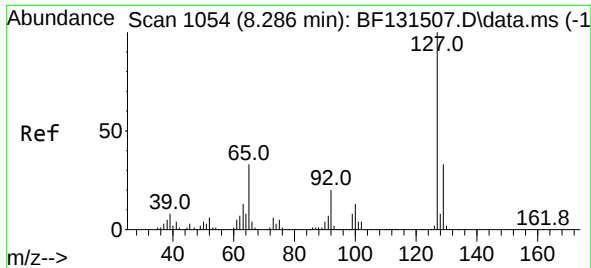


#32
Benzoic acid
Concen: 43.958 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.023 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:122 Resp: 144183
Ion Ratio Lower Upper
122 100
105 134.0 114.0 154.0
77 95.5 90.3 130.3





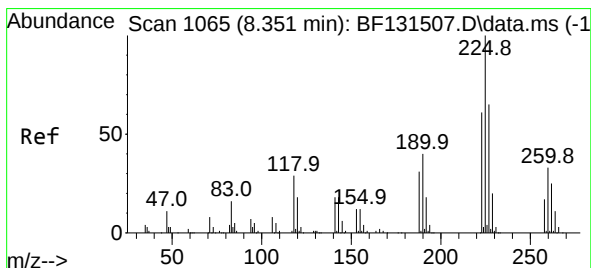
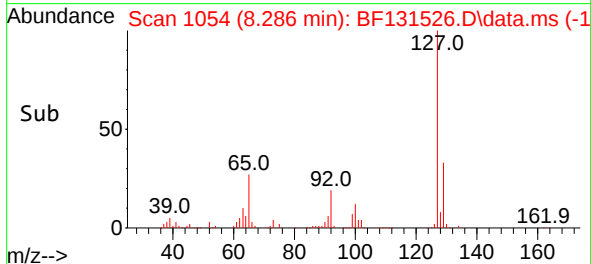
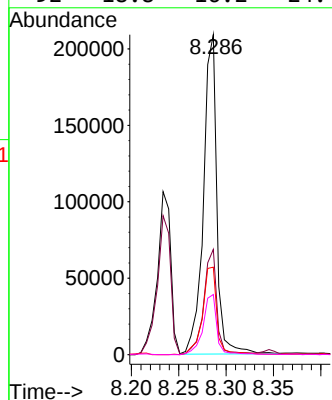
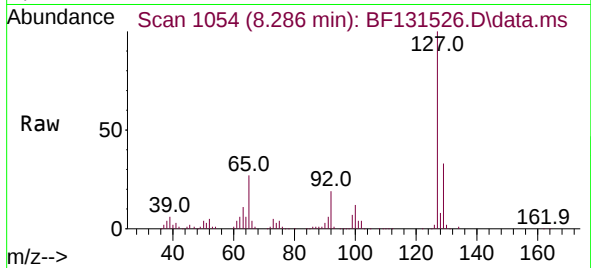
#33
4-Chloroaniline
Concen: 24.253 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :
BNA_F
ClientSampleId :
PB149379BS

Tgt Ion:	127	Resp:	206689
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.5	39.7
65	27.3	26.4	39.6
92	18.8	16.2	24.4

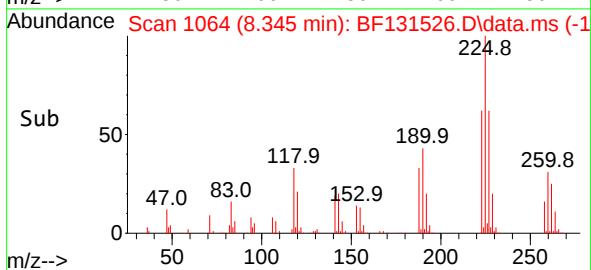
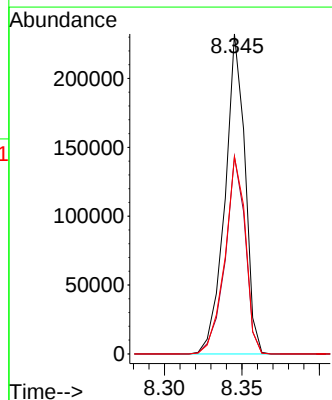
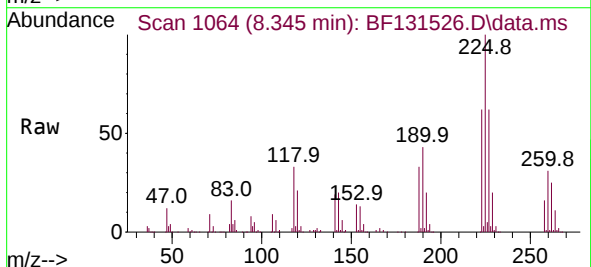
Manual Integrations
APPROVED

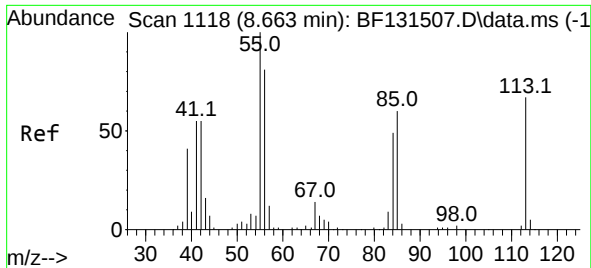
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#34
Hexachlorobutadiene
Concen: 37.135 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

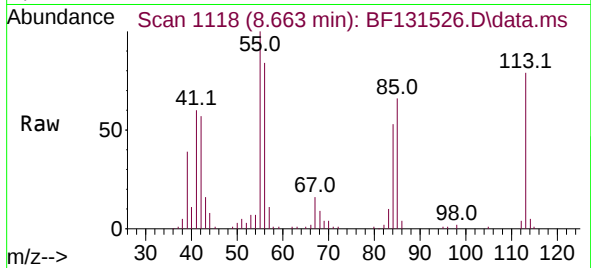
Tgt Ion:	225	Resp:	208790
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.2	73.8
227	61.6	51.7	77.5





#35
Caprolactam
Concen: 39.836 ng m
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

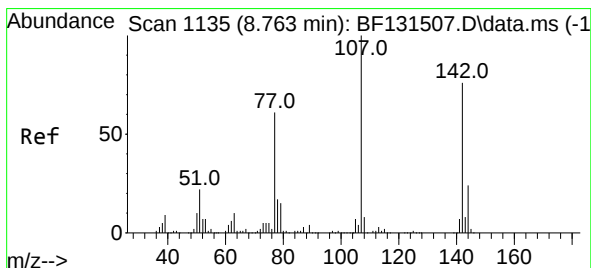
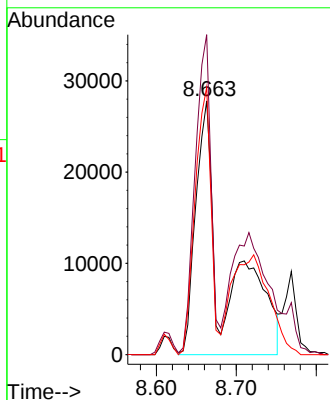
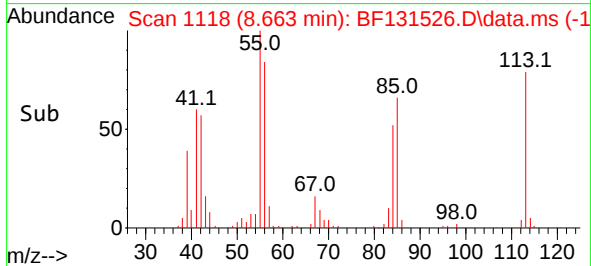
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion:113 Resp: 70449
Ion Ratio Lower Upper
113 100
55 126.1 128.2 168.2
56 105.4 100.7 140.7

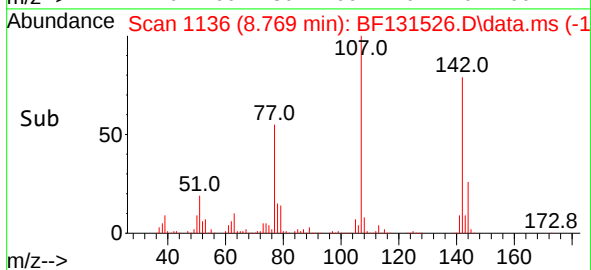
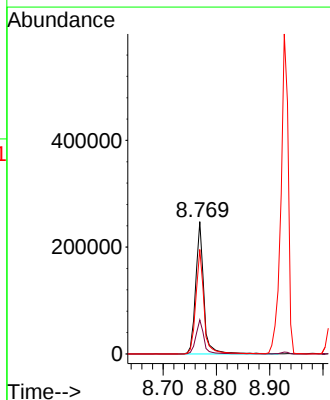
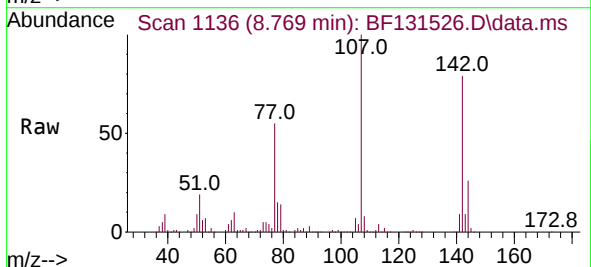
Manual Integrations
APPROVED

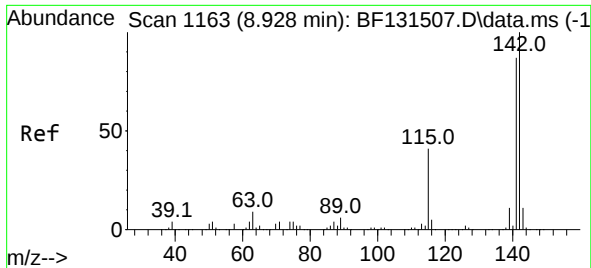
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#36
4-Chloro-3-methylphenol
Concen: 38.734 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion:107 Resp: 260854
Ion Ratio Lower Upper
107 100
144 25.7 19.4 29.0
142 79.0 61.1 91.7





#37
2-Methylnaphthalene
Concen: 37.516 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

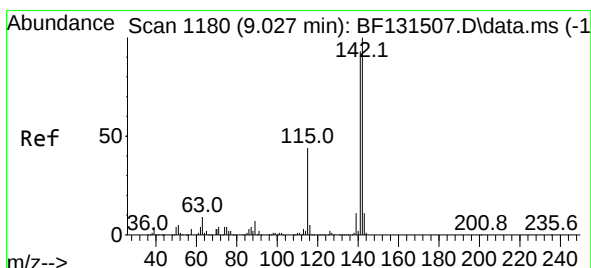
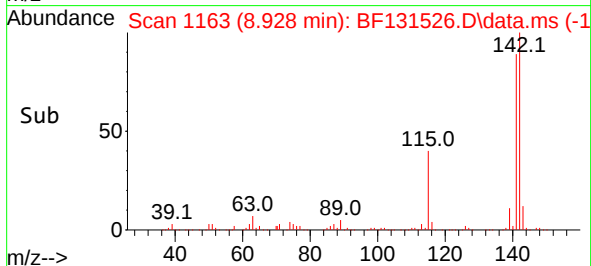
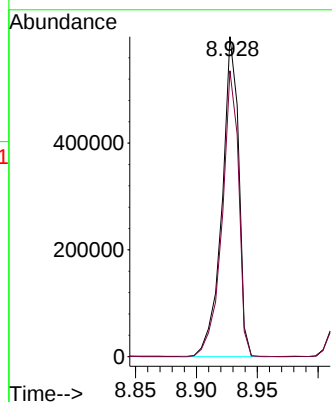
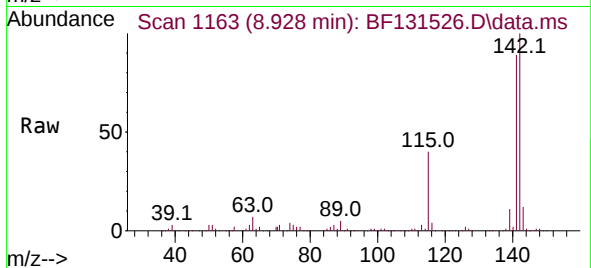
ClientSampleId :

PB149379BS

Tgt Ion:142 Resp: 571217
Ion Ratio Lower Upper
142 100
141 89.3 69.7 104.5

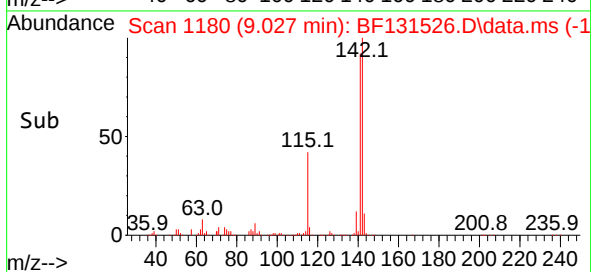
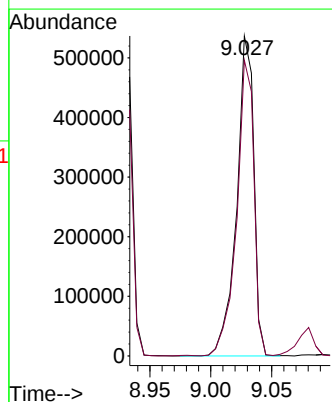
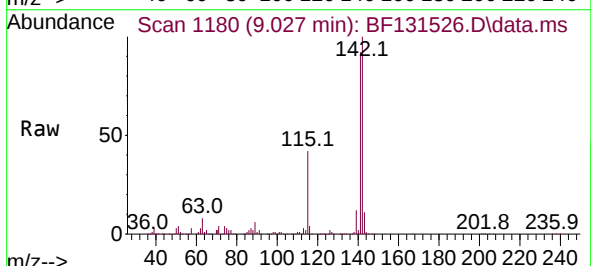
Manual Integrations
APPROVED

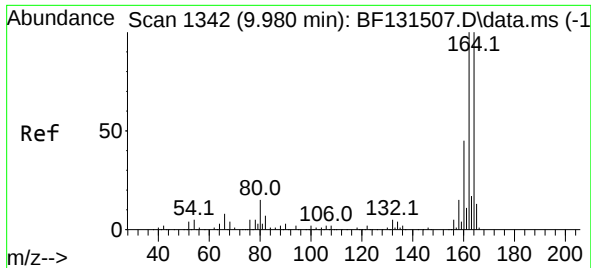
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#38
1-Methylnaphthalene
Concen: 35.997 ng
RT: 9.027 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

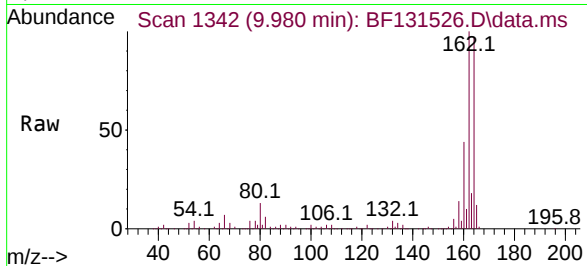
Tgt Ion:142 Resp: 526653
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

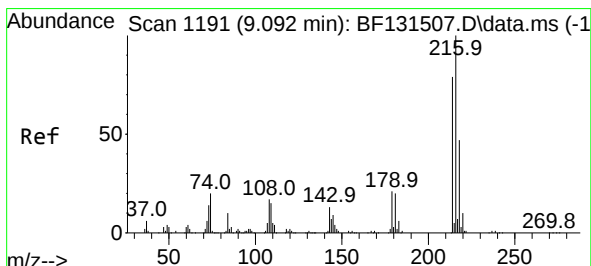
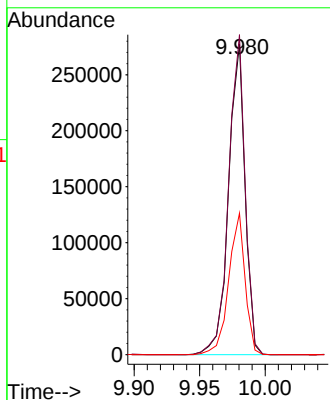
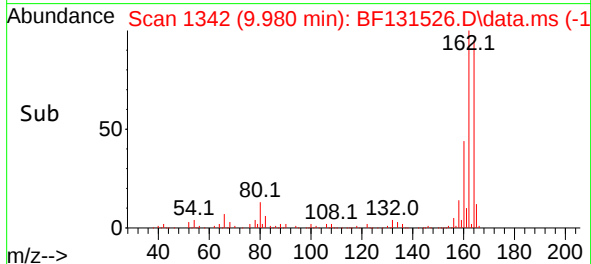
Instrument :
BNA_F
ClientSampleId :
PB149379BS



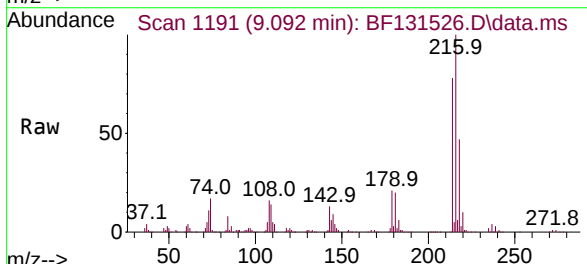
Tgt Ion:164 Resp: 242581
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 45.5 36.4 54.6

Manual Integrations
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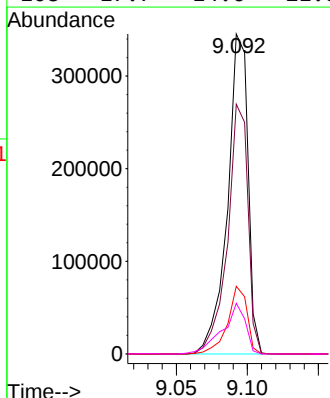
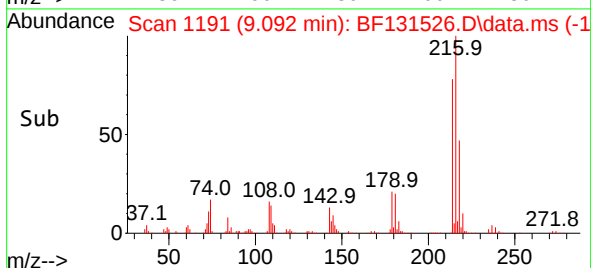
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

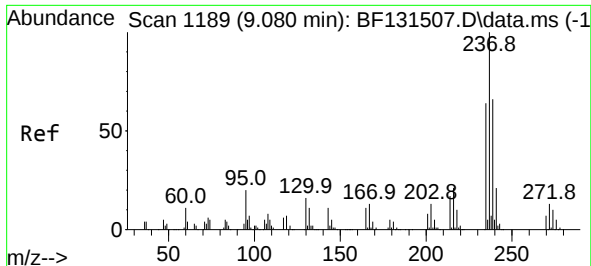


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.694 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



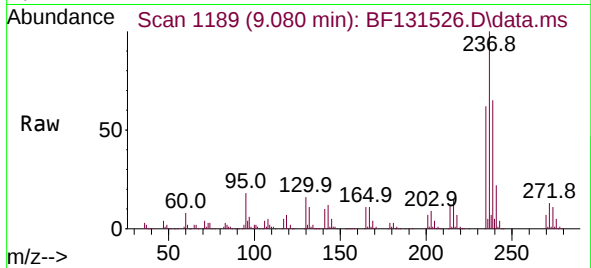
Tgt Ion:216 Resp: 346741
Ion Ratio Lower Upper
216 100
214 77.3 62.2 93.4
179 20.0 16.4 24.6
108 17.7 14.6 21.8





#41
Hexachlorocyclopentadiene
Concen: 102.565 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

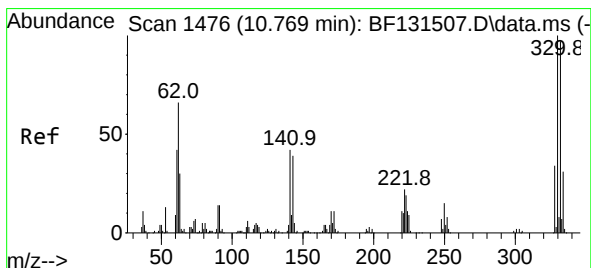
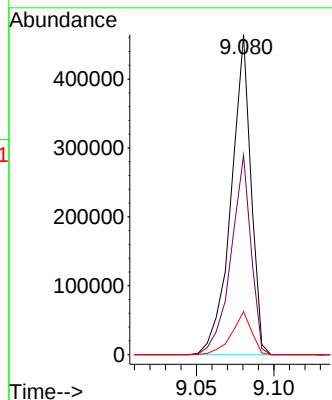
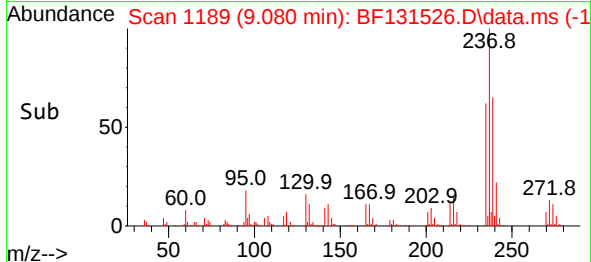
Instrument :
BNA_F
ClientSampleId :
PB149379BS



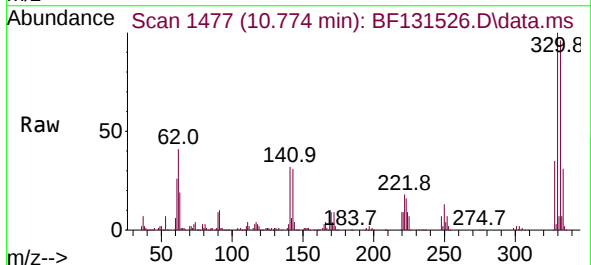
Tgt Ion:237 Resp: 414020
Ion Ratio Lower Upper
237 100
235 62.3 44.2 84.2
272 13.4 0.0 32.9

Manual Integrations
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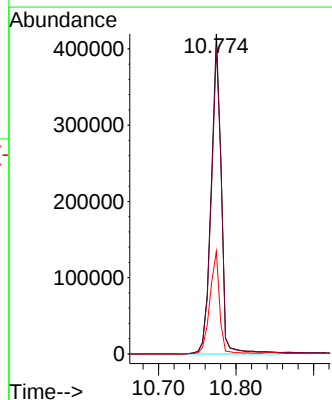
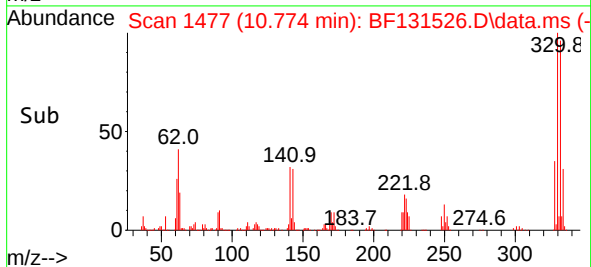
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

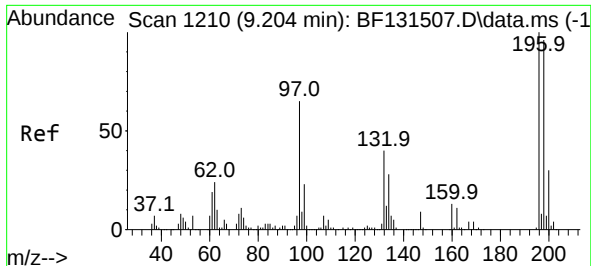


#42
2,4,6-Tribromophenol
Concen: 136.955 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.005 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:330 Resp: 378285
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.2
141 30.9 29.1 43.7





#43

2,4,6-Trichlorophenol

Concen: 35.463 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF131526.D

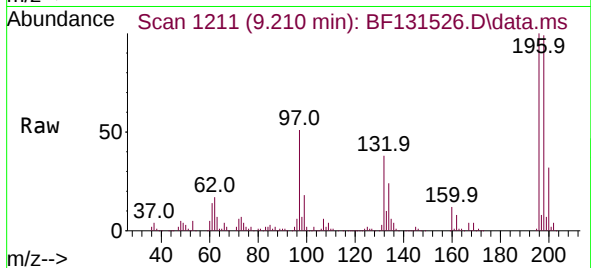
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS



Tgt Ion:196 Resp: 192138

Ion Ratio Lower Upper

196 100

198 99.0 76.5 114.7

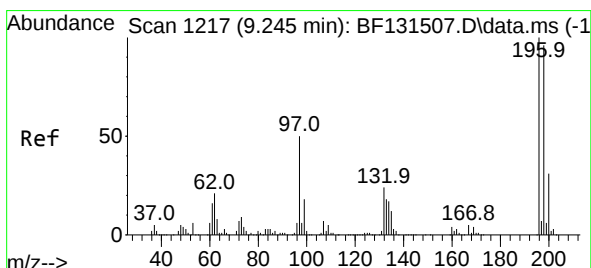
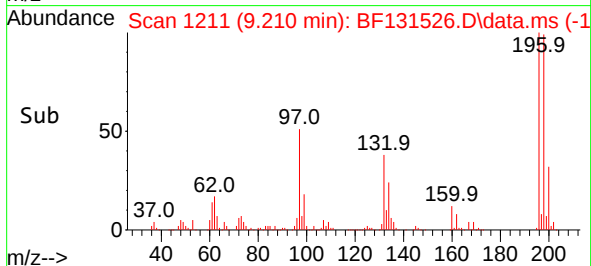
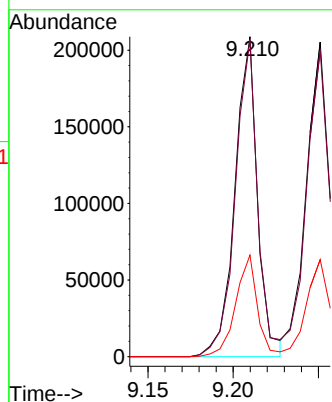
200 31.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#44

2,4,5-Trichlorophenol

Concen: 40.255 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Tgt Ion:196 Resp: 232599

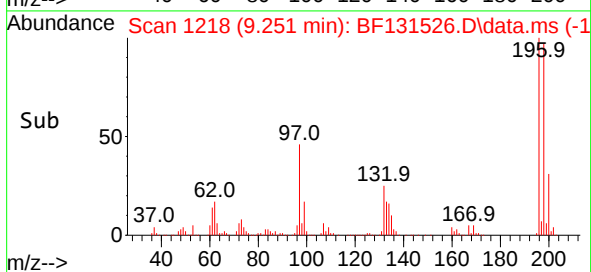
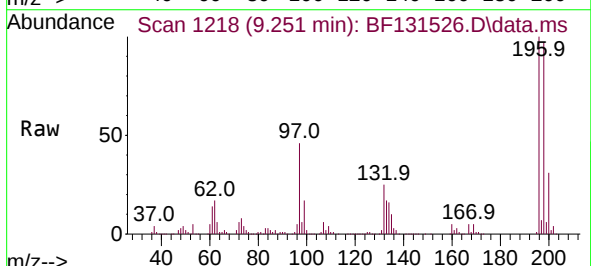
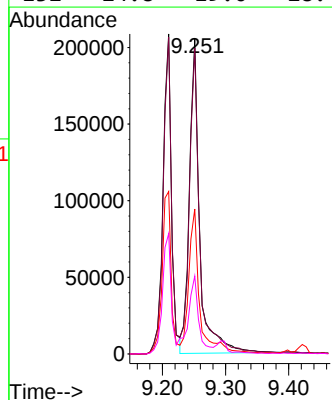
Ion Ratio Lower Upper

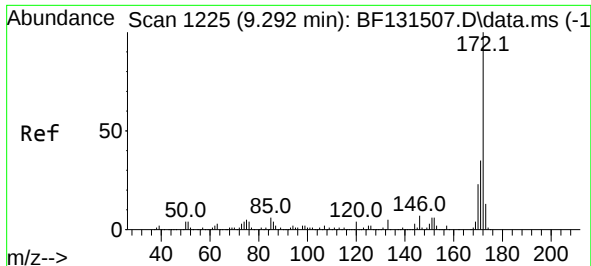
196 100

198 97.3 76.6 114.8

97 46.1 40.6 61.0

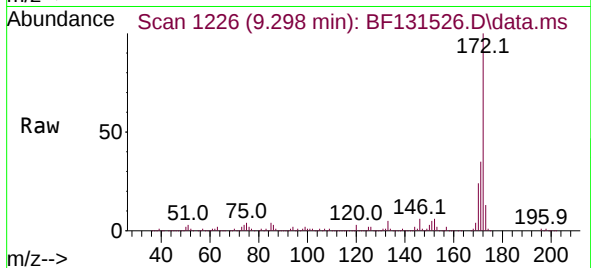
132 24.8 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 72.436 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

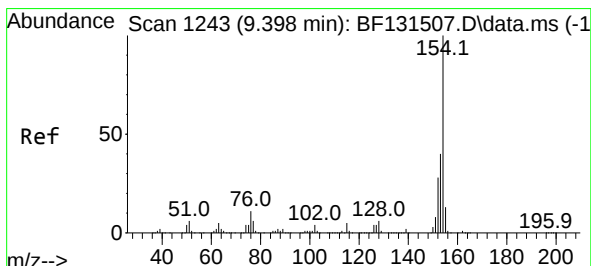
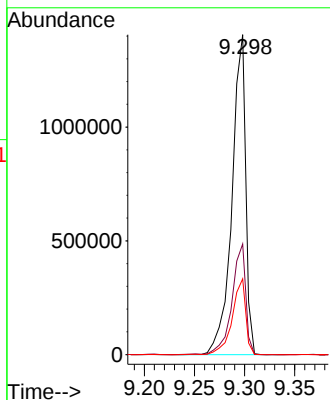
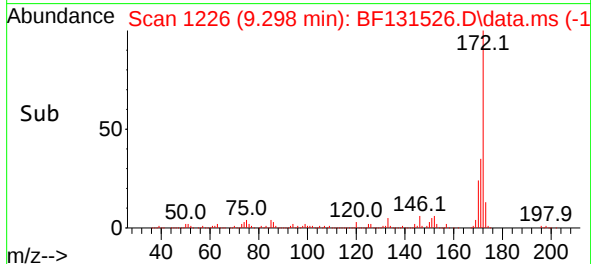
Instrument :
BNA_F
ClientSampleId :
PB149379BS



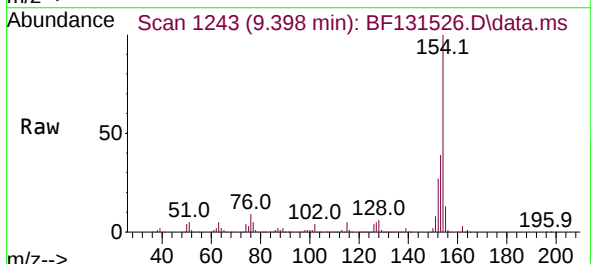
Tgt Ion:172 Resp: 1339440
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.7 18.7 28.1

Manual Integrations
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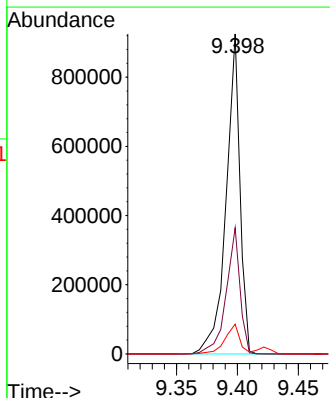
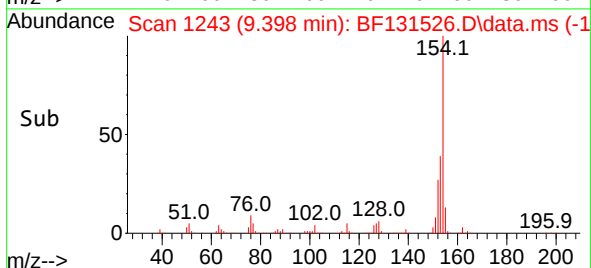
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

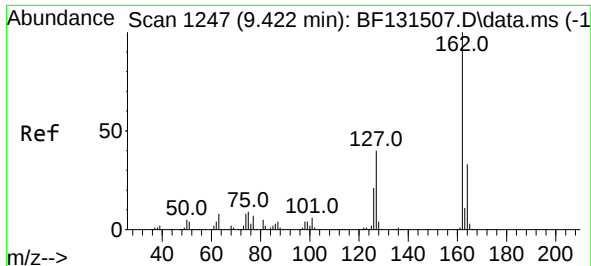


#46
1,1'-Biphenyl
Concen: 38.107 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:154 Resp: 728914
Ion Ratio Lower Upper
154 100
153 39.5 20.3 60.3
76 9.3 0.0 30.9





#47

2-Chloronaphthalene

Concen: 36.769 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

Tgt Ion:162 Resp: 574518

Ion Ratio Lower Upper

162 100

127 40.5 32.6 48.8

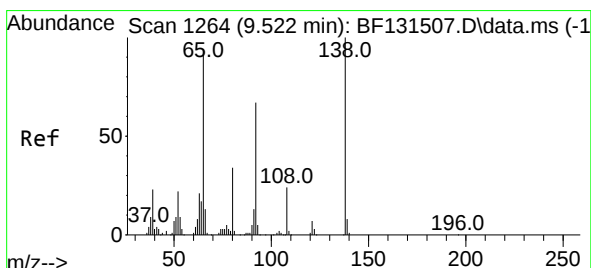
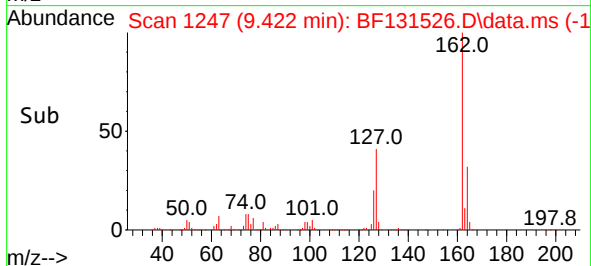
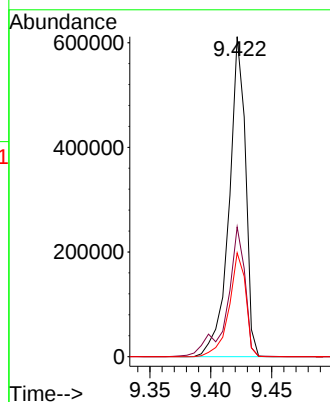
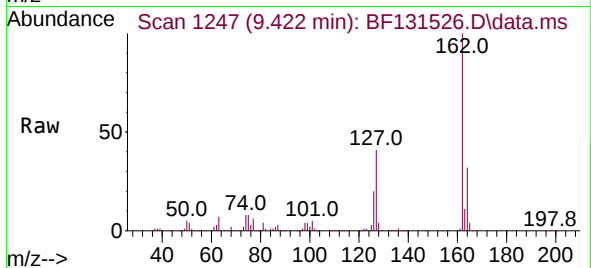
164 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#48

2-Nitroaniline

Concen: 32.577 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

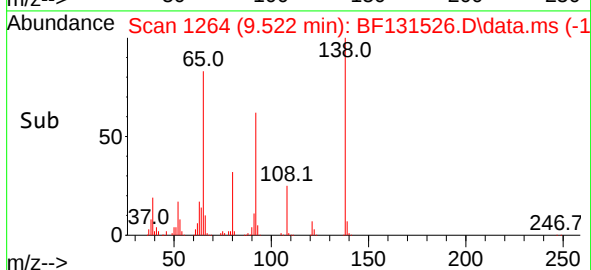
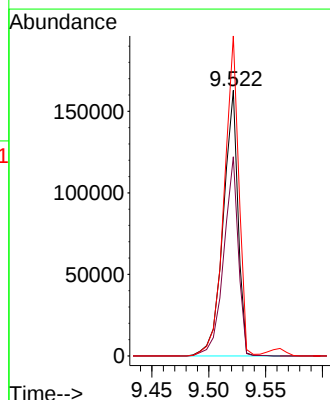
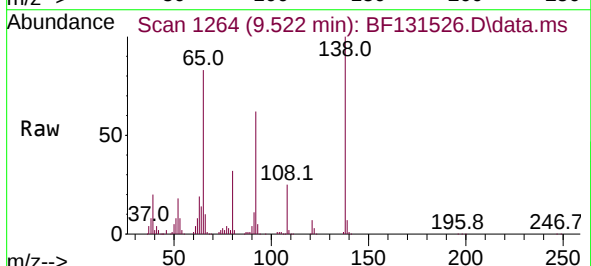
Tgt Ion: 65 Resp: 147075

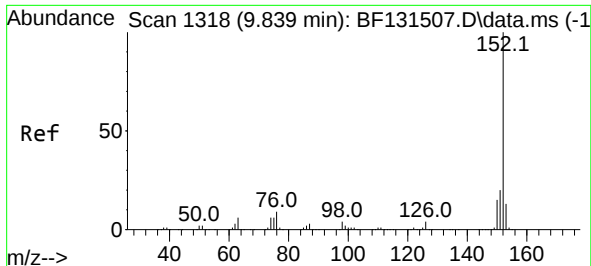
Ion Ratio Lower Upper

65 100

92 75.0 57.4 86.0

138 120.5 85.4 128.0





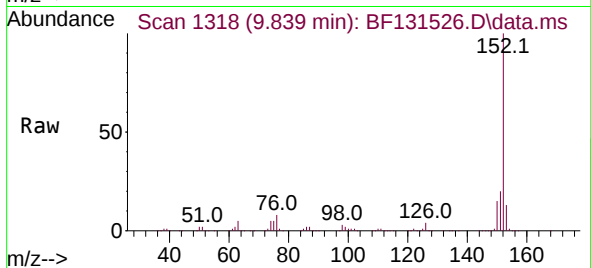
#49
Acenaphthylene
Concen: 37.098 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

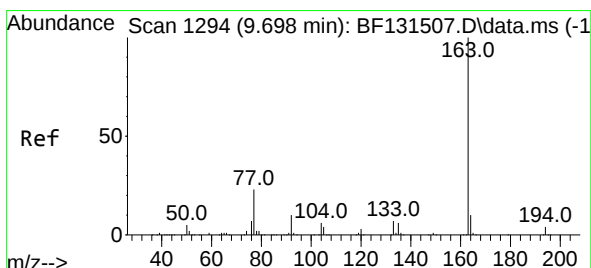
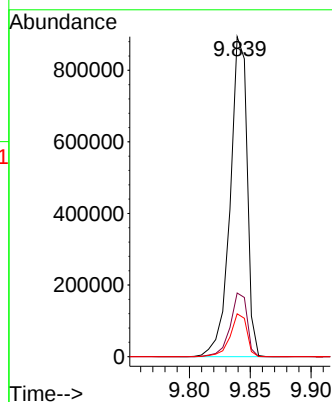
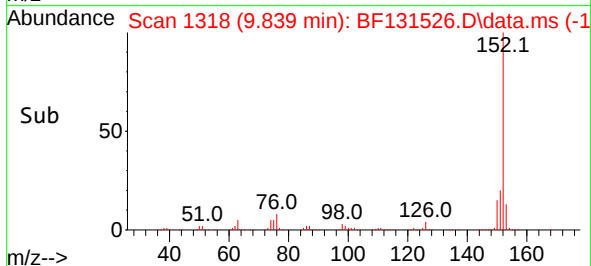


Tgt Ion:152 Resp: 865878
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.4 10.6 16.0

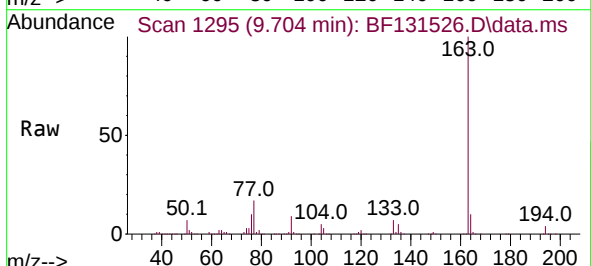
Manual Integrations

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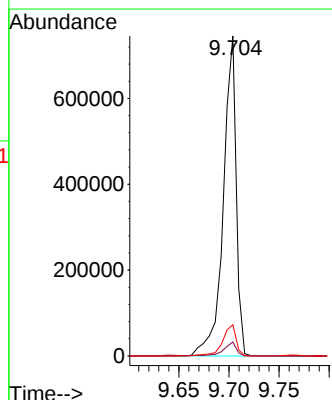
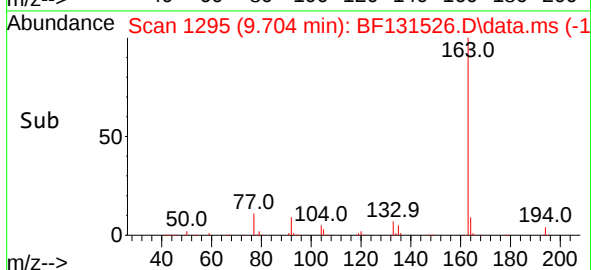
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

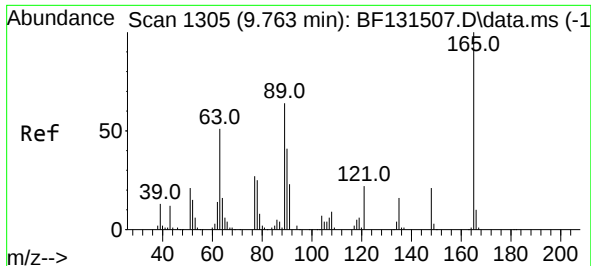


#50
Dimethylphthalate
Concen: 38.173 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



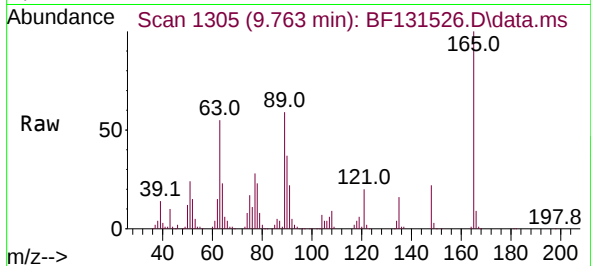
Tgt Ion:163 Resp: 669291
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 39.941 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

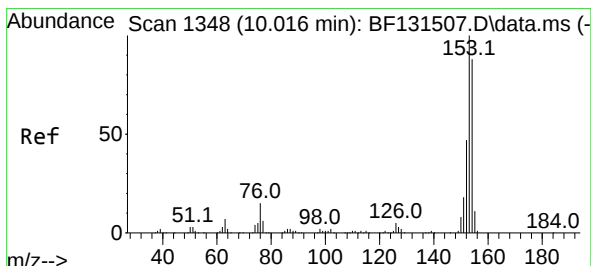
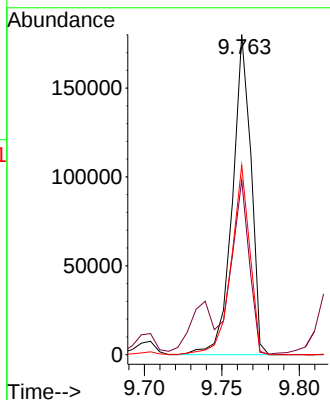
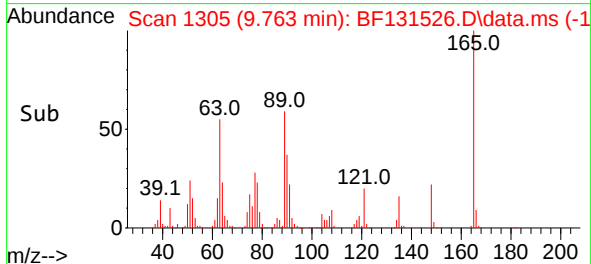
Instrument :
BNA_F
ClientSampleId :
PB149379BS



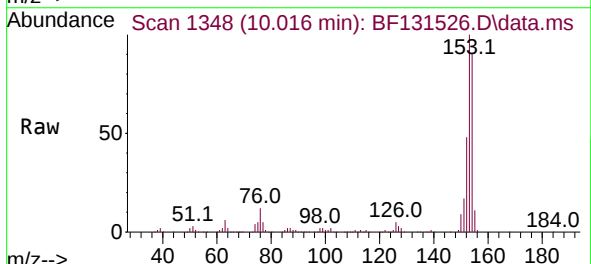
Tgt Ion:165 Resp: 149633
Ion Ratio Lower Upper
165 100
63 54.5 50.1 75.1
89 59.2 51.3 76.9

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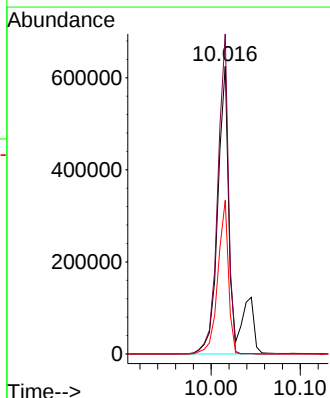
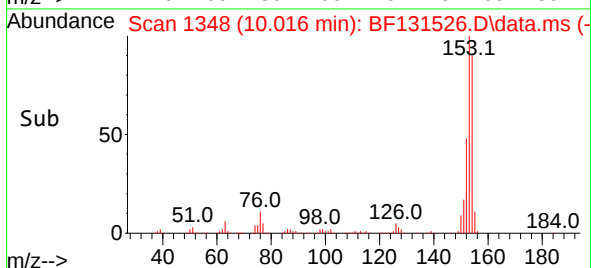
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

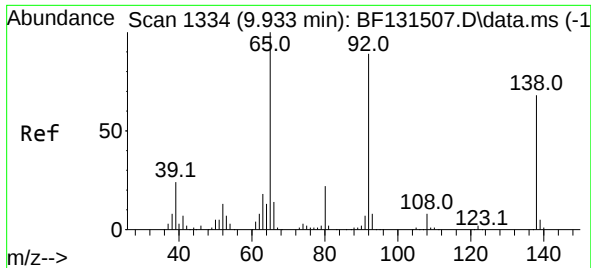


#52
Acenaphthene
Concen: 42.377 ng m
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:154 Resp: 641712
Ion Ratio Lower Upper
154 100
153 111.2 90.9 136.3
152 53.4 43.1 64.7





#53
3-Nitroaniline
Concen: 27.508 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

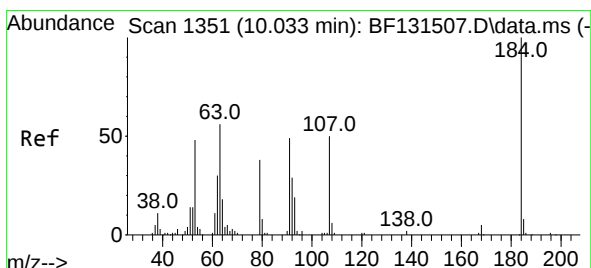
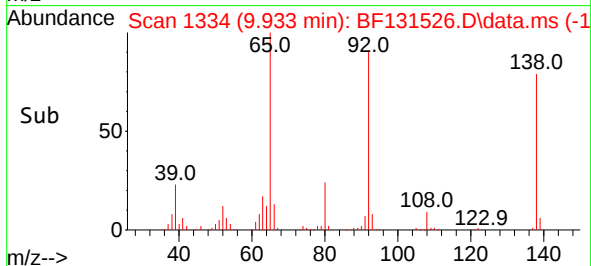
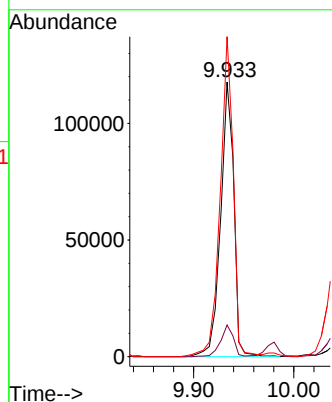
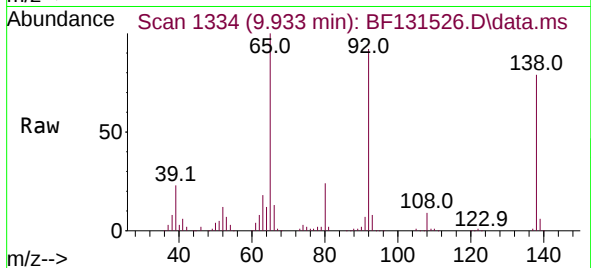
ClientSampleId :

PB149379BS

Tgt Ion:138 Resp: 10787
Ion Ratio Lower Upper
138 100
108 11.5 9.4 14.2
92 116.6 104.8 157.2

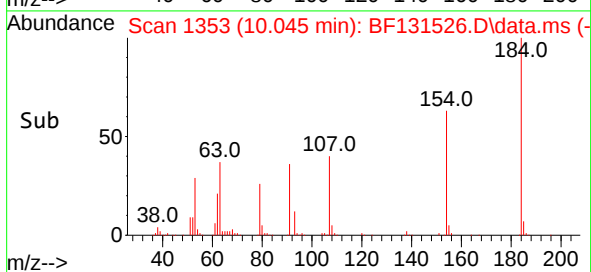
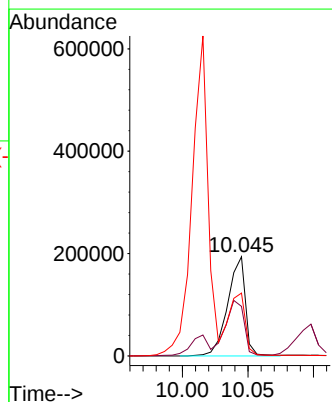
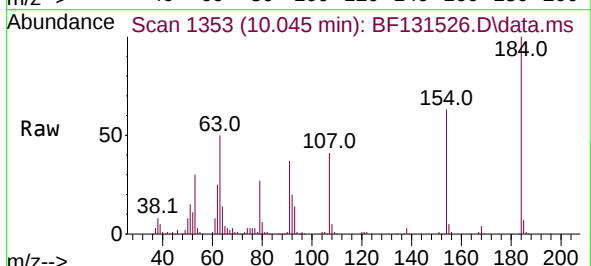
Manual Integrations
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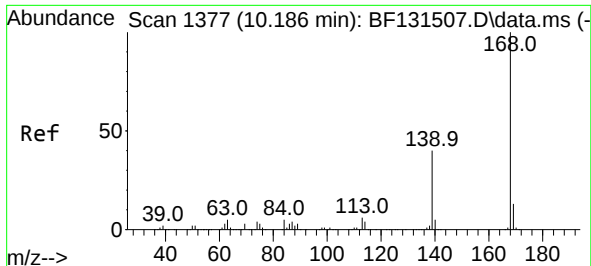
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#54
2,4-Dinitrophenol
Concen: 96.603 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion:184 Resp: 181589
Ion Ratio Lower Upper
184 100
63 50.0 61.2 91.8#
154 63.4 53.1 79.7





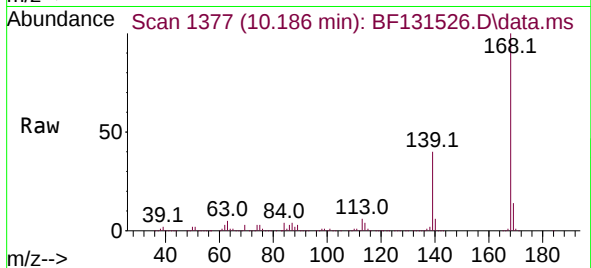
#55
Dibenzofuran
Concen: 37.313 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

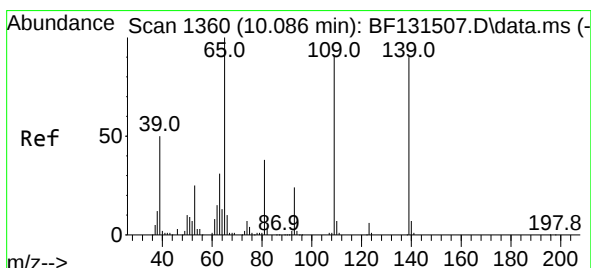
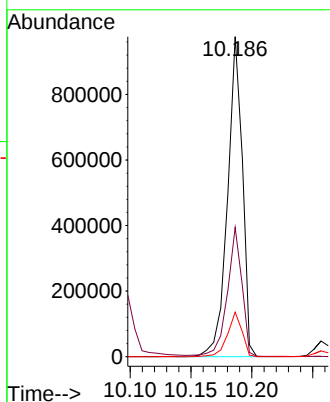
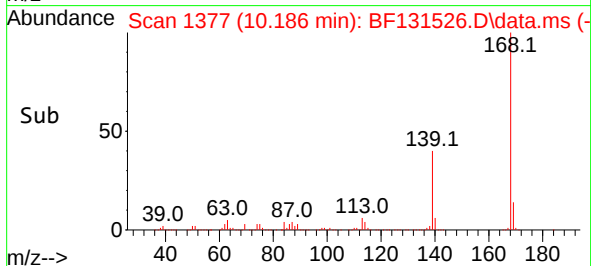


Tgt Ion:168 Resp: 824855
Ion Ratio Lower Upper
168 100
139 40.4 31.8 47.8
169 13.9 10.6 15.8

Manual Integrations

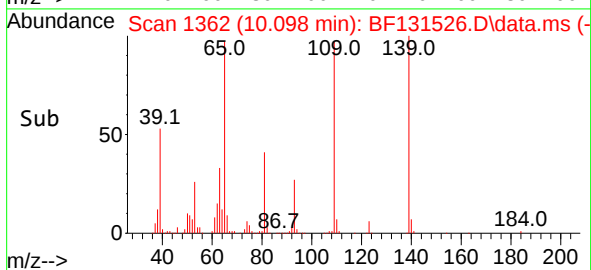
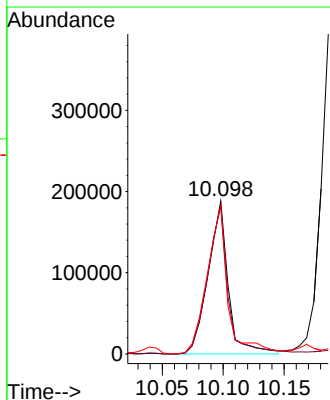
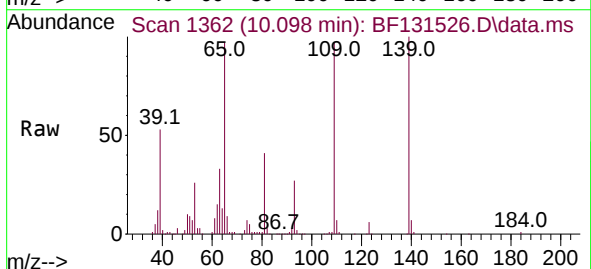
APPROVED

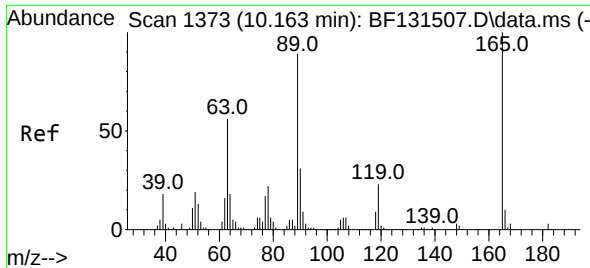
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#56
4-Nitrophenol
Concen: 79.076 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion:139 Resp: 216388
Ion Ratio Lower Upper
139 100
109 96.9 81.1 121.1
65 96.7 91.5 131.5





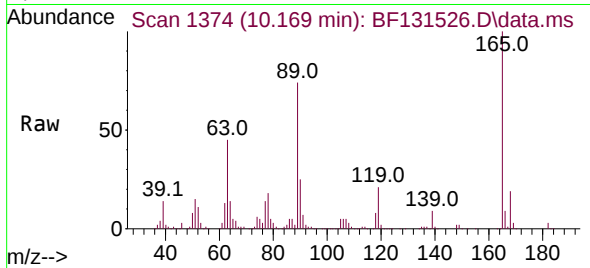
#57
2,4-Dinitrotoluene
Concen: 41.657 ng
RT: 10.169 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

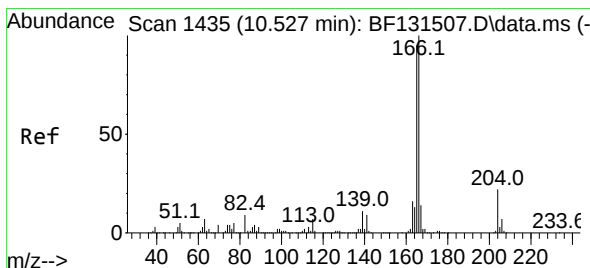
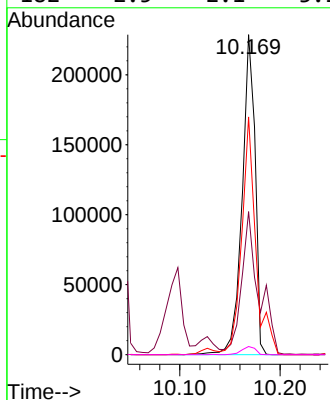
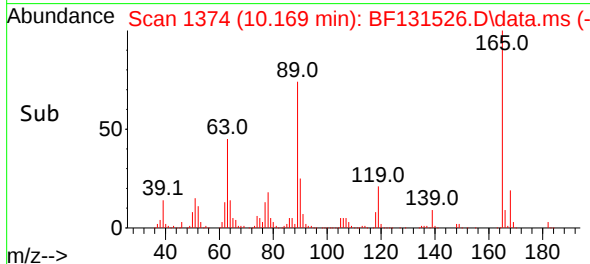


Tgt Ion:165 Resp: 204768
Ion Ratio Lower Upper
165 100
63 44.7 45.3 67.9
89 74.3 71.0 106.4
182 2.5 2.1 3.1

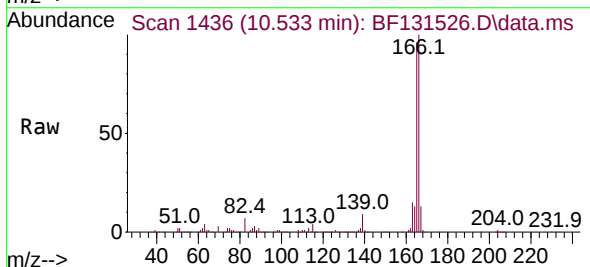
Manual Integrations

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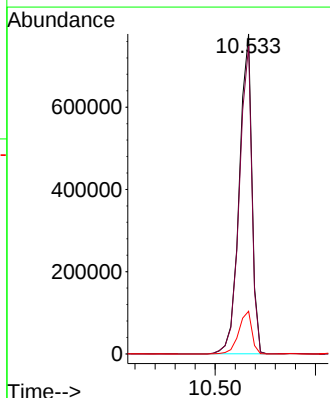
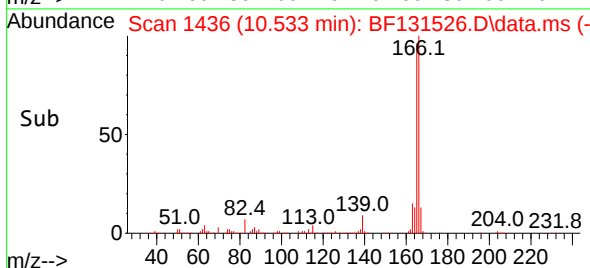
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

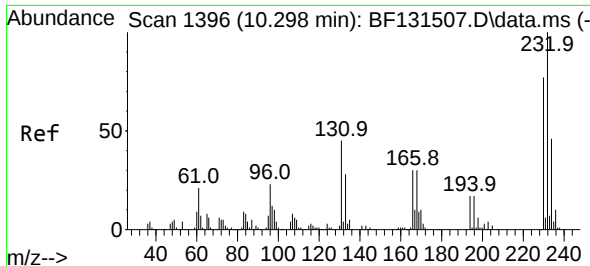


#58
Fluorene
Concen: 37.139 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:166 Resp: 677503
Ion Ratio Lower Upper
166 100
165 96.2 75.7 113.5
167 13.3 10.9 16.3





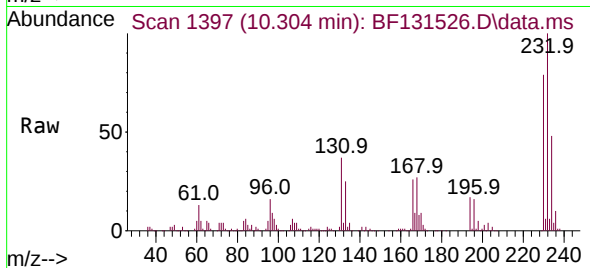
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.825 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

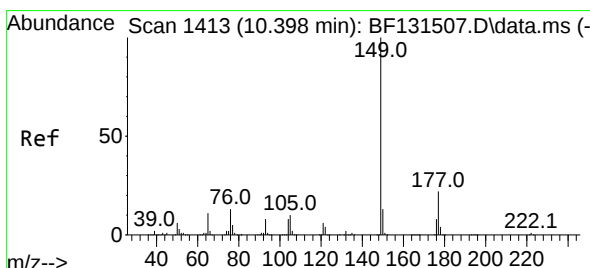
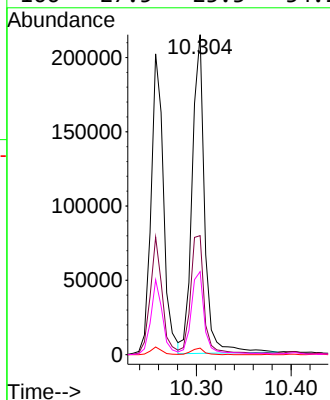
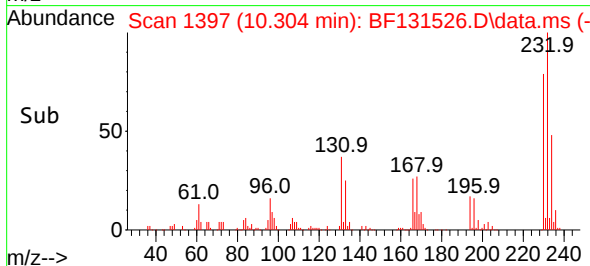


Tgt Ion:232 Resp: 195194
Ion Ratio Lower Upper
232 100
131 41.8 34.8 52.2
130 2.1 1.8 2.6
166 27.5 23.3 34.9

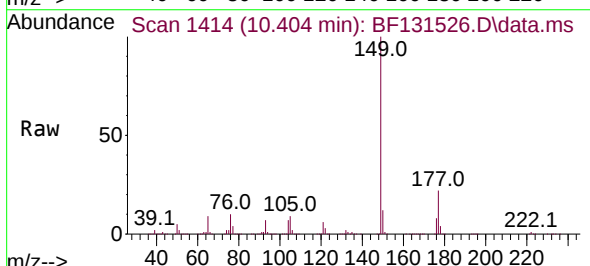
Manual Integrations

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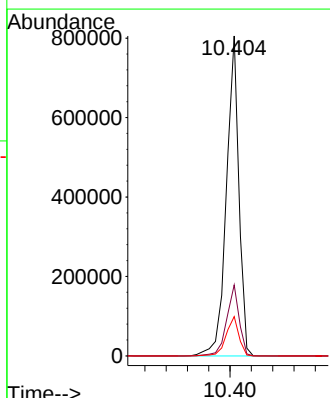
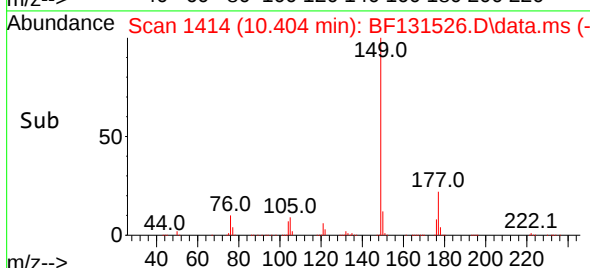
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

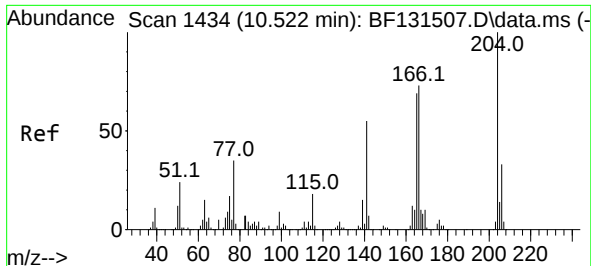


#60
Diethylphthalate
Concen: 37.942 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



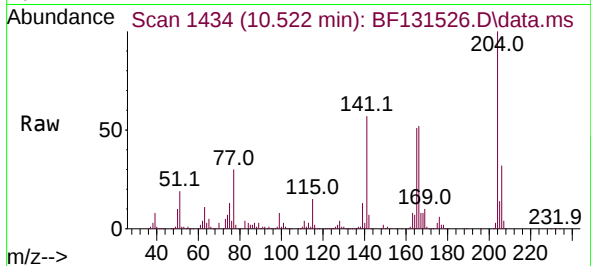
Tgt Ion:149 Resp: 655892
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.778 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

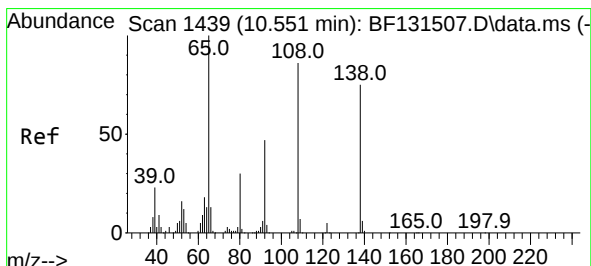
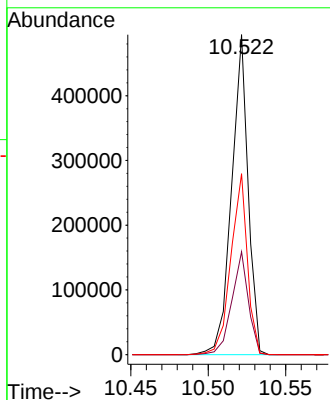
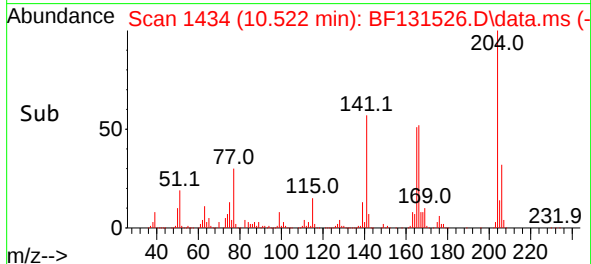
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion:204 Resp: 365930
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 56.5 44.4 66.6

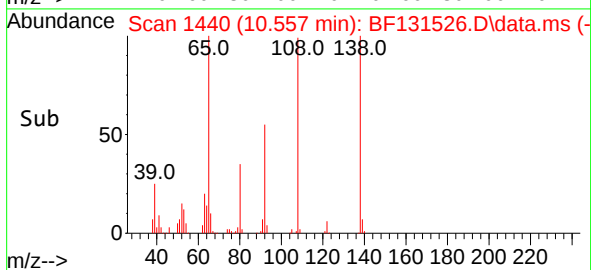
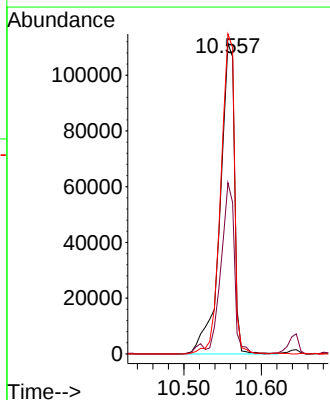
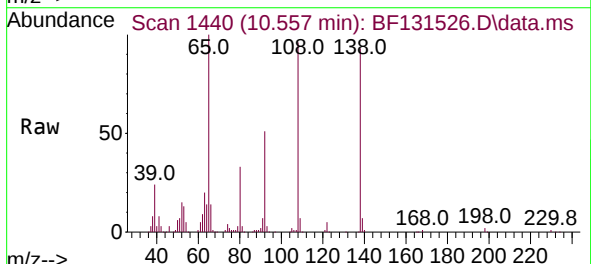
Manual Integrations
APPROVED

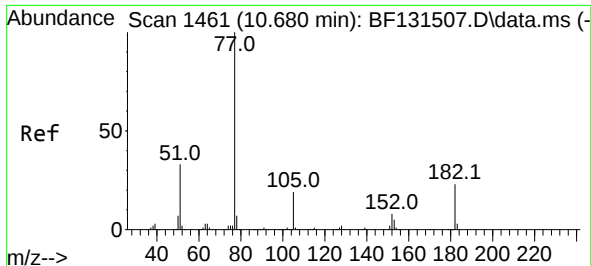
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#62
4-Nitroaniline
Concen: 36.883 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion:138 Resp: 144204
Ion Ratio Lower Upper
138 100
92 55.1 42.7 82.7
108 103.1 95.0 135.0





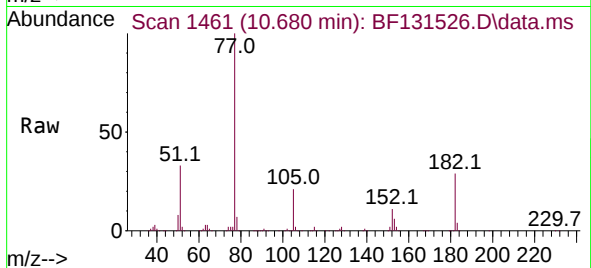
#63
Azobenzene
Concen: 31.551 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

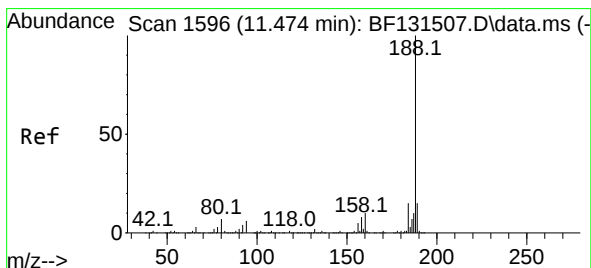
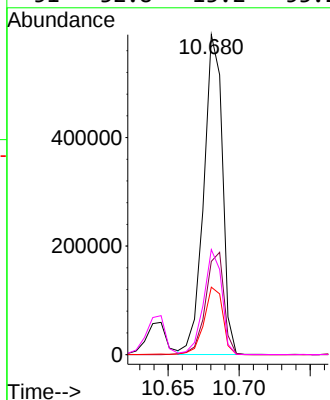
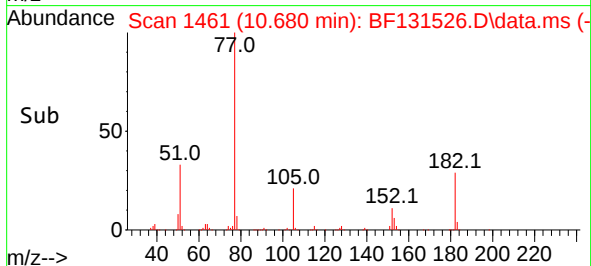


Tgt Ion: 77 Resp: 537828
Ion Ratio Lower Upper
77 100
182 29.1 2.6 42.6
105 21.1 0.0 39.1
51 32.8 13.2 53.2

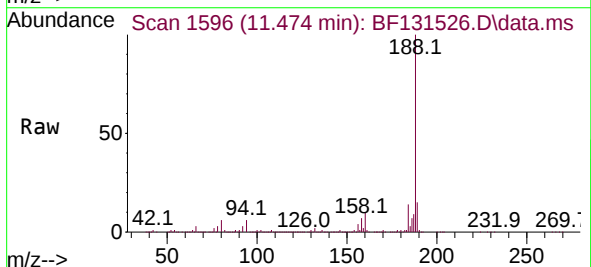
Manual Integrations

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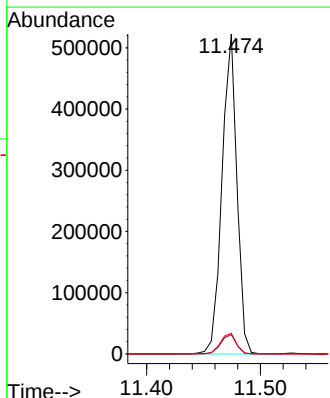
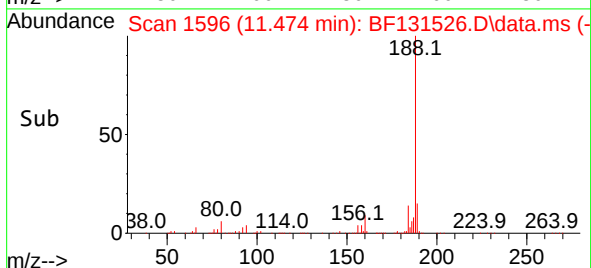
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

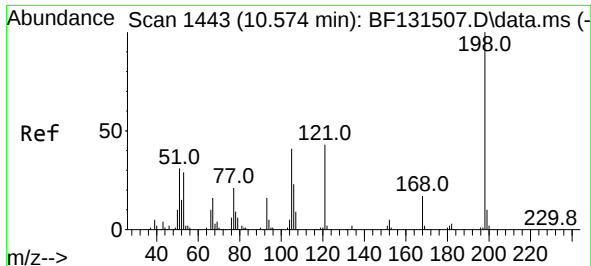


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



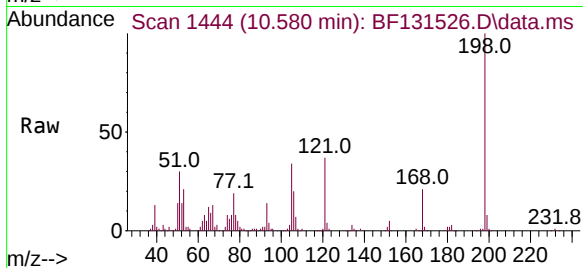
Tgt Ion:188 Resp: 473388
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 6.4 5.9 8.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.110 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

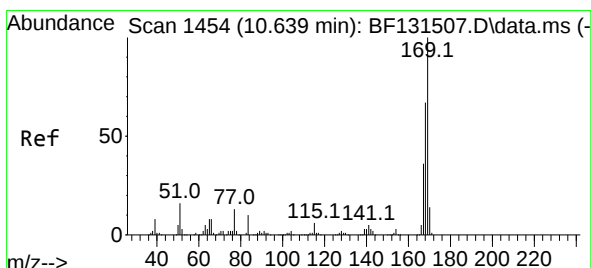
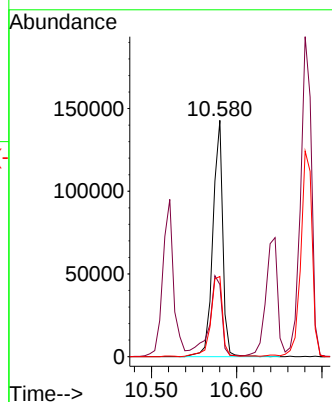
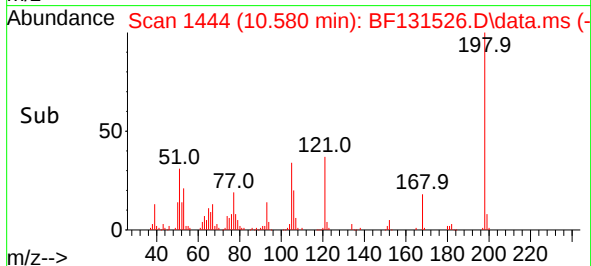
Instrument :
BNA_F
ClientSampleId :
PB149379BS



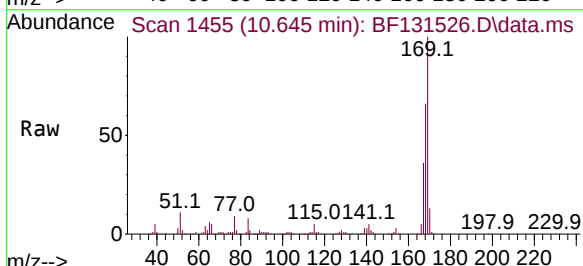
Tgt Ion:198 Resp: 114571
Ion Ratio Lower Upper
198 100
51 30.5 19.7 59.7
105 33.9 21.9 61.9

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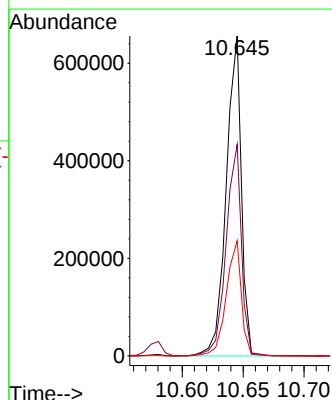
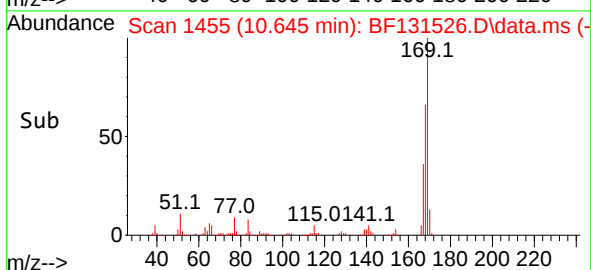
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

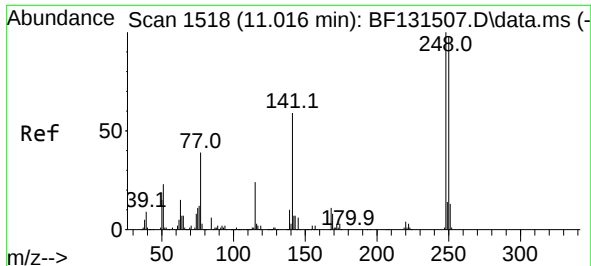


#66
n-Nitrosodiphenylamine
Concen: 38.200 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



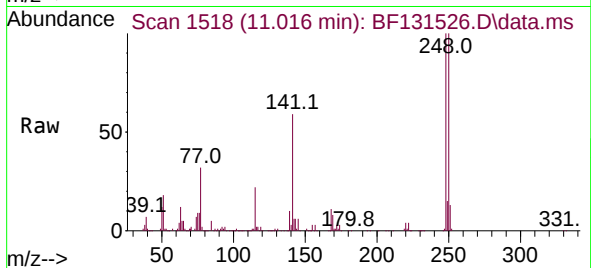
Tgt Ion:169 Resp: 567544
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 36.0 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 39.950 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

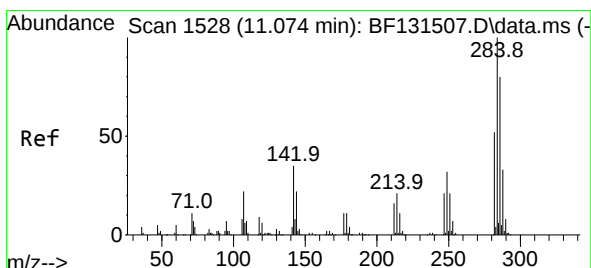
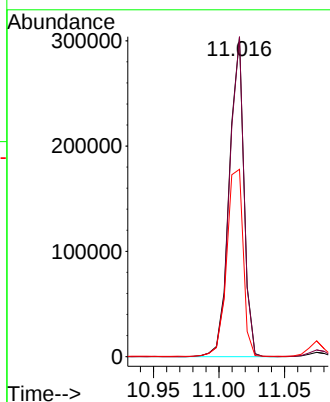
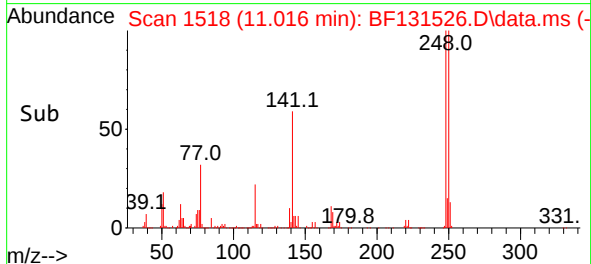
Instrument :
BNA_F
ClientSampleId :
PB149379BS



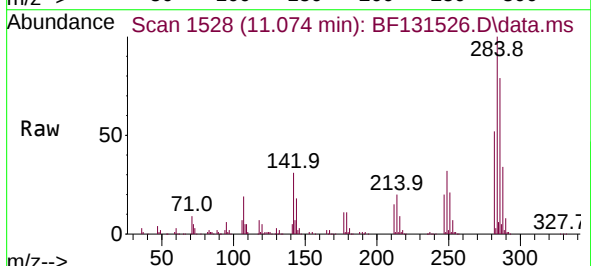
Tgt Ion:248 Resp: 236616
Ion Ratio Lower Upper
248 100
250 100.2 78.6 117.8
141 58.7 47.1 70.7

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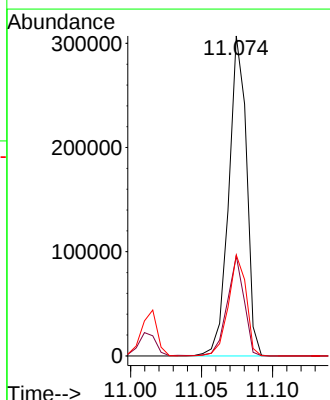
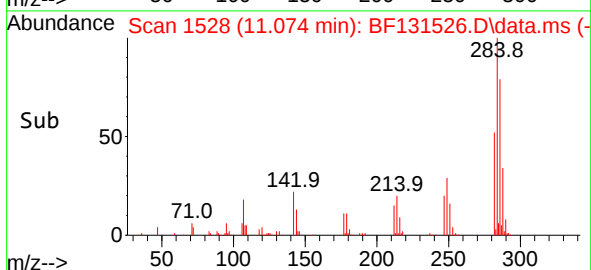
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

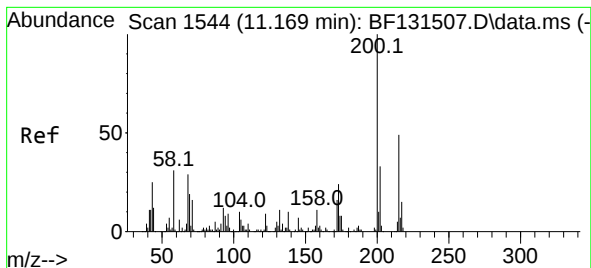


#68
Hexachlorobenzene
Concen: 40.711 ng
RT: 11.074 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:284 Resp: 267224
Ion Ratio Lower Upper
284 100
142 31.2 28.2 42.4
249 31.5 25.8 38.8





#69

Atrazine

Concen: 44.979 ng

RT: 11.174 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

Tgt Ion:200 Resp: 19760

Ion Ratio Lower Upper

200 100

173 22.7 4.4 44.4

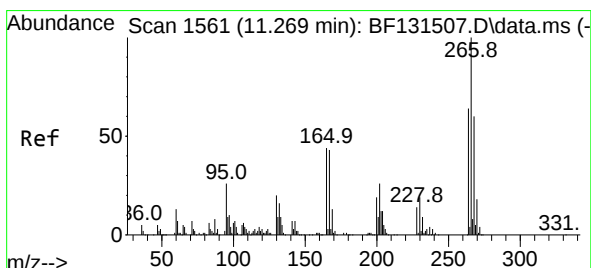
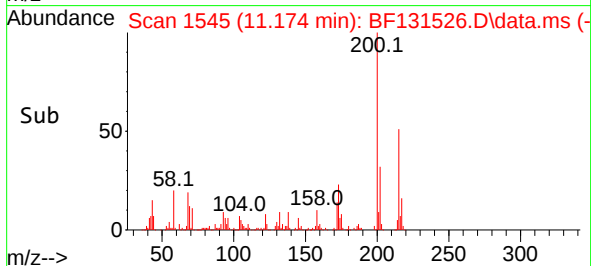
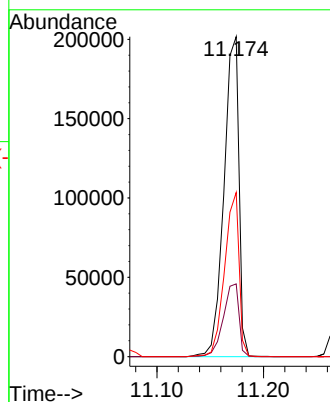
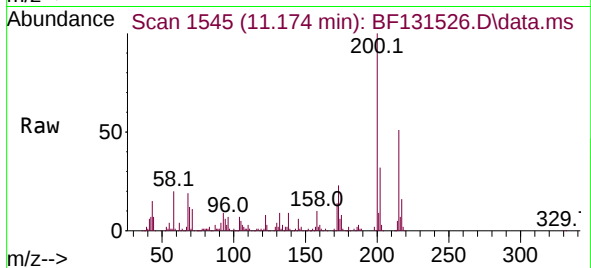
215 51.3 29.3 69.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#70

Pentachlorophenol

Concen: 84.990 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.005 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

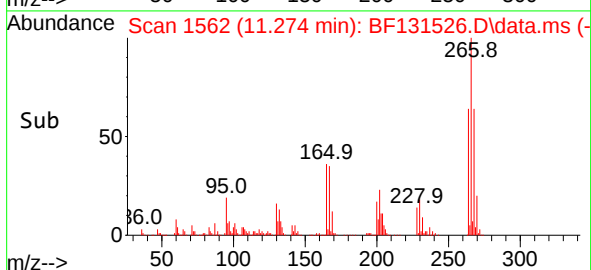
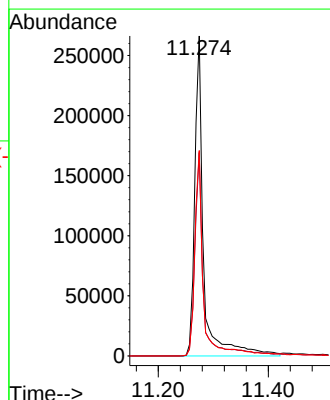
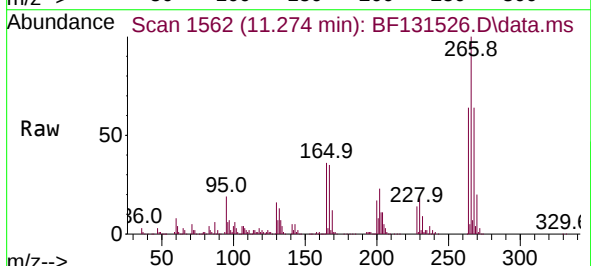
Tgt Ion:266 Resp: 298704

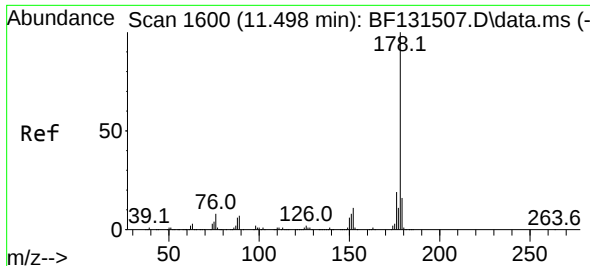
Ion Ratio Lower Upper

266 100

268 63.6 48.0 72.0

264 64.2 51.4 77.0





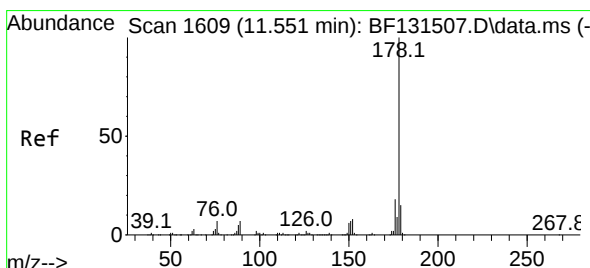
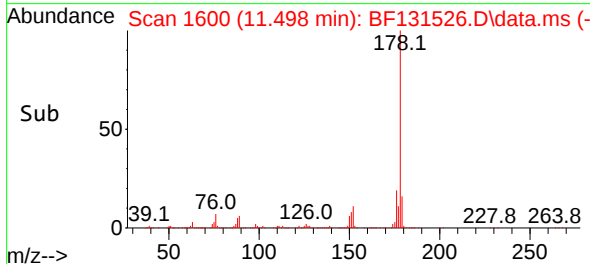
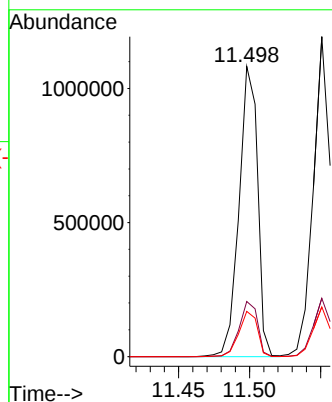
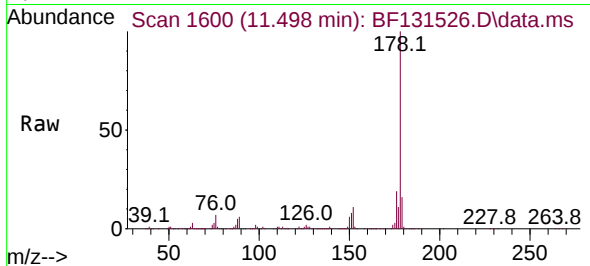
#71
Phenanthrene
Concen: 37.335 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :
BNA_F
ClientSampleId :
PB149379BS

Tgt Ion:178 Resp: 982082
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.5 18.7

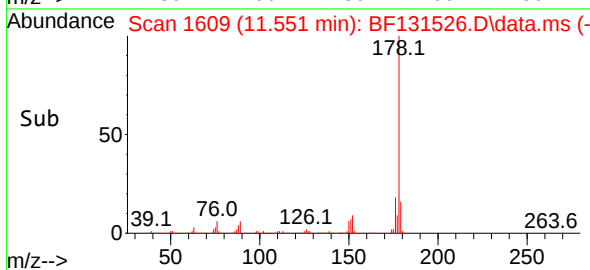
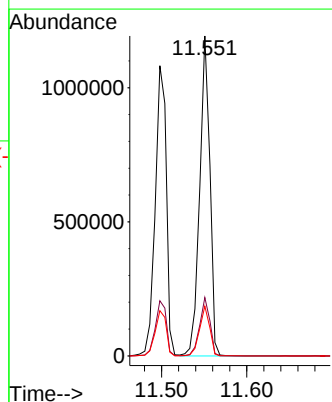
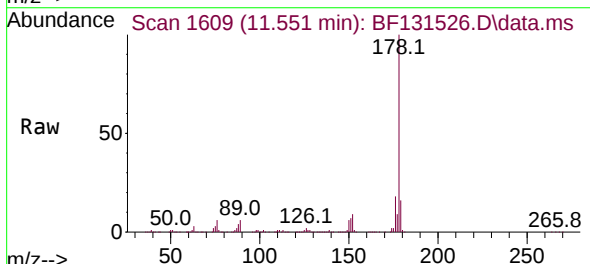
Manual Integrations
APPROVED

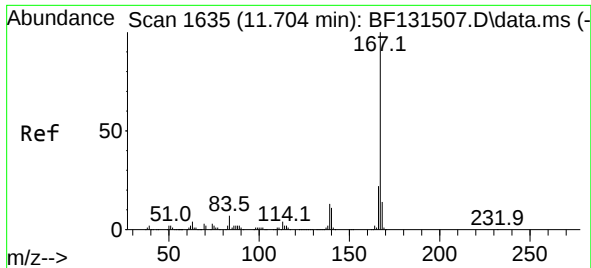
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#72
Anthracene
Concen: 38.338 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

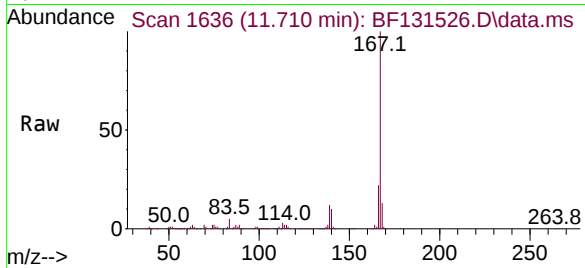
Tgt Ion:178 Resp: 991472
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.5 12.3 18.5





#73
Carbazole
Concen: 39.379 ng
RT: 11.710 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

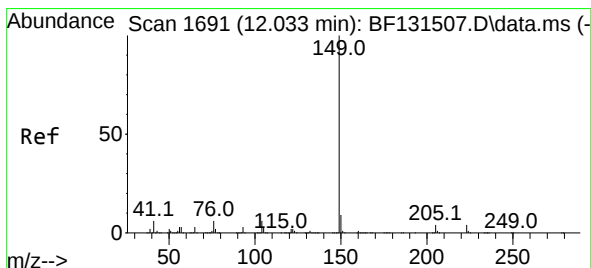
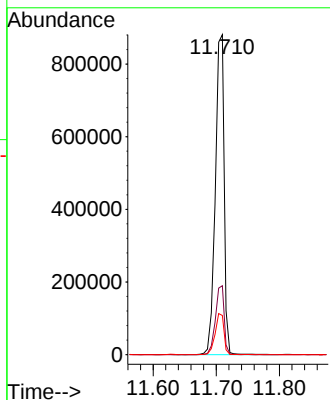
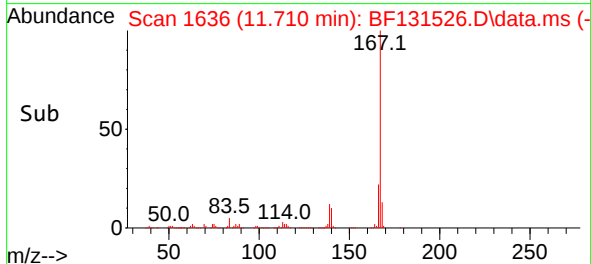
Instrument :
BNA_F
ClientSampleId :
PB149379BS



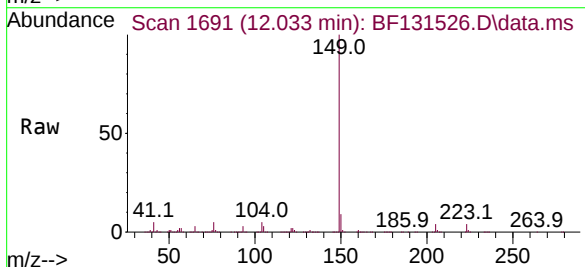
Tgt Ion:167 Resp: 857328
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.2
139 12.2 10.6 15.8

Manual Integrations
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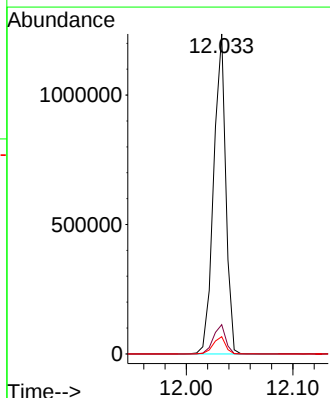
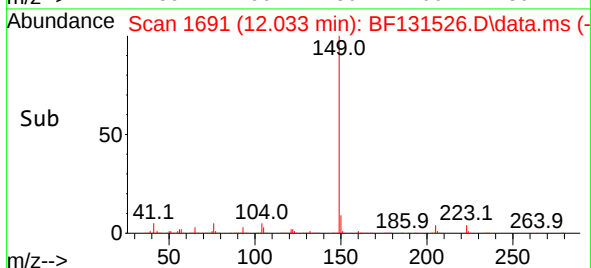
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

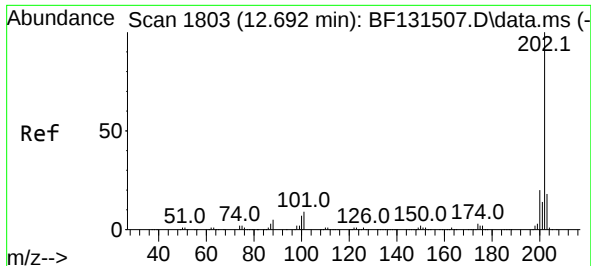


#74
Di-n-butylphthalate
Concen: 40.316 ng
RT: 12.033 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



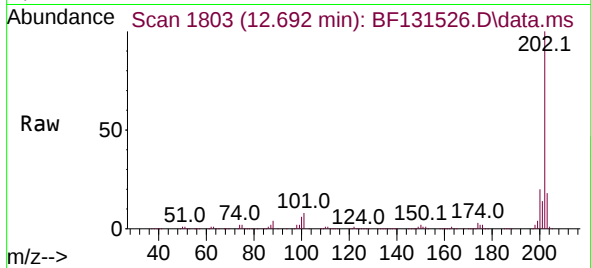
Tgt Ion:149 Resp: 979945
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.4 4.7 7.1





#75
Fluoranthene
Concen: 36.750 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

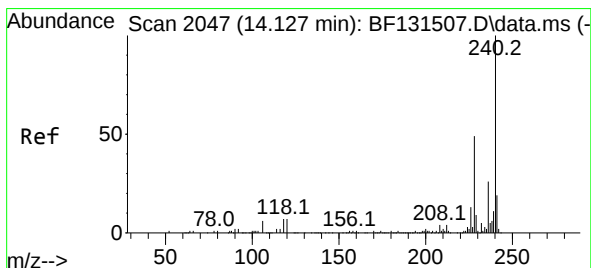
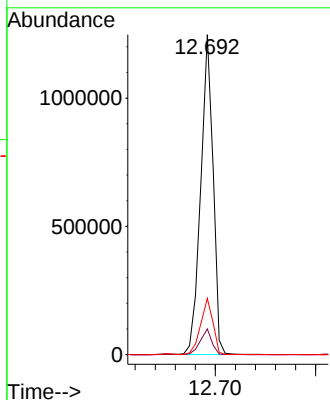
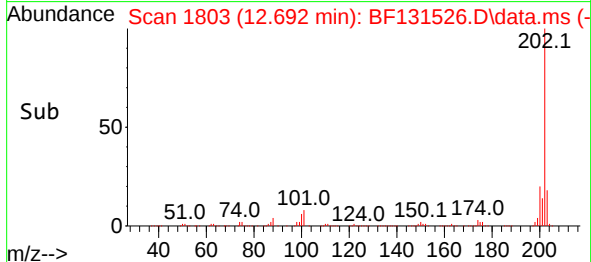
Instrument :
BNA_F
ClientSampleId :
PB149379BS



Tgt Ion:202 Resp: 1063918
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.5
203 17.6 0.0 37.6

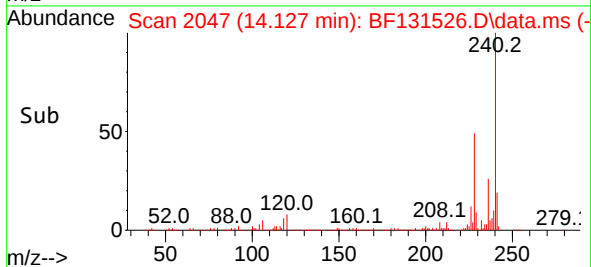
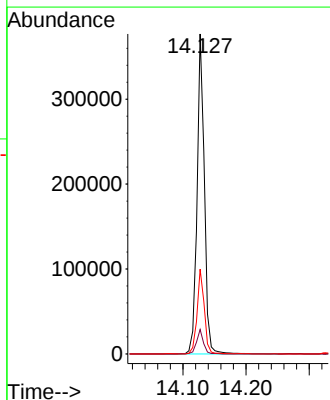
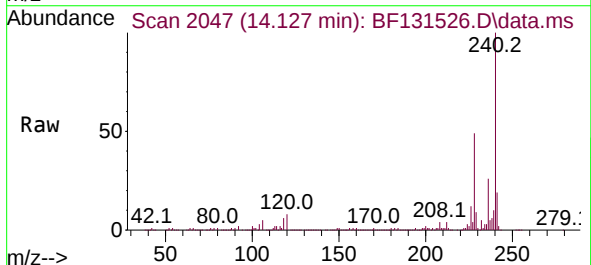
Manual Integrations
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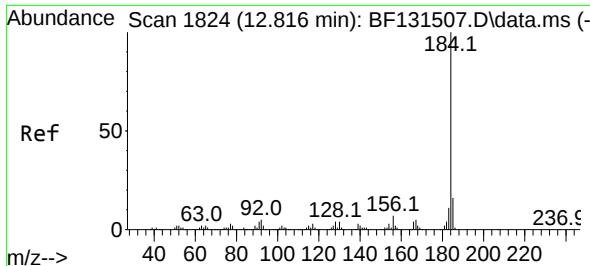
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Tgt Ion:240 Resp: 303842
Ion Ratio Lower Upper
240 100
120 7.6 5.6 8.4
236 26.5 20.6 31.0





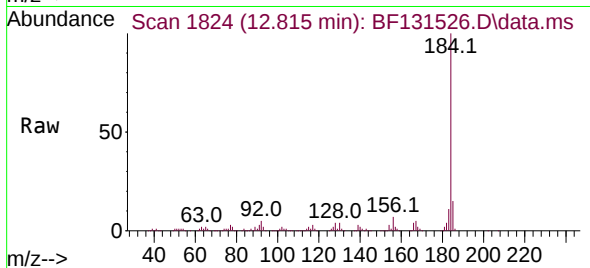
#77
Benzidine
Concen: 68.647 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

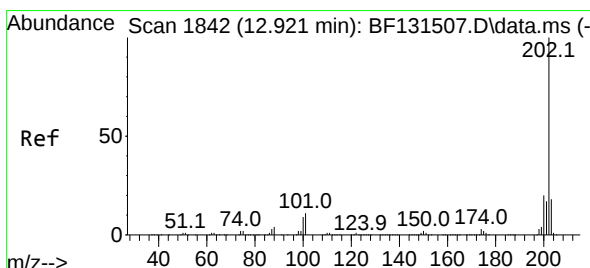
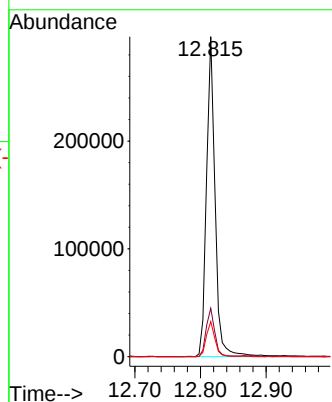
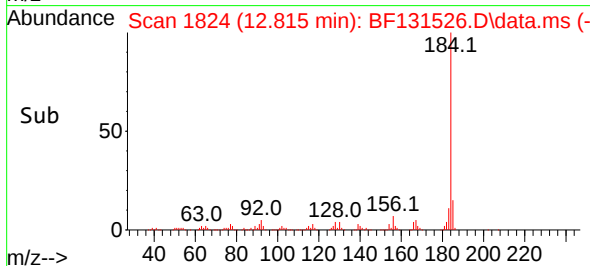


Tgt Ion:184 Resp: 268759
Ion Ratio Lower Upper
184 100
185 15.1 12.6 19.0
183 10.9 9.0 13.4

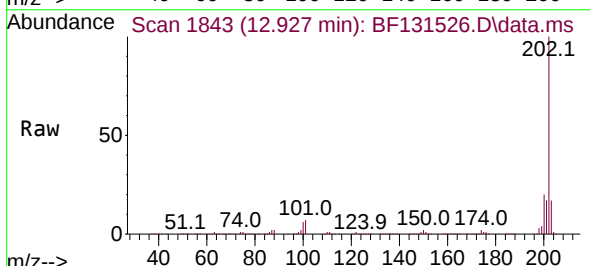
Manual Integrations

APPROVED

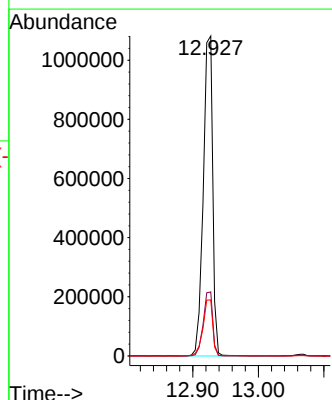
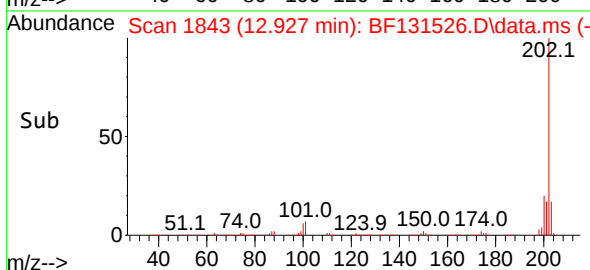
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

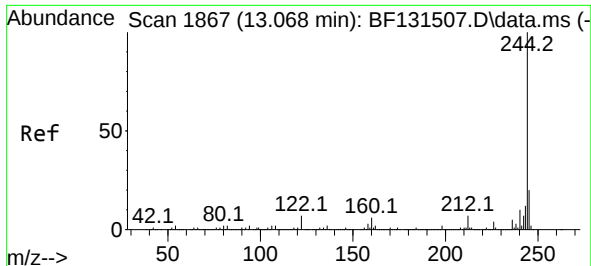


#78
Pyrene
Concen: 39.296 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



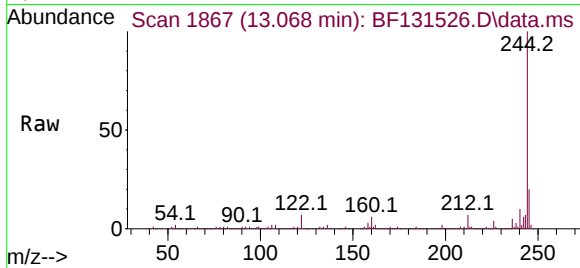
Tgt Ion:202 Resp: 1069417
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 17.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 85.325 ng
 RT: 13.068 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF131526.D
 Acq: 06 Dec 2022 14:16

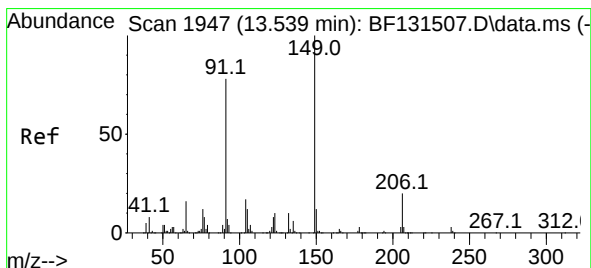
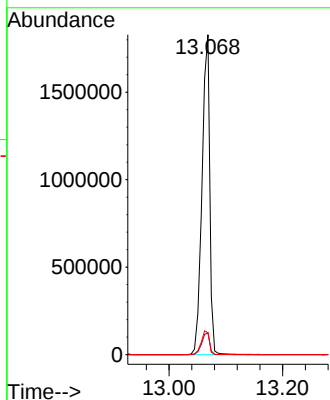
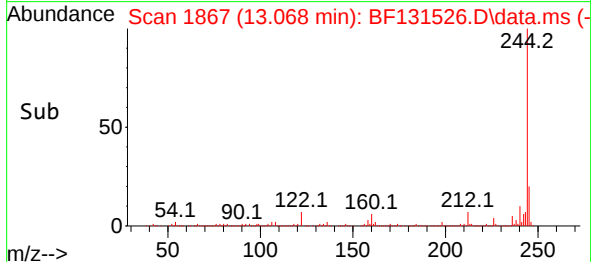
Instrument :
 BNA_F
 ClientSampleId :
 PB149379BS



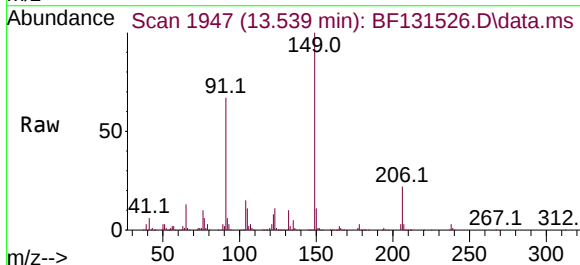
Tgt Ion:244 Resp: 1716711
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 6.8 5.4 8.2

Manual Integrations
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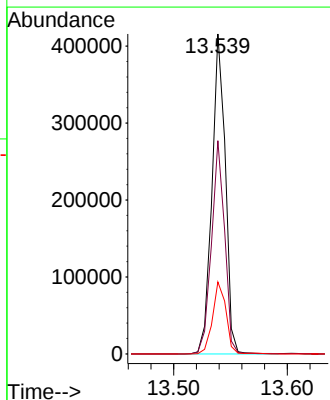
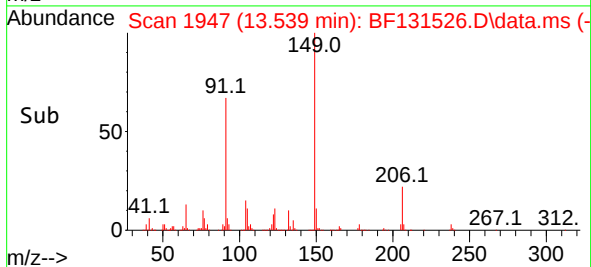
Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022

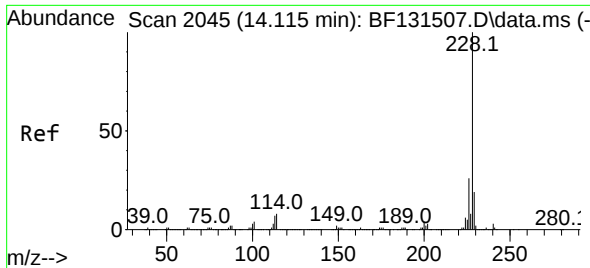


#80
 Butylbenzylphthalate
 Concen: 46.322 ng
 RT: 13.539 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: BF131526.D
 Acq: 06 Dec 2022 14:16



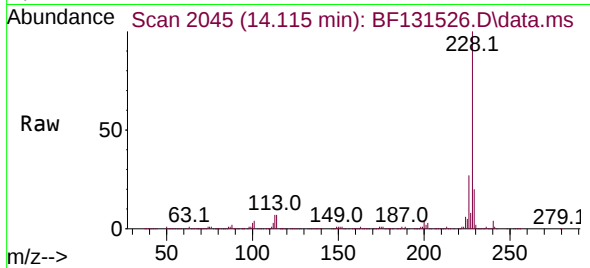
Tgt Ion:149 Resp: 340037
 Ion Ratio Lower Upper
 149 100
 91 66.6 62.5 93.7
 206 22.5 16.1 24.1





#81
Benzo(a)anthracene
Concen: 38.029 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

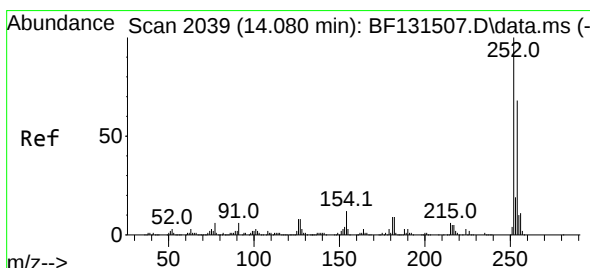
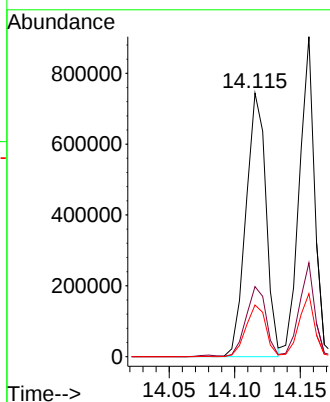
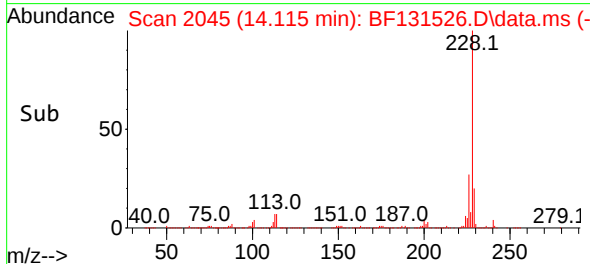
Instrument :
BNA_F
ClientSampleId :
PB149379BS



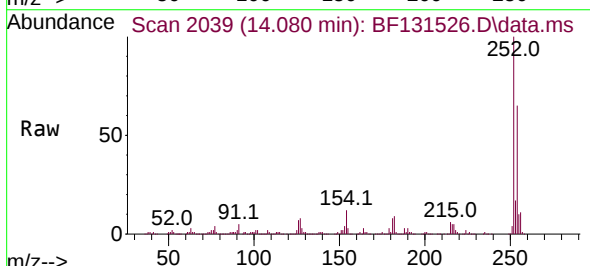
Tgt Ion:228 Resp: 789096
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 19.6 15.5 23.3

Manual Integrations
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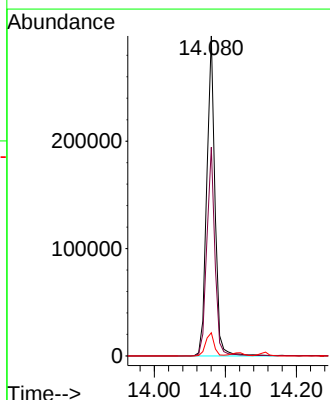
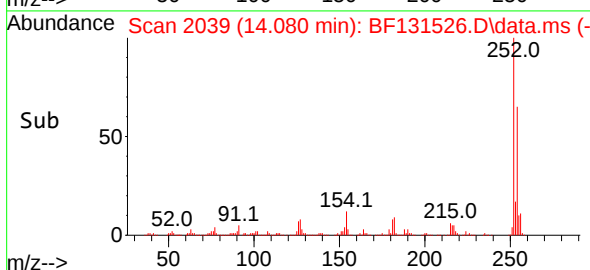
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

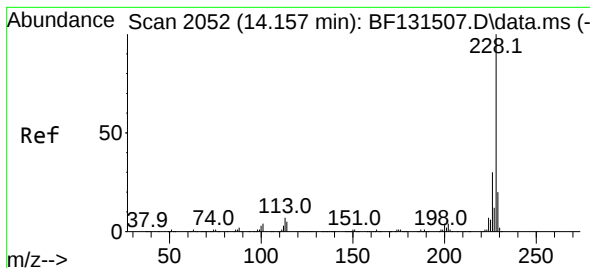


#82
3,3'-Dichlorobenzidine
Concen: 42.467 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:252 Resp: 238631
Ion Ratio Lower Upper
252 100
254 65.2 54.3 81.5
126 7.2 6.3 9.5





#83

Chrysene

Concen: 37.332 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

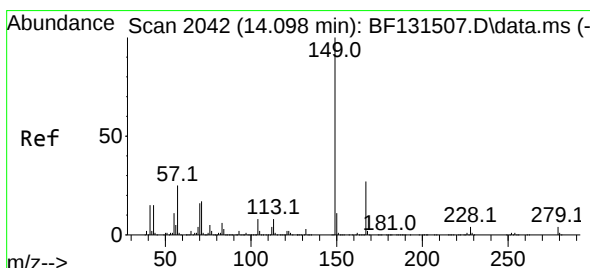
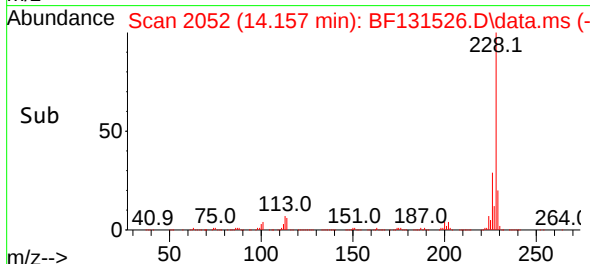
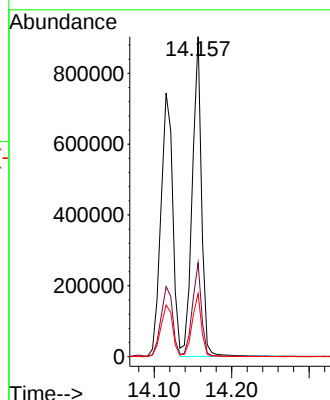
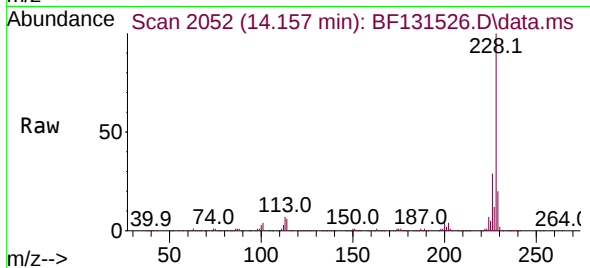
PB149379BS

Tgt Ion:	228	Resp:	744695
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.8
229	19.7	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.511 ng

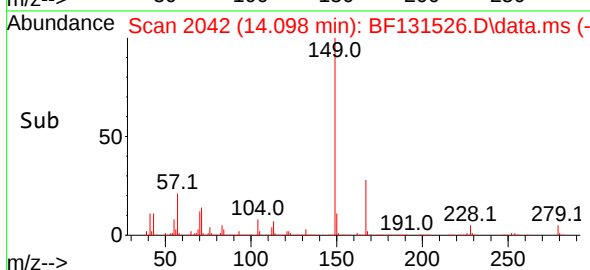
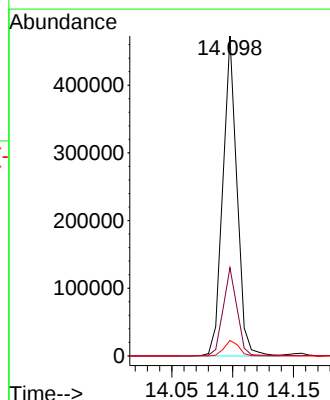
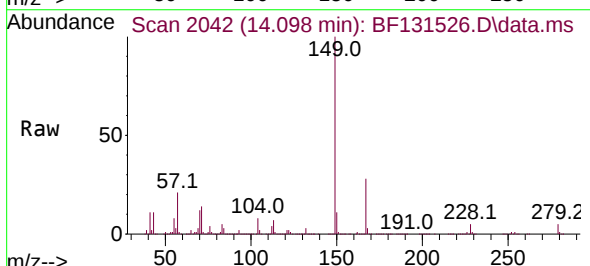
RT: 14.098 min Scan# 2042

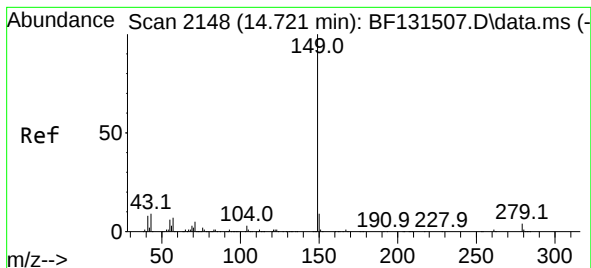
Delta R.T. -0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16

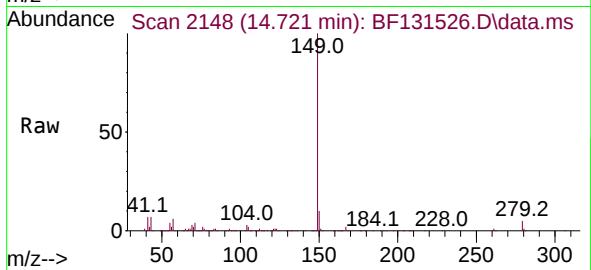
Tgt Ion:	149	Resp:	381557
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.7	32.5
279	4.8	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 44.060 ng
RT: 14.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

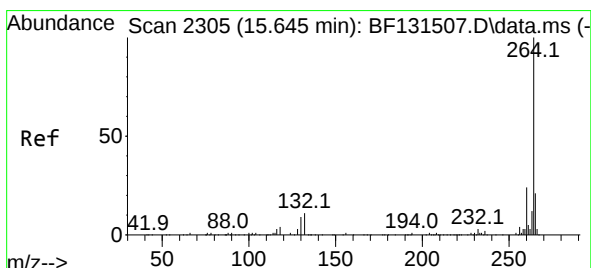
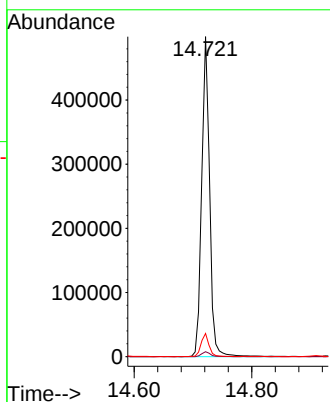
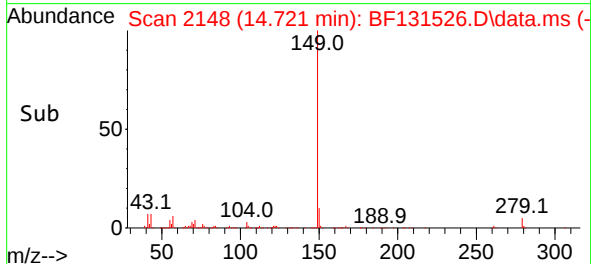
Instrument :
BNA_F
ClientSampleId :
PB149379BS



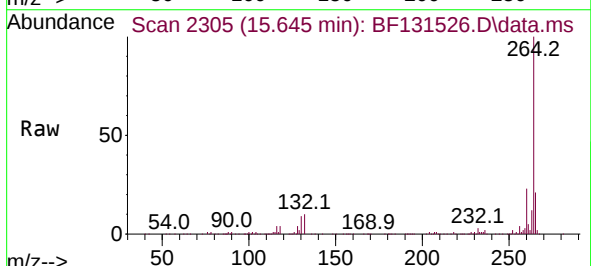
Tgt Ion:149 Resp: 465848
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 7.4 7.4 11.0

Manual Integrations
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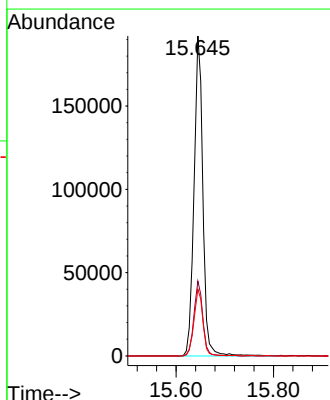
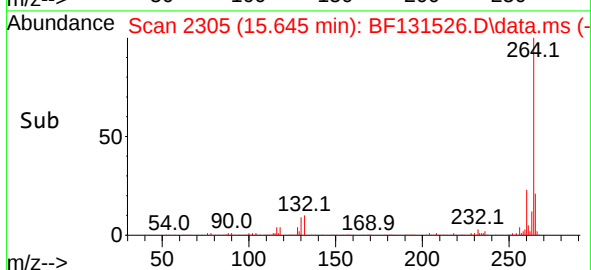
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

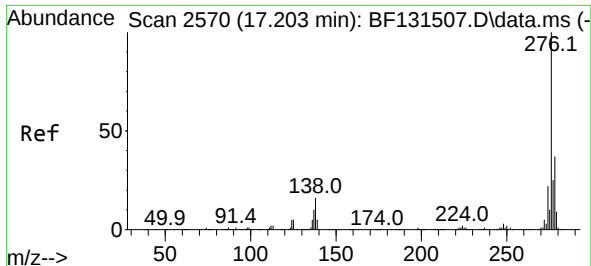


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:264 Resp: 240705
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 20.8 17.0 25.4





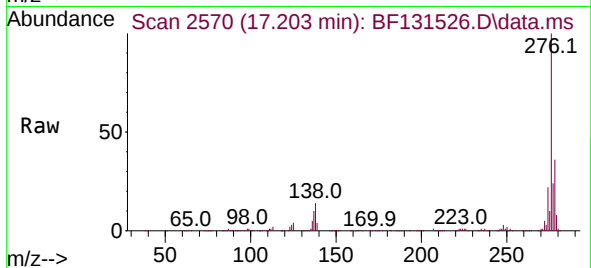
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.004 ng
RT: 17.203 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS

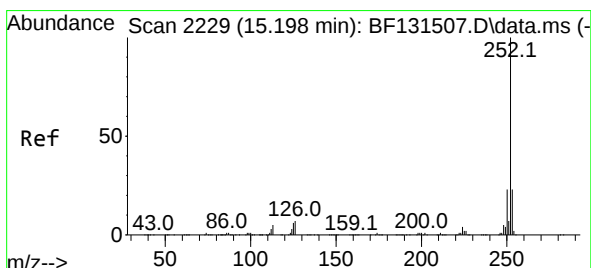
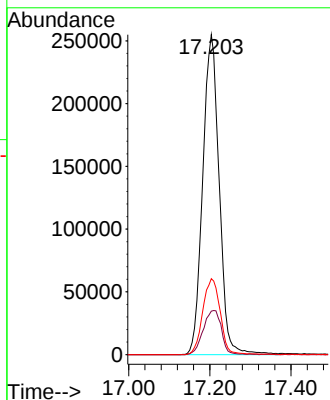
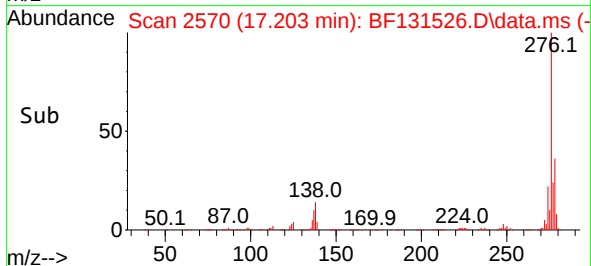


Tgt Ion:276 Resp: 71974
Ion Ratio Lower Upper
276 100
138 15.2 13.2 19.8
277 25.1 19.6 29.4

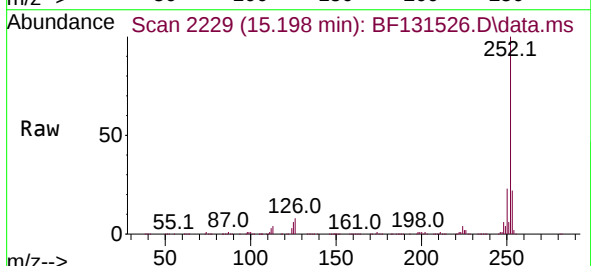
Manual Integrations

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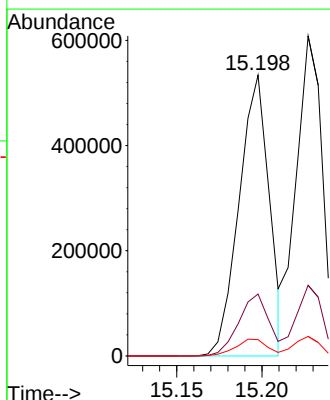
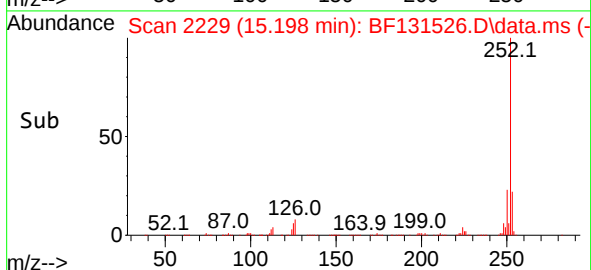
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

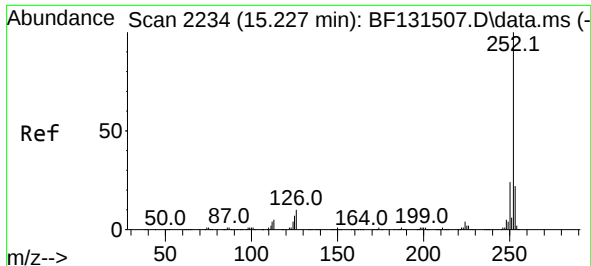


#88
Benzo(b)fluoranthene
Concen: 42.148 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion:252 Resp: 659013
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 5.8 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 39.458 ng

RT: 15.227 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF131526.D

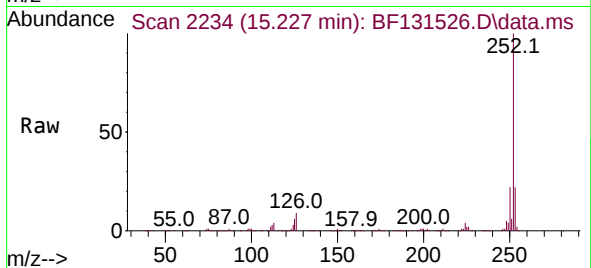
Acq: 06 Dec 2022 14:16

Instrument :

BNA_F

ClientSampleId :

PB149379BS



Tgt Ion:252 Resp: 66971

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

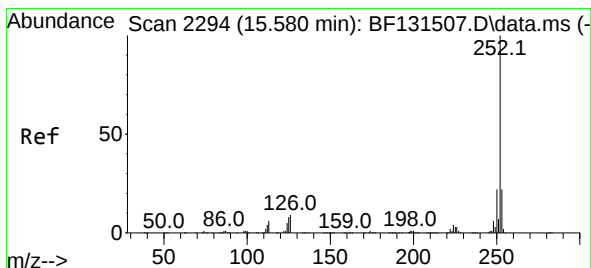
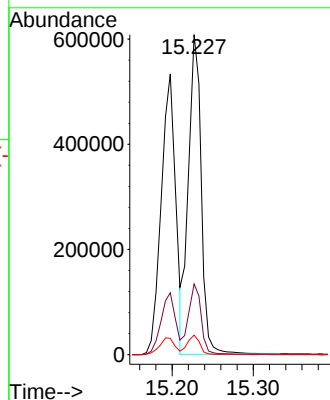
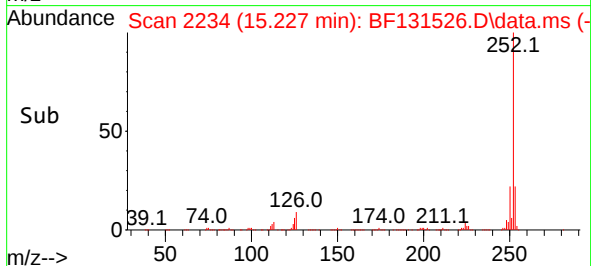
125 6.1 5.3 7.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/07/2022

Supervised By :Jagrut Upadhyay 12/07/2022



#90

Benzo(a)pyrene

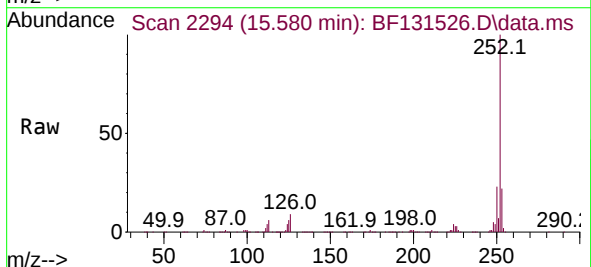
Concen: 44.318 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BF131526.D

Acq: 06 Dec 2022 14:16



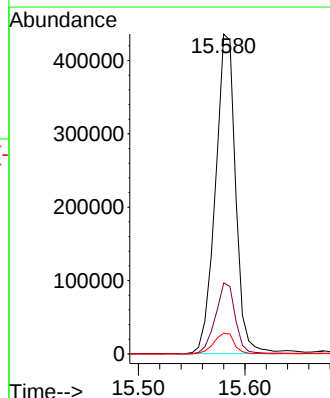
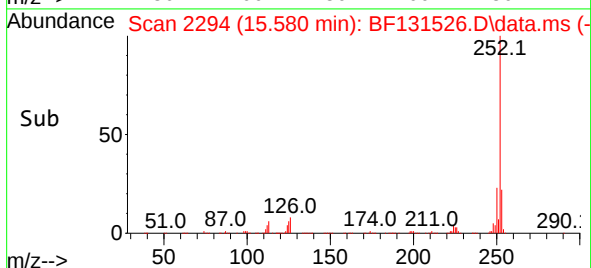
Tgt Ion:252 Resp: 575045

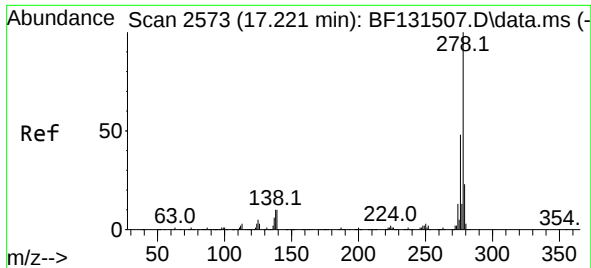
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

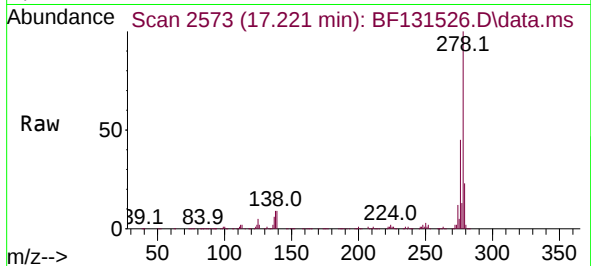
125 6.5 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 40.887 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16

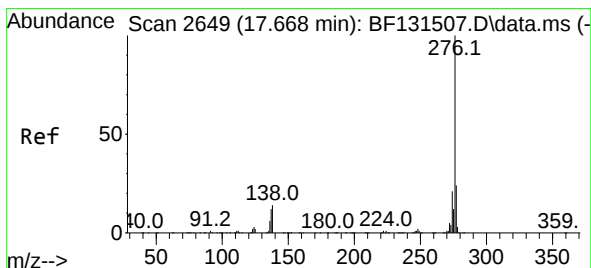
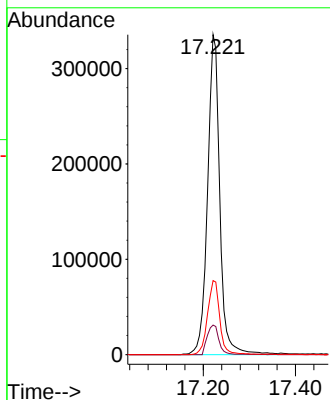
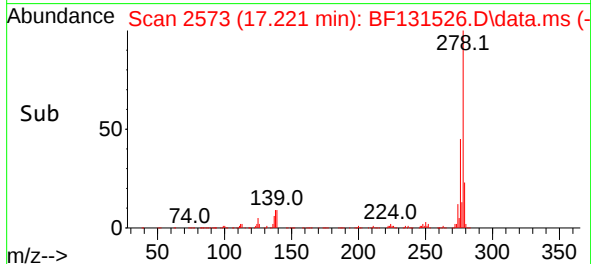
Instrument :
BNA_F
ClientSampleId :
PB149379BS



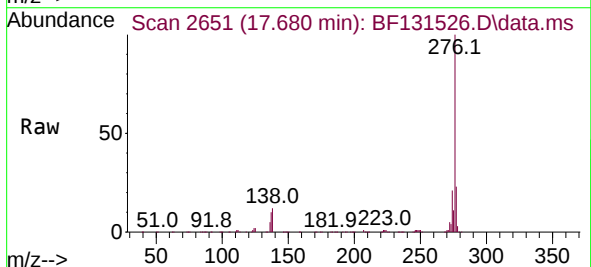
Tgt Ion: 278 Resp: 61580
Ion Ratio Lower Upper
278 100
139 9.2 8.4 12.6
279 23.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/07/2022
Supervised By : Jagrut Upadhyay 12/07/2022



#92
Benzo(g,h,i)perylene
Concen: 42.743 ng
RT: 17.680 min Scan# 2651
Delta R.T. 0.012 min
Lab File: BF131526.D
Acq: 06 Dec 2022 14:16



Tgt Ion: 276 Resp: 600805
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 12.0 11.7 17.5

