

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
 Data File : BF131514.D
 Acq On : 05 Dec 2022 22:57
 Operator : CG\JU
 Sample : PB149409BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149409BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/06/2022
 Supervised By : Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 02:15:50 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	111402	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	433111	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	263220	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	509054	20.000	ng	0.00
76) Chrysene-d12	14.127	240	347416	20.000	ng	# 0.00
86) Perylene-d12	15.651	264	257018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	922383	141.392	ng	0.02
7) Phenol-d6	6.551	99	1155955	141.899	ng	0.00
23) Nitrobenzene-d5	7.498	82	732852	77.659	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	490327	163.600	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1665846	83.024	ng	0.00
79) Terphenyl-d14	13.069	244	2241238	97.423	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	100968	36.156	ng	93
3) Pyridine	3.563	79	260074	33.363	ng	95
4) n-Nitrosodimethylamine	3.540	42	143318	35.876	ng	86
6) Aniline	6.587	93	246404	24.502	ng	94
8) 2-Chlorophenol	6.704	128	348166	49.978	ng	91
9) Benzaldehyde	6.469	77	52191	10.038	ng	88
10) Phenol	6.569	94	415673m	45.107	ng	
11) bis(2-Chloroethyl)ether	6.657	93	319398	46.926	ng	96
12) 1,3-Dichlorobenzene	6.863	146	394512m	48.518	ng	
13) 1,4-Dichlorobenzene	6.939	146	400103	48.146	ng	97
14) 1,2-Dichlorobenzene	7.092	146	378478	48.880	ng	99
15) Benzyl Alcohol	7.069	79	292192	42.883	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	293462	43.986	ng	99
17) 2-Methylphenol	7.175	107	273642	47.026	ng	95
18) Hexachloroethane	7.439	117	148386	48.061	ng	94
19) n-Nitroso-di-n-propyla...	7.345	70	233581	42.366	ng	# 91
20) 3+4-Methylphenols	7.328	107	363787	46.229	ng	96
22) Acetophenone	7.339	105	515425	43.856	ng	97
24) Nitrobenzene	7.516	77	369420	38.799	ng	# 87
25) Isophorone	7.751	82	652295	44.437	ng	# 93
26) 2-Nitrophenol	7.828	139	183640	52.677	ng	91
27) 2,4-Dimethylphenol	7.863	122	321622	56.190	ng	94
28) bis(2-Chloroethoxy)met...	7.963	93	393369	48.339	ng	99
29) 2,4-Dichlorophenol	8.069	162	315814	47.636	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	381975	46.110	ng	100
31) Naphthalene	8.239	128	1042356	43.533	ng	99
32) Benzoic acid	7.992	122	190946	55.319	ng	# 87
33) 4-Chloroaniline	8.281	127	67933	7.575	ng	95
34) Hexachlorobutadiene	8.351	225	265371	44.851	ng	99
35) Caprolactam	8.663	113	89675m	48.185	ng	
36) 4-Chloro-3-methylphenol	8.769	107	325300	45.901	ng	96
37) 2-Methylnaphthalene	8.933	142	719954	44.933	ng	99
38) 1-Methylnaphthalene	9.033	142	671983	43.645	ng	97
40) 1,2,4,5-Tetrachloroben...	9.098	216	437044	44.947	ng	99
41) Hexachlorocyclopentadiene	9.081	237	579389	132.277	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	266411	45.316	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	284733	45.414	ng	97
46) 1,1'-Biphenyl	9.398	154	905552	43.629	ng	99
47) 2-Chloronaphthalene	9.428	162	726923	42.875	ng	96
48) 2-Nitroaniline	9.522	65	178380	36.413	ng	93
49) Acenaphthylene	9.845	152	1086448	42.898	ng	99
50) Dimethylphthalate	9.704	163	817040	42.946	ng	100
51) 2,6-Dinitrotoluene	9.763	165	184547	45.398	ng	92
52) Acenaphthene	10.016	154	802628m	48.848	ng	
53) 3-Nitroaniline	9.933	138	75591	17.765	ng	84
54) 2,4-Dinitrophenol	10.045	184	231763	113.627	ng	# 80
55) Dibenzofuran	10.186	168	975965	40.687	ng	100
56) 4-Nitrophenol	10.098	139	290178	97.727	ng	88
57) 2,4-Dinitrotoluene	10.175	165	245067	45.946	ng	# 73
58) Fluorene	10.533	166	834515	42.159	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	239919	45.112	ng	96
60) Diethylphthalate	10.404	149	785317	41.866	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	456812	44.613	ng	98
62) 4-Nitroaniline	10.563	138	171072	40.324	ng	# 82
63) Azobenzene	10.686	77	680678	36.800	ng	86
65) 4,6-Dinitro-2-methylph...	10.580	198	142241	50.924	ng	89
66) n-Nitrosodiphenylamine	10.645	169	716563	44.851	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	285777	44.870	ng	99
68) Hexachlorobenzene	11.080	284	333191	47.205	ng	# 88
69) Atrazine	11.169	200	179385	37.972	ng	99
70) Pentachlorophenol	11.275	266	390859	103.419	ng	97
71) Phenanthrene	11.504	178	1253013	44.297	ng	99
72) Anthracene	11.557	178	1325476	47.662	ng	100
73) Carbazole	11.710	167	1049240	44.818	ng	98
74) Di-n-butylphthalate	12.033	149	1202602	46.009	ng	99
75) Fluoranthene	12.698	202	1317593	42.324	ng	98
77) Benzidine	12.816	184	114753	20.236	ng	99
78) Pyrene	12.927	202	1338185	43.005	ng	99
80) Butylbenzylphthalate	13.545	149	430286	51.264	ng	84
81) Benzo(a)anthracene	14.121	228	1096117	46.200	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	229354	35.697	ng	96
83) Chrysene	14.157	228	994007	43.580	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	551407	58.786	ng	99
85) Di-n-octyl phthalate	14.727	149	609476	48.144	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.209	276	884906	44.452	ng	99
88) Benzo(b)fluoranthene	15.198	252	801646	48.016	ng	98
89) Benzo(k)fluoranthene	15.233	252	813248	44.873	ng	100
90) Benzo(a)pyrene	15.586	252	708140	51.111	ng	99
91) Dibenzo(a,h)anthracene	17.227	278	773433	47.479	ng	99
92) Benzo(g,h,i)perylene	17.680	276	716327	47.727	ng	99

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

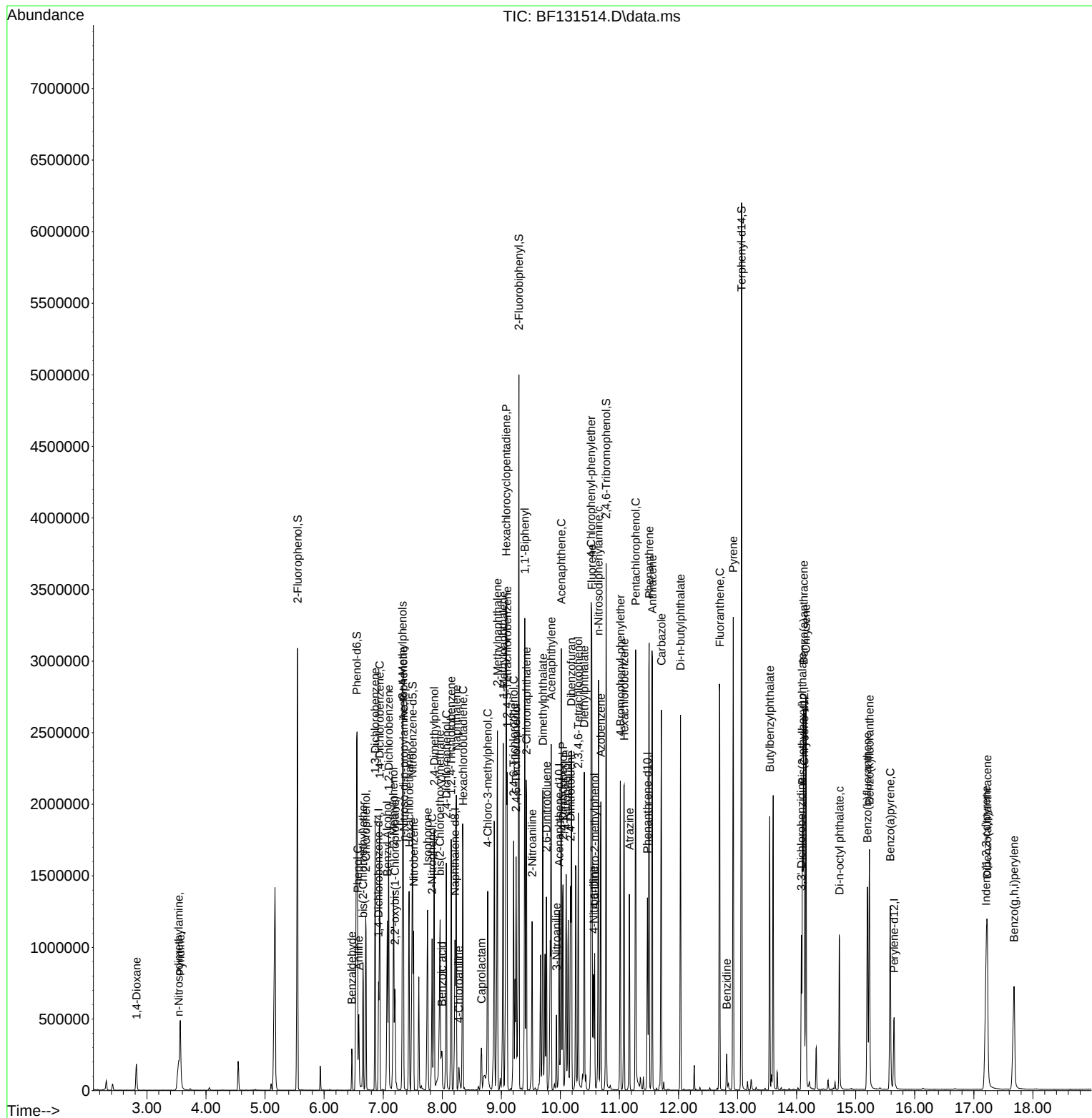
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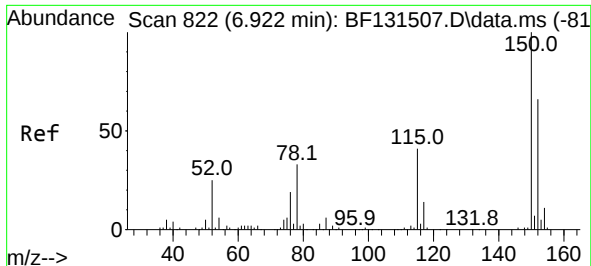
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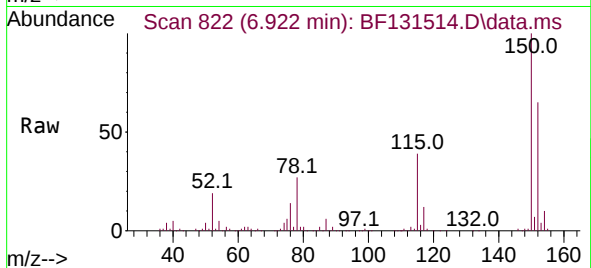
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131514.D
 Acq: 05 Dec 2022 22:57

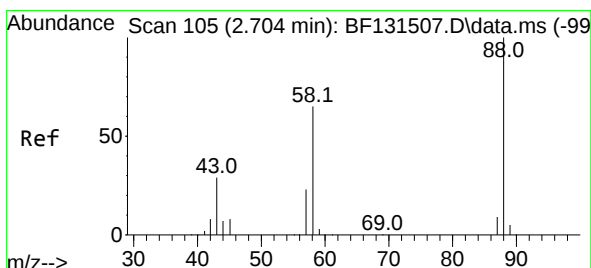
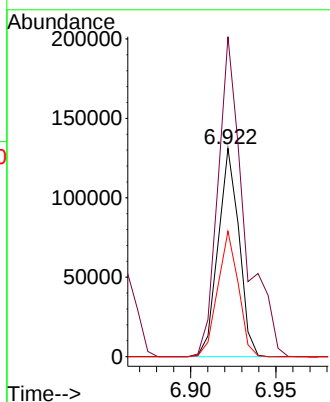
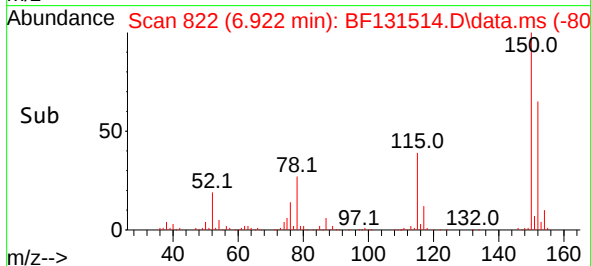
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Tgt Ion:152 Resp: 111402
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.9 182.9
 115 60.2 50.4 75.6

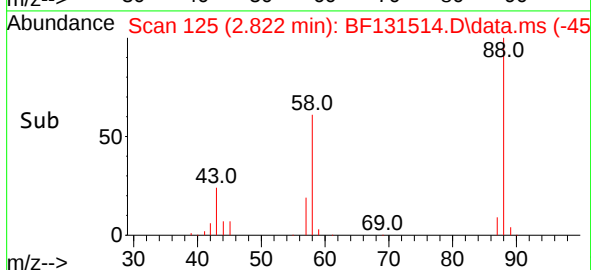
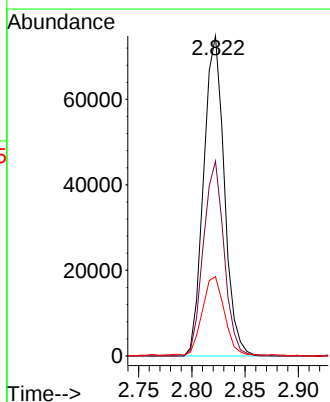
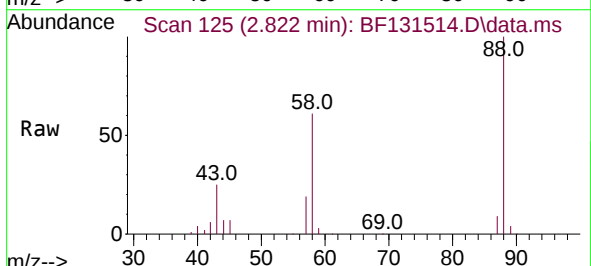
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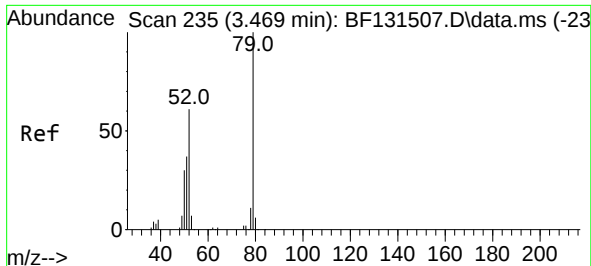
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#2
 1,4-Dioxane
 Concen: 36.156 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.118 min
 Lab File: BF131514.D
 Acq: 05 Dec 2022 22:57

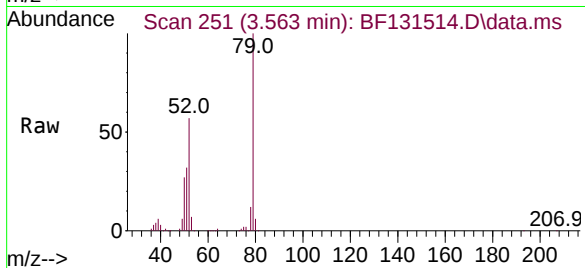
Tgt Ion: 88 Resp: 100968
 Ion Ratio Lower Upper
 88 100
 58 60.7 52.9 79.3
 43 26.2 23.8 35.6





#3
Pyridine
Concen: 33.363 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

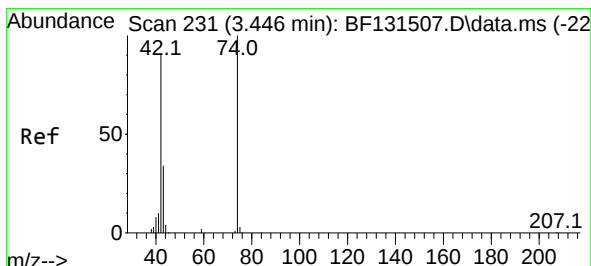
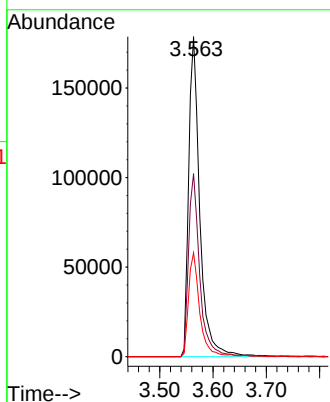
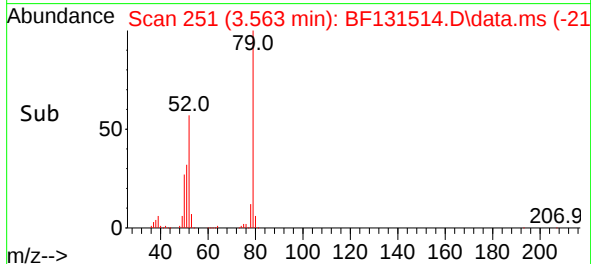
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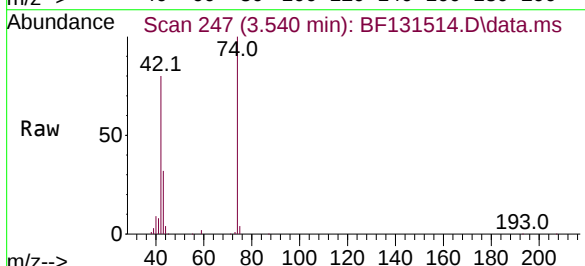
Tgt Ion: 79 Resp: 260074
Ion Ratio Lower Upper
79 100
52 57.2 48.5 72.7
51 32.4 29.4 44.0

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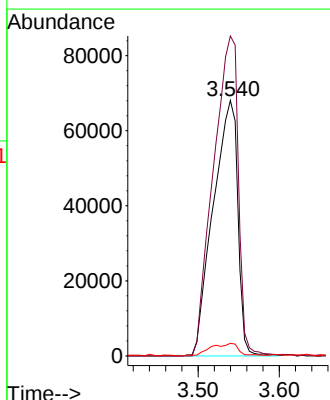
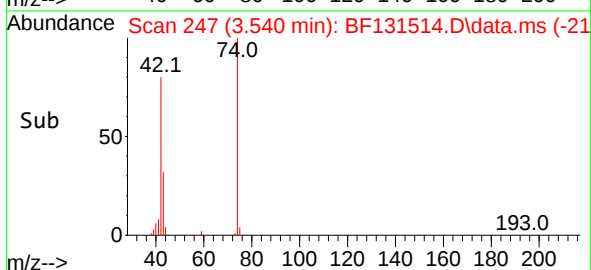
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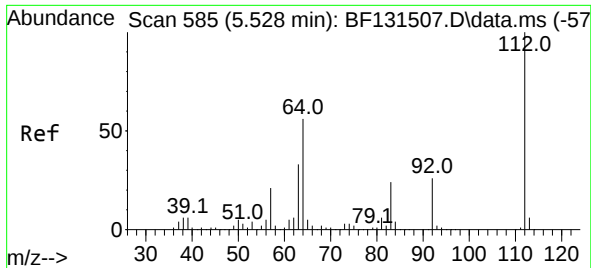


#4
n-Nitrosodimethylamine
Concen: 35.876 ng
RT: 3.540 min Scan# 247
Delta R.T. 0.094 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



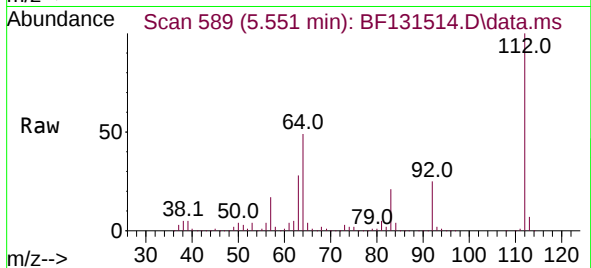
Tgt Ion: 42 Resp: 143318
Ion Ratio Lower Upper
42 100
74 125.2 88.1 132.1
44 4.9 3.7 5.5





#5
2-Fluorophenol
Concen: 141.392 ng
RT: 5.551 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

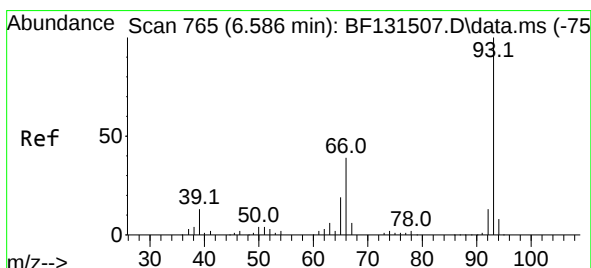
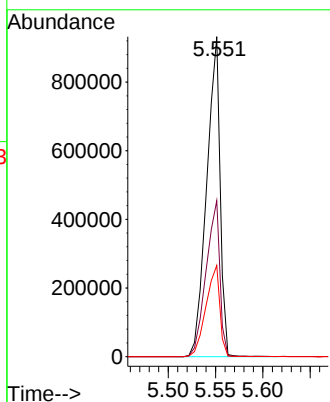
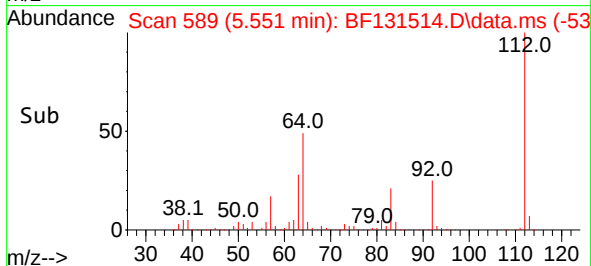
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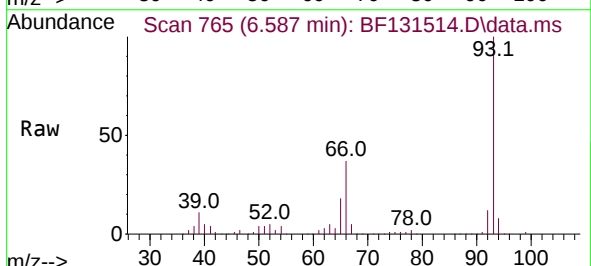
Tgt Ion:112 Resp: 922383
Ion Ratio Lower Upper
112 100
64 48.7 44.5 66.7
63 28.5 26.7 40.1

Manual Integrations
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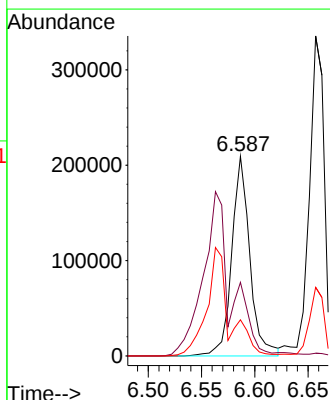
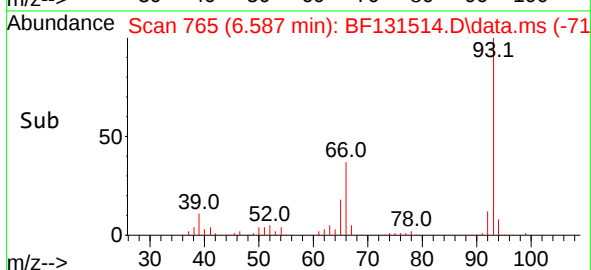
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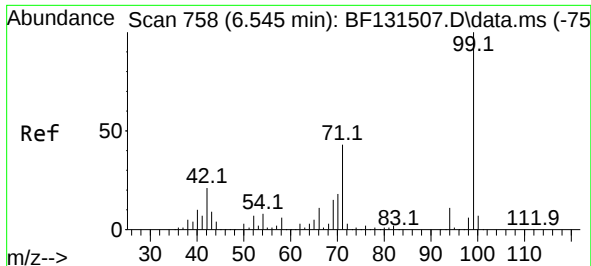


#6
Aniline
Concen: 24.502 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



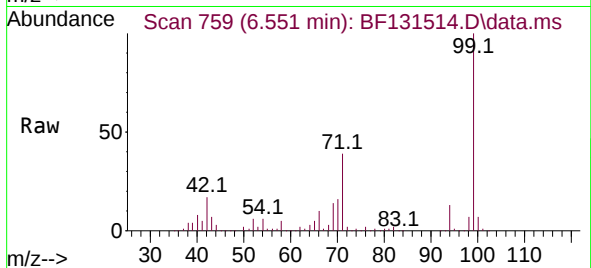
Tgt Ion: 93 Resp: 246404
Ion Ratio Lower Upper
93 100
66 36.8 32.6 49.0
65 18.1 15.8 23.8





#7
Phenol-d6
Concen: 141.899 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

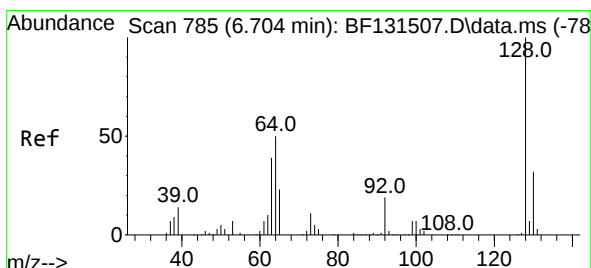
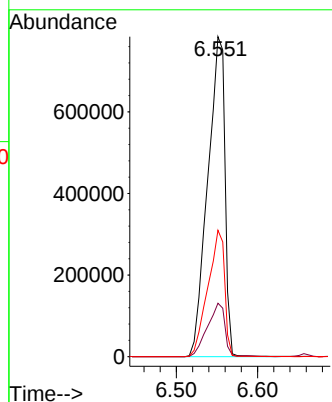
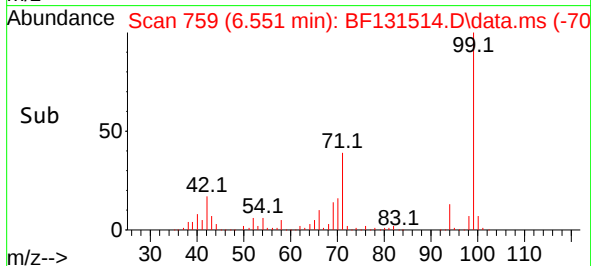
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Tgt Ion: 99 Resp: 115595
Ion Ratio Lower Upper
99 100
42 16.7 16.6 25.0
71 39.5 34.4 51.6

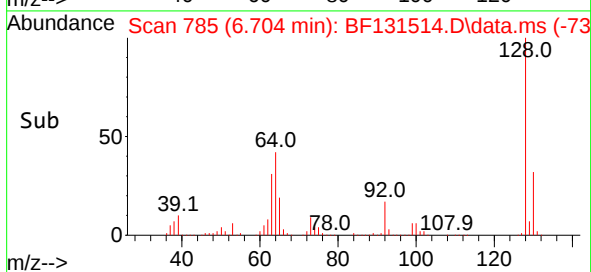
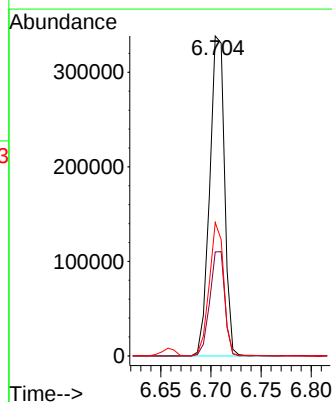
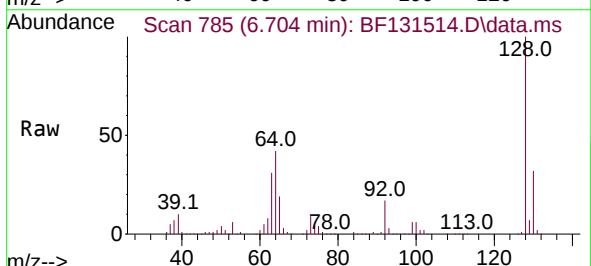
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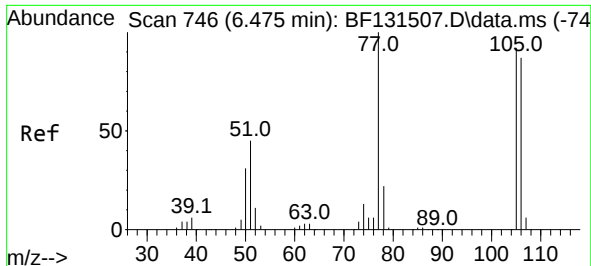
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#8
2-Chlorophenol
Concen: 49.978 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:128 Resp: 348166
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 41.7 31.7 71.7





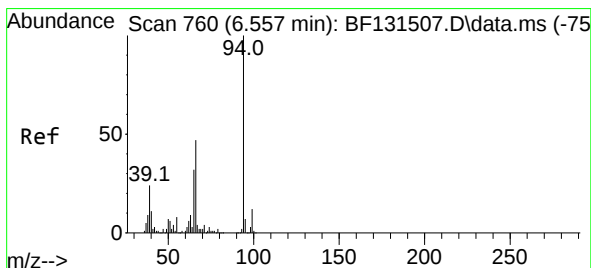
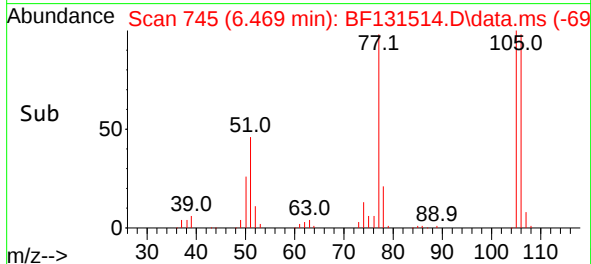
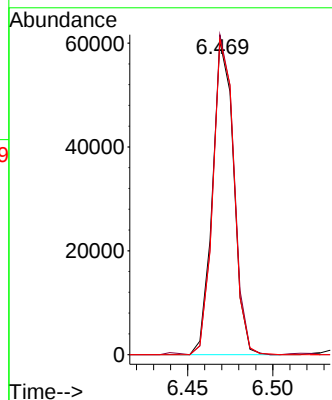
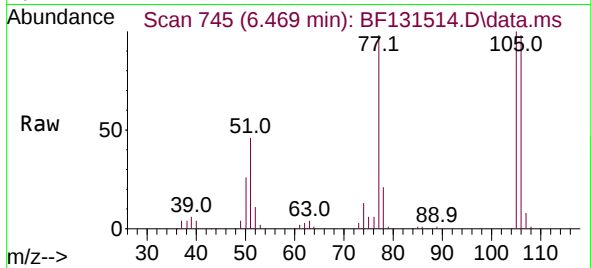
#9
Benzaldehyde
Concen: 10.038 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Instrument :
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Tgt Ion: 77 Resp: 52191
Ion Ratio Lower Upper
77 100
105 102.0 71.9 111.9
106 100.5 67.2 107.2

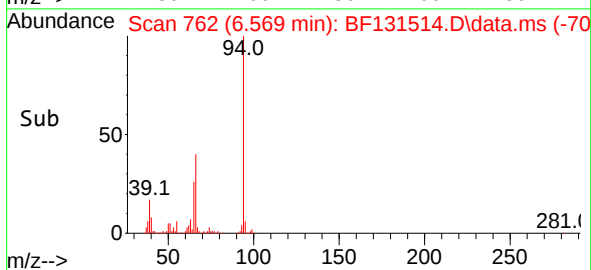
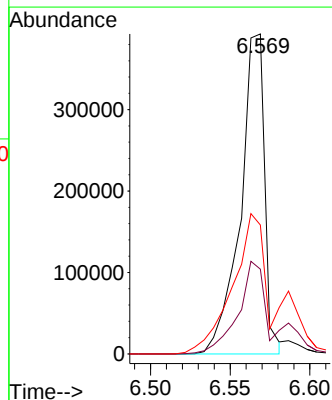
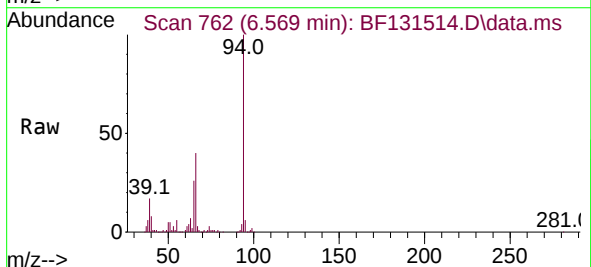
Manual Integrations
APPROVED

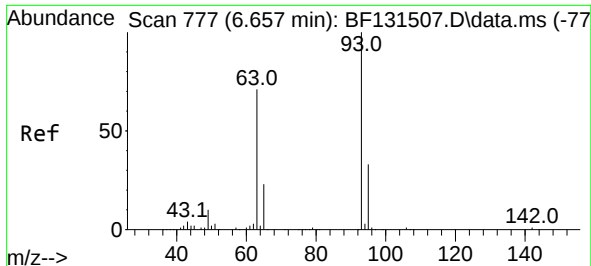
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#10
Phenol
Concen: 45.107 ng m
RT: 6.569 min Scan# 762
Delta R.T. 0.012 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion: 94 Resp: 415673
Ion Ratio Lower Upper
94 100
65 26.5 12.1 52.1
66 40.3 27.1 67.1





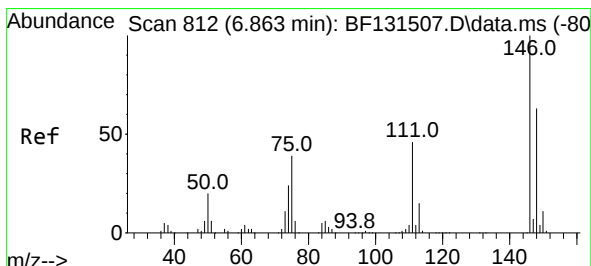
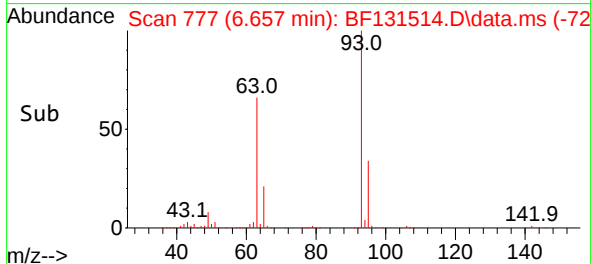
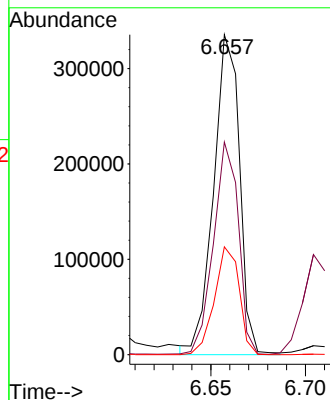
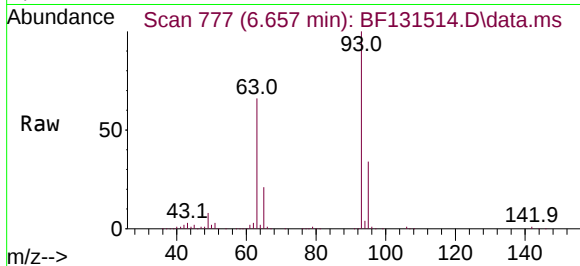
#11
bis(2-Chloroethyl)ether
Concen: 46.926 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Instrument :
BNA_F
ClientSampleId :
PB149409BSD

Tgt Ion: 93 Resp: 319398
Ion Ratio Lower Upper
93 100
63 66.4 51.2 91.2
95 33.7 13.0 53.0

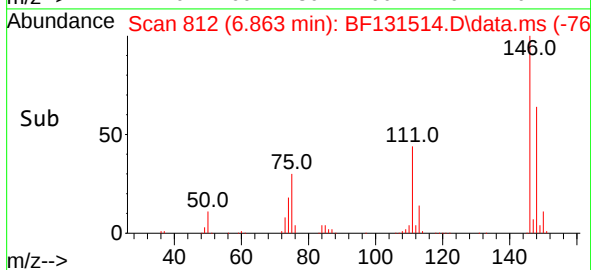
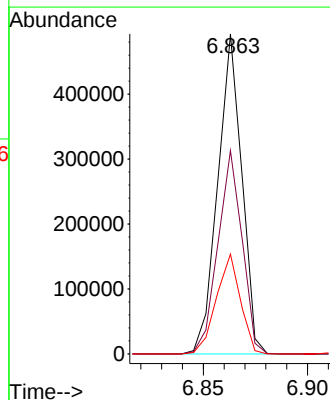
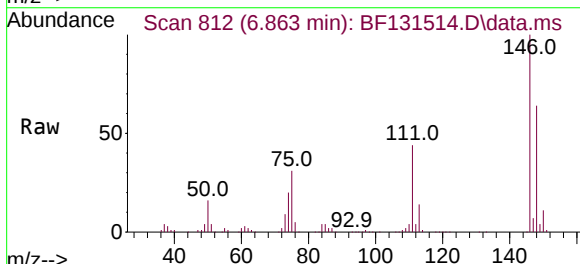
Manual Integrations
APPROVED

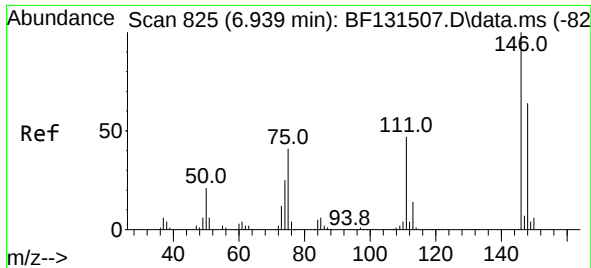
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#12
1,3-Dichlorobenzene
Concen: 48.518 ng m
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:146 Resp: 394512
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 31.2 31.4 47.2#





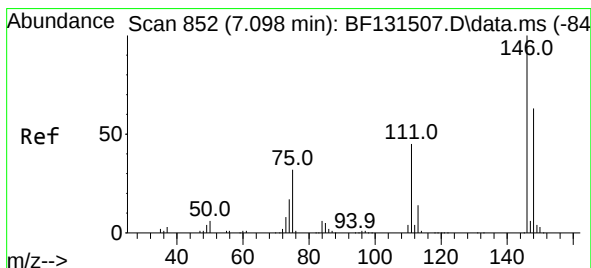
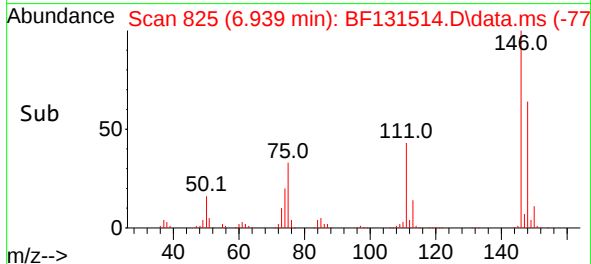
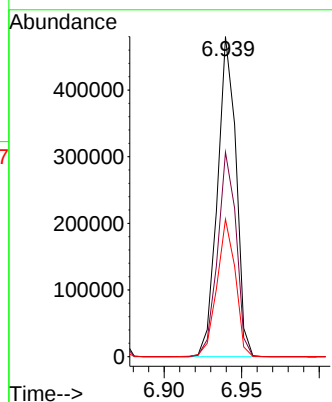
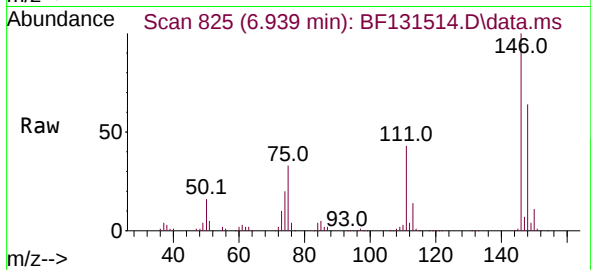
#13
1,4-Dichlorobenzene
Concen: 48.146 ng
RT: 6.939 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Instrument :
BNA_F
ClientSampleId :
PB149409BSD

Tgt Ion:146 Resp: 400103
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 42.9 37.6 56.4

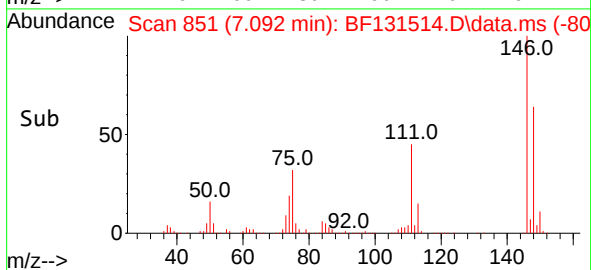
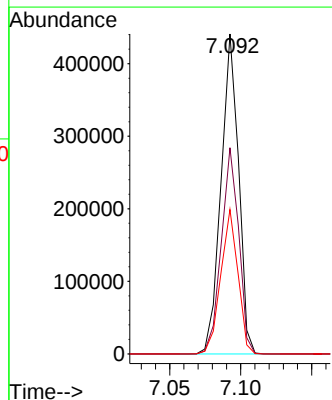
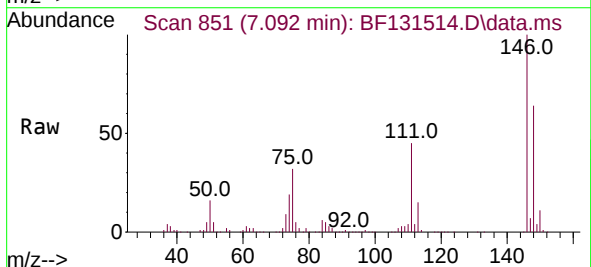
Manual Integrations
APPROVED

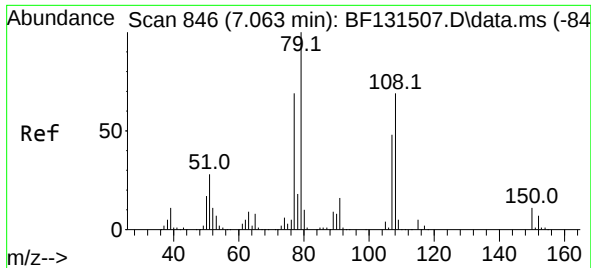
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#14
1,2-Dichlorobenzene
Concen: 48.880 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

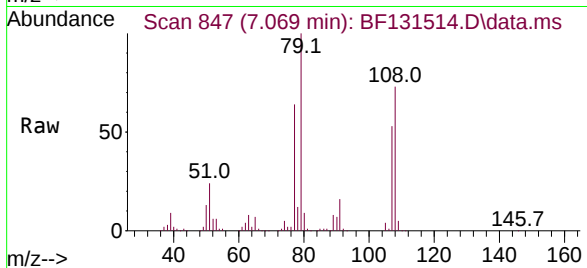
Tgt Ion:146 Resp: 378478
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
111 45.1 36.1 54.1





#15
Benzyl Alcohol
Concen: 42.883 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

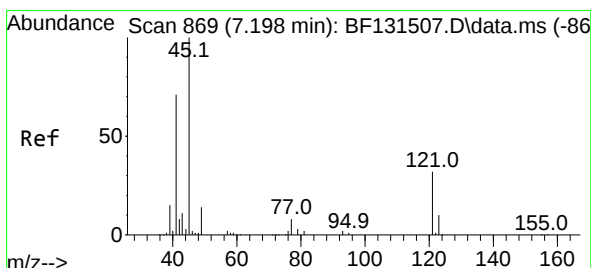
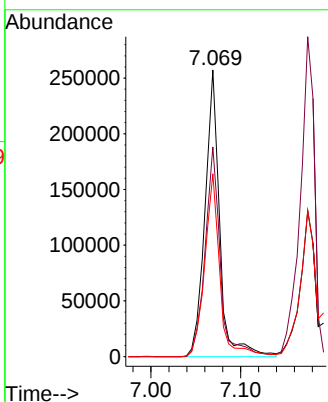
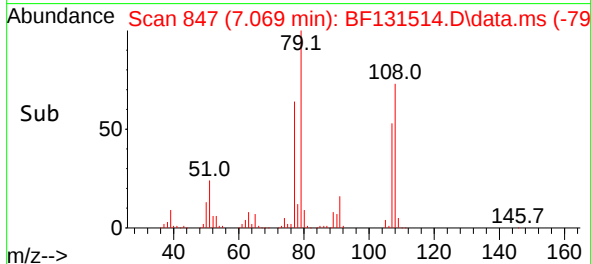
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion: 79 Resp: 292192
Ion Ratio Lower Upper
79 100
108 73.2 55.1 82.7
77 63.8 55.4 83.0

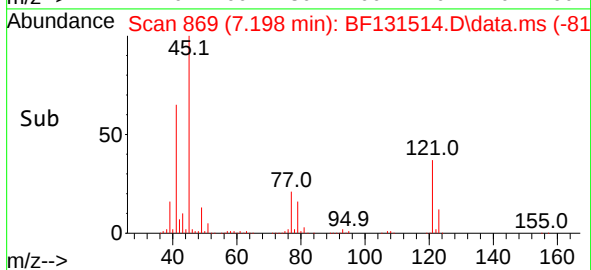
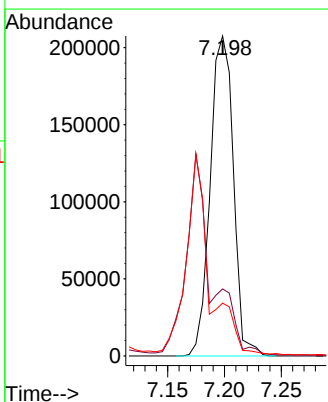
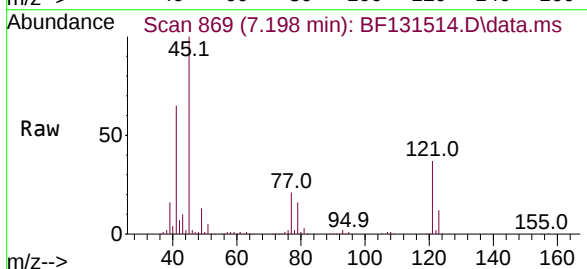
Manual Integrations
APPROVED

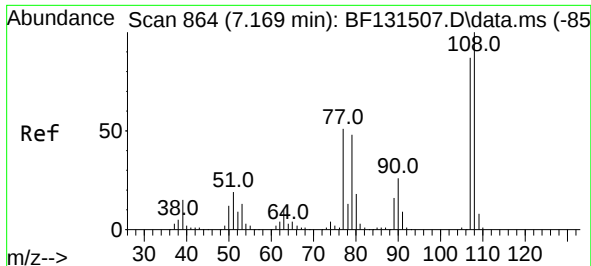
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.986 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

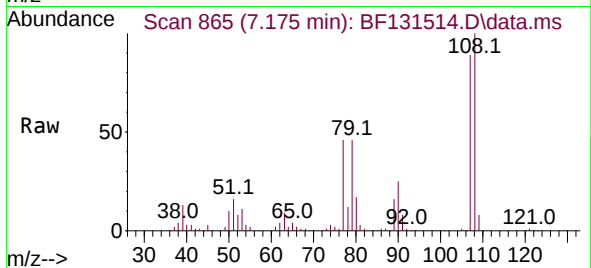
Tgt Ion: 45 Resp: 293462
Ion Ratio Lower Upper
45 100
77 20.9 1.8 41.8
79 16.5 0.0 36.4





#17
2-Methylphenol
Concen: 47.026 ng
RT: 7.175 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

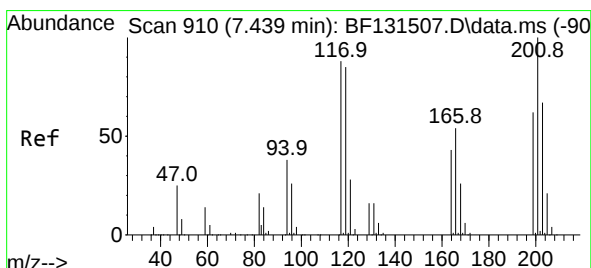
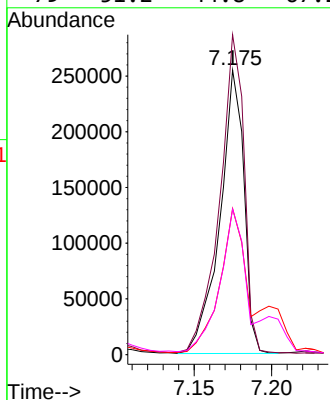
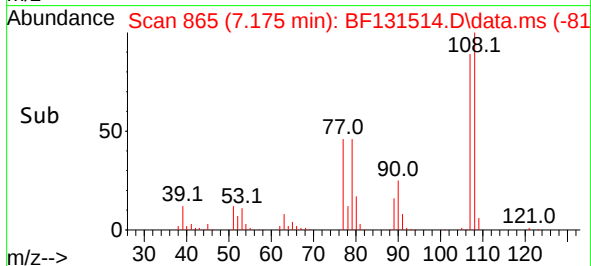
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion:107 Resp: 273642
Ion Ratio Lower Upper
107 100
108 112.5 92.1 138.1
77 51.3 47.0 70.4
79 51.2 44.8 67.2

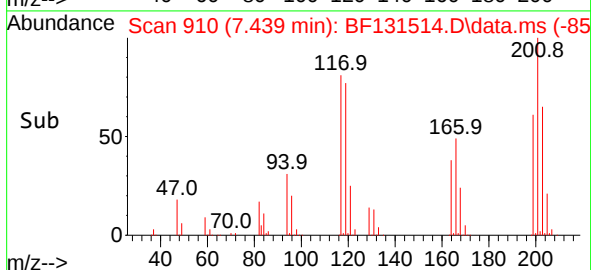
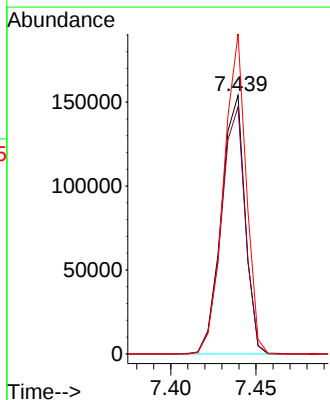
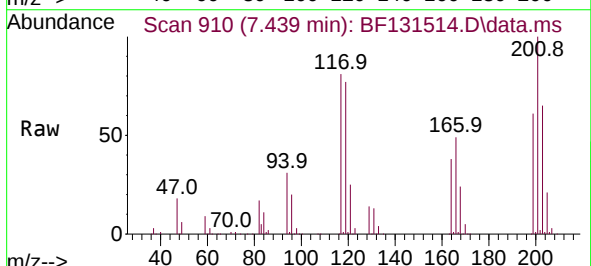
Manual Integrations
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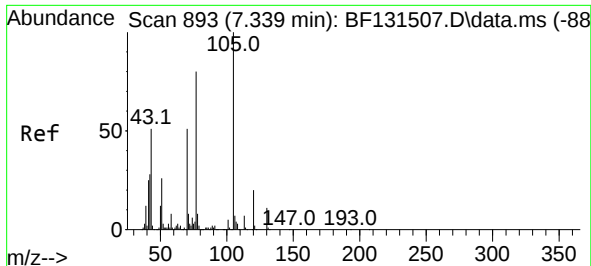
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#18
Hexachloroethane
Concen: 48.061 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

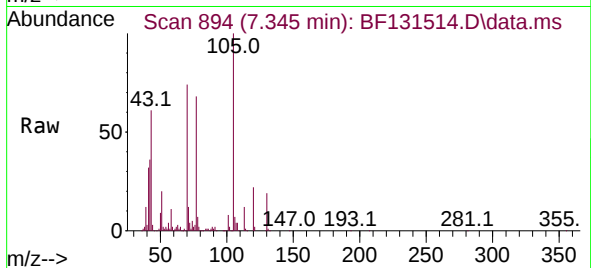
Tgt Ion:117 Resp: 148386
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8
201 123.8 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.366 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

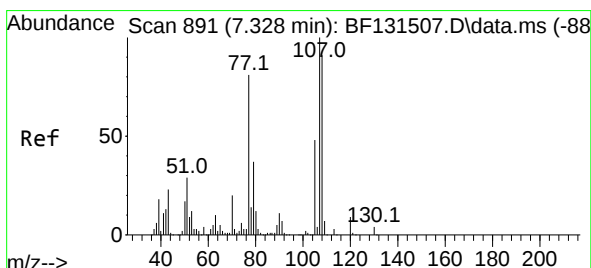
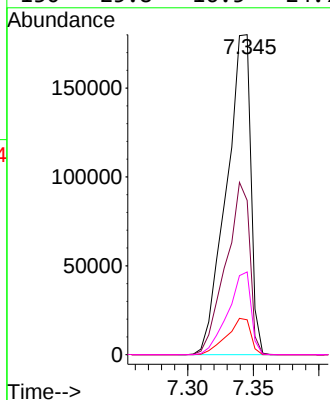
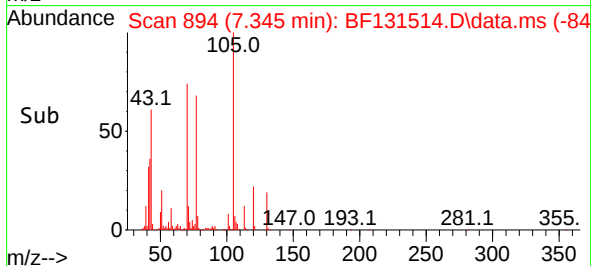
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion: 70 Resp: 233581
Ion Ratio Lower Upper
70 100
42 48.2 44.1 66.1
101 10.9 7.7 11.5
130 25.8 16.5 24.7#

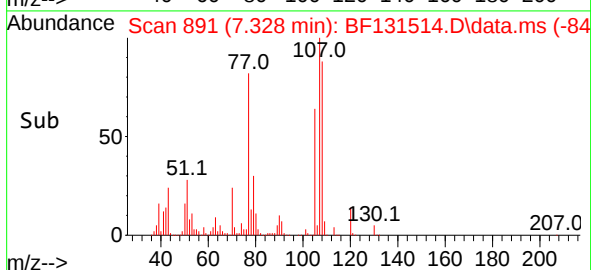
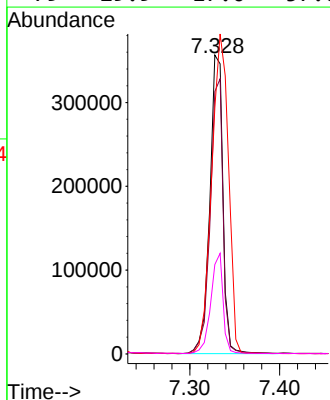
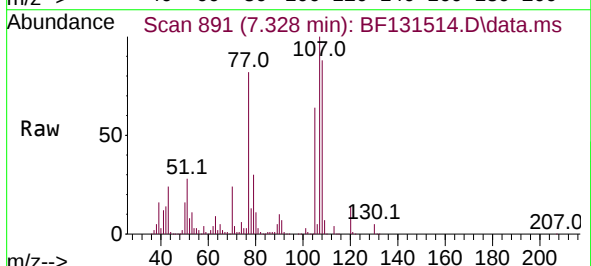
Manual Integrations
APPROVED

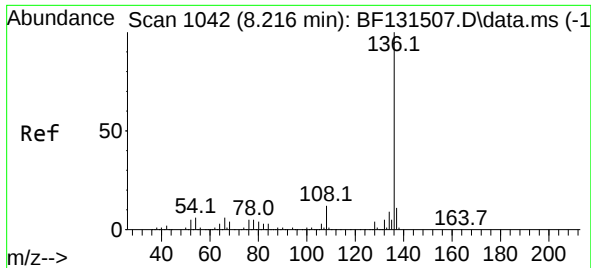
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#20
3+4-Methylphenols
Concen: 46.229 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

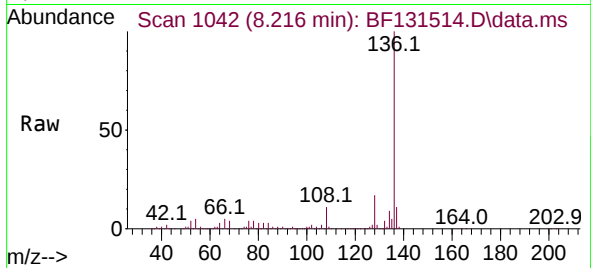
Tgt Ion:107 Resp: 363787
Ion Ratio Lower Upper
107 100
108 87.8 70.8 110.8
77 82.3 60.7 100.7
79 29.9 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

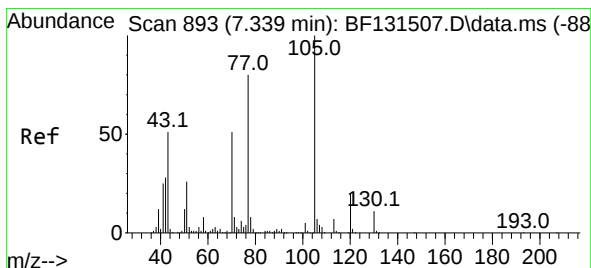
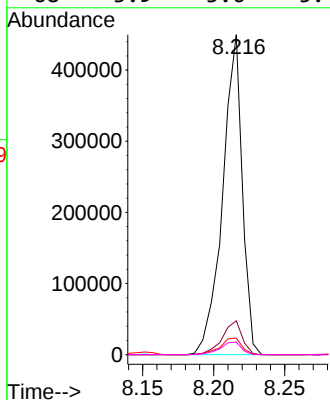
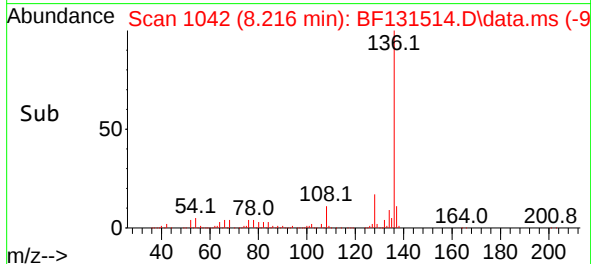
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



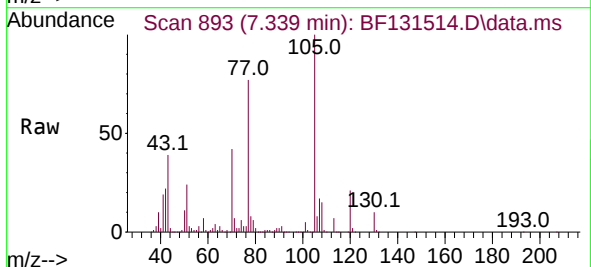
Tgt Ion:136 Resp: 433111
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.2 5.0 7.6
68 3.9 3.6 5.4

Manual Integrations
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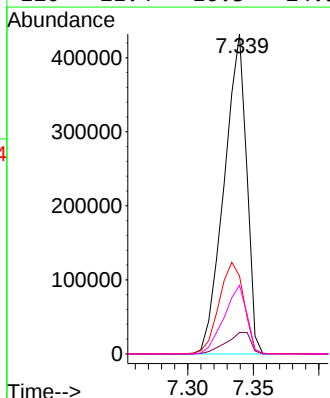
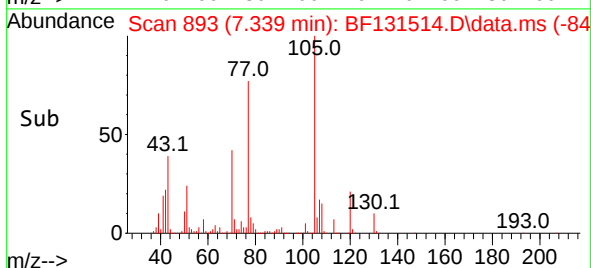
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

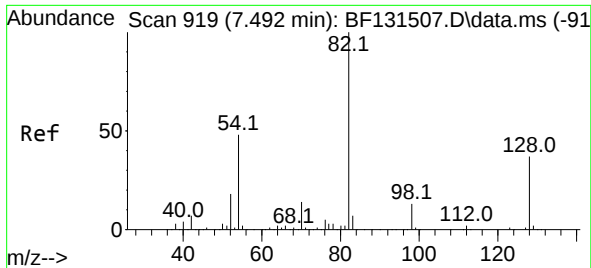


#22
Acetophenone
Concen: 43.856 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



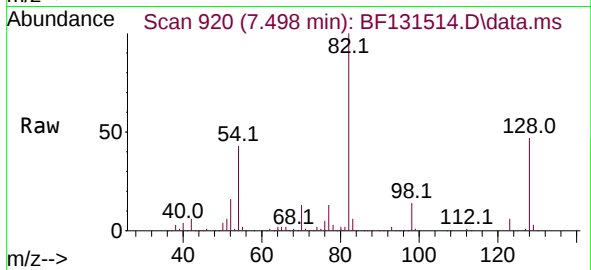
Tgt Ion:105 Resp: 515425
Ion Ratio Lower Upper
105 100
71 6.7 6.6 10.0
51 24.4 21.0 31.6
120 21.4 16.3 24.5





#23
Nitrobenzene-d5
Concen: 77.659 ng
RT: 7.498 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

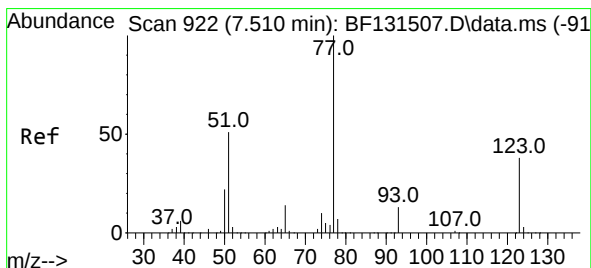
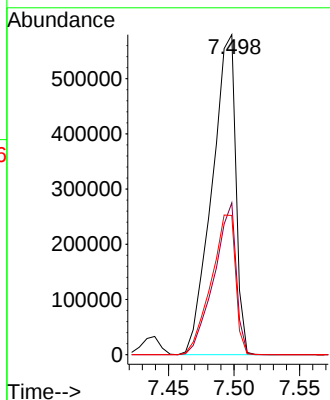
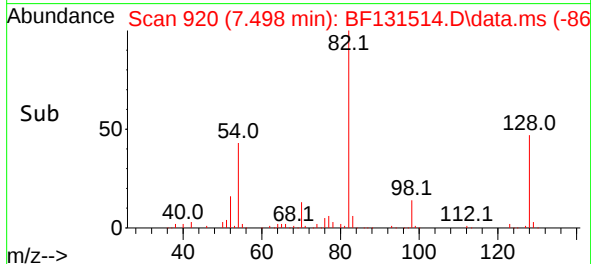
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion: 82 Resp: 732852
Ion Ratio Lower Upper
82 100
128 47.4 29.7 44.5
54 43.5 38.7 58.1

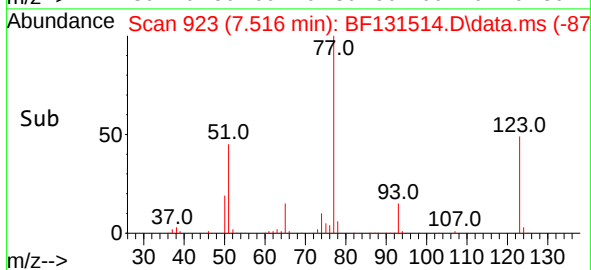
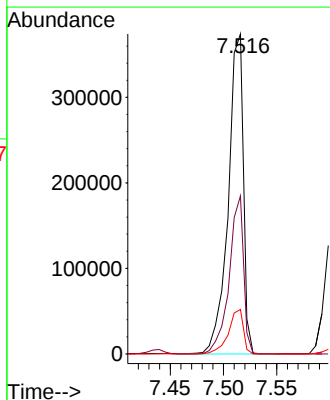
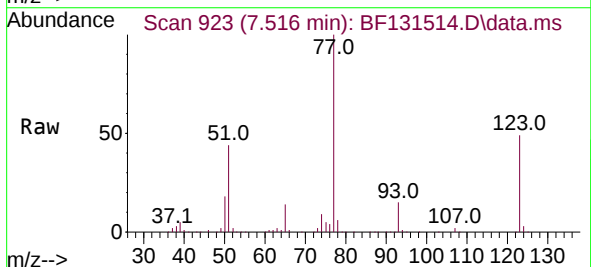
Manual Integrations
APPROVED

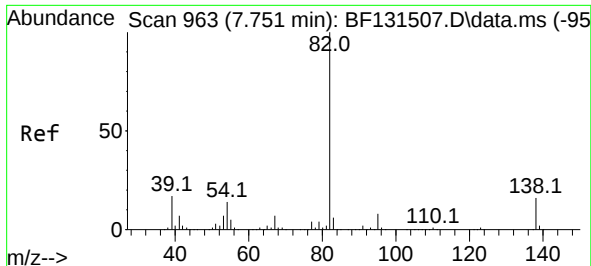
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#24
Nitrobenzene
Concen: 38.799 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

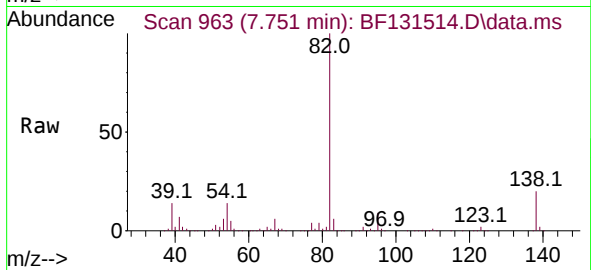
Tgt Ion: 77 Resp: 369420
Ion Ratio Lower Upper
77 100
123 49.4 31.0 46.4
65 13.9 11.4 17.2





#25
Isophorone
Concen: 44.437 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

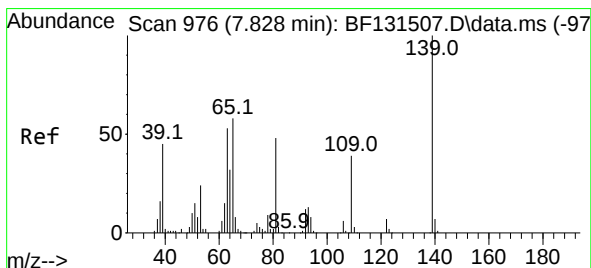
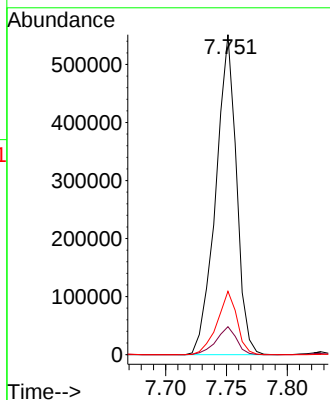
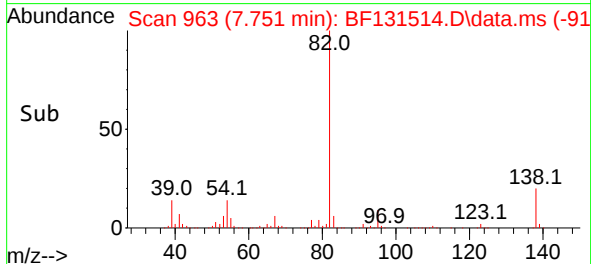
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion: 82 Resp: 652295
Ion Ratio Lower Upper
82 100
95 8.7 6.6 9.8
138 19.8 12.7 19.1

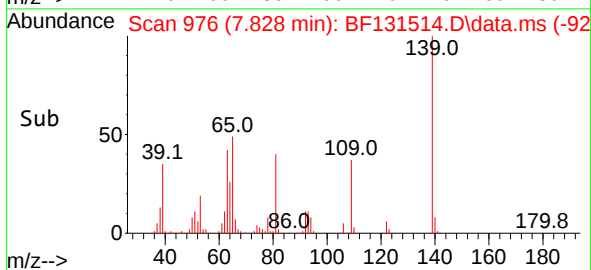
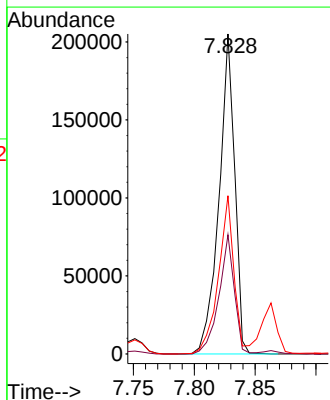
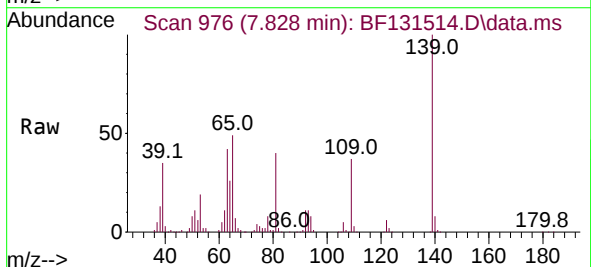
Manual Integrations
APPROVED

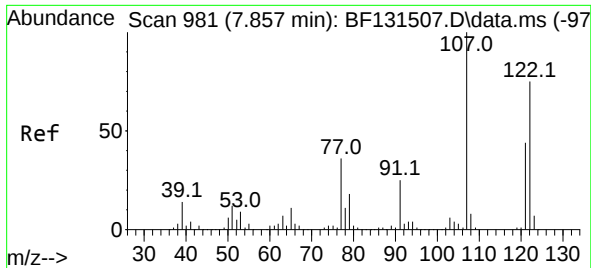
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#26
2-Nitrophenol
Concen: 52.677 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:139 Resp: 183640
Ion Ratio Lower Upper
139 100
109 37.2 31.6 47.4
65 49.5 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 56.190 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

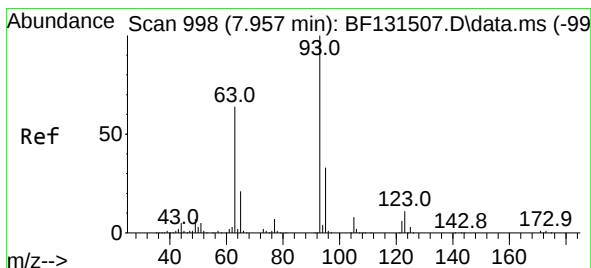
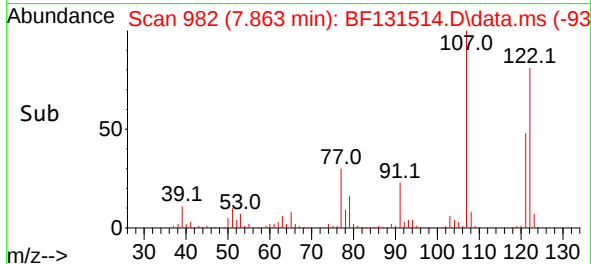
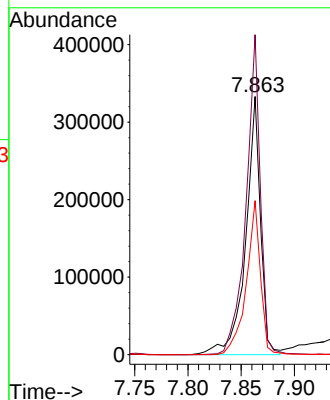
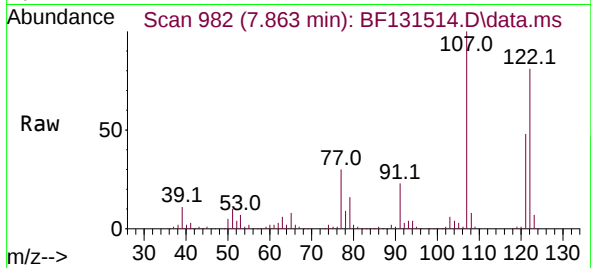
PB149409BSD

Tgt Ion:122 Resp: 321622
 Ion Ratio Lower Upper
 122 100
 107 124.0 106.8 160.2
 121 59.7 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.339 ng

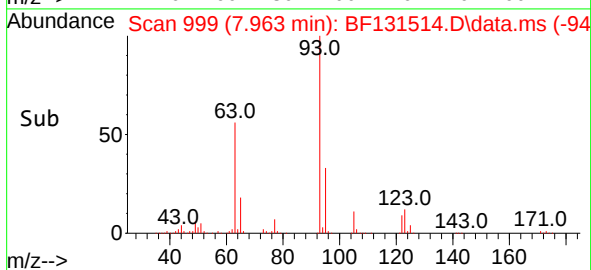
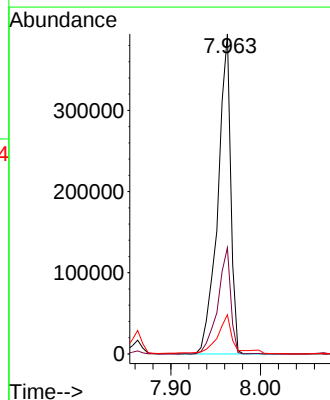
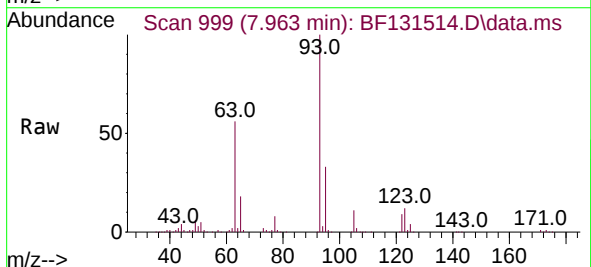
RT: 7.963 min Scan# 999

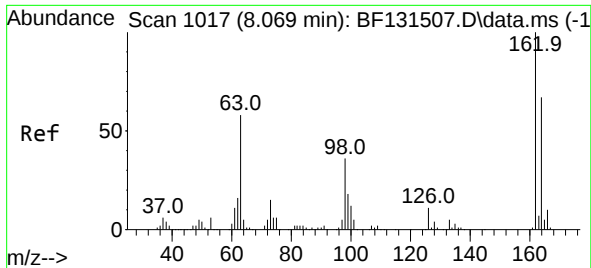
Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion: 93 Resp: 393369
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 12.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 47.636 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

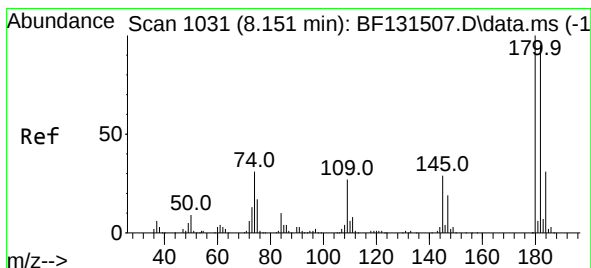
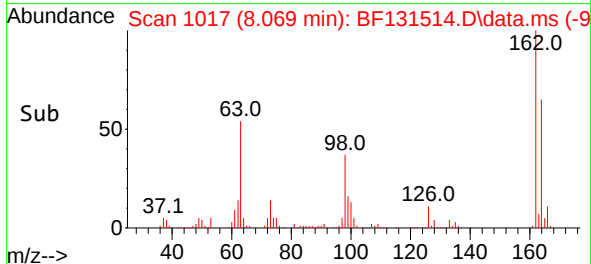
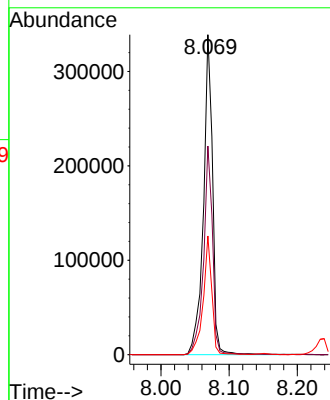
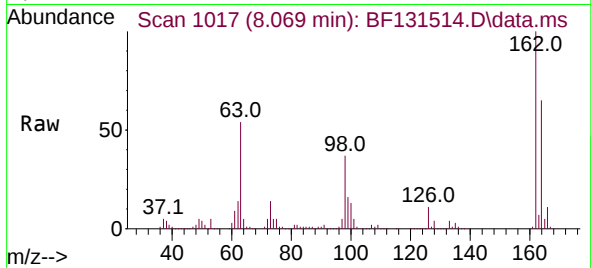
PB149409BSD

Tgt Ion:162 Resp: 315814
 Ion Ratio Lower Upper
 162 100
 164 65.2 47.3 87.3
 98 37.1 16.3 56.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.110 ng

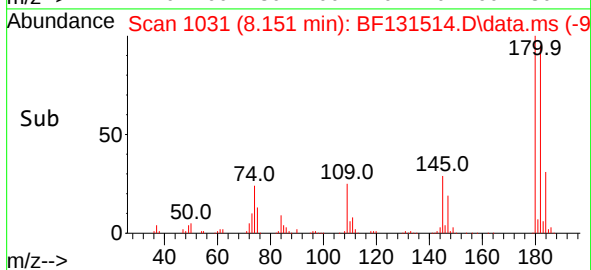
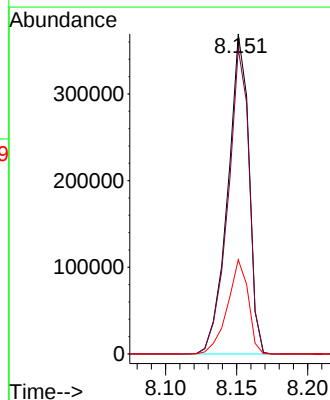
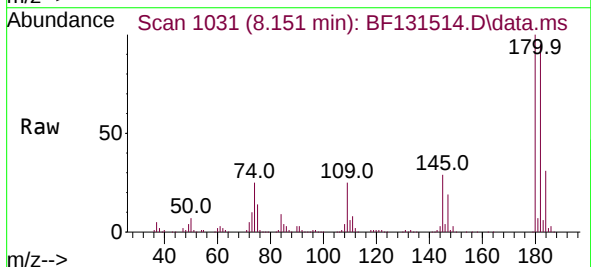
RT: 8.151 min Scan# 1031

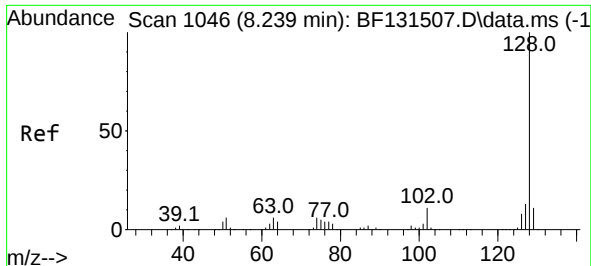
Delta R.T. 0.000 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

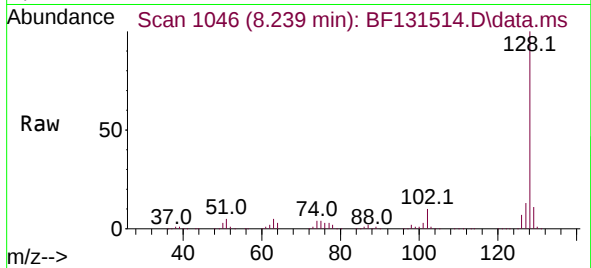
Tgt Ion:180 Resp: 381975
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.3 114.5
 145 29.4 23.3 34.9





#31
Naphthalene
Concen: 43.533 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

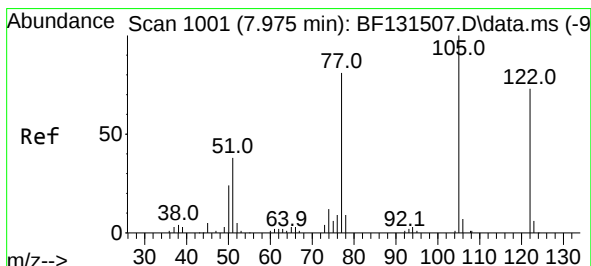
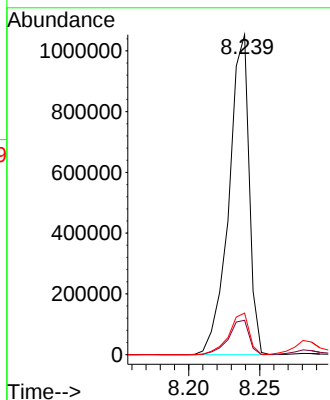
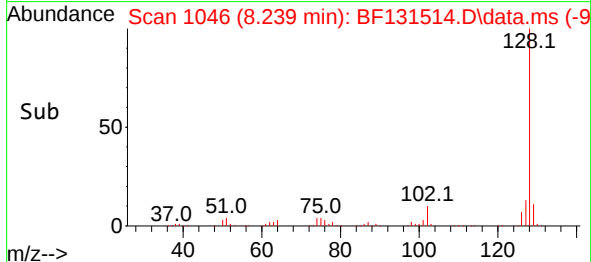
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion:128 Resp: 1042356
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.6 16.0

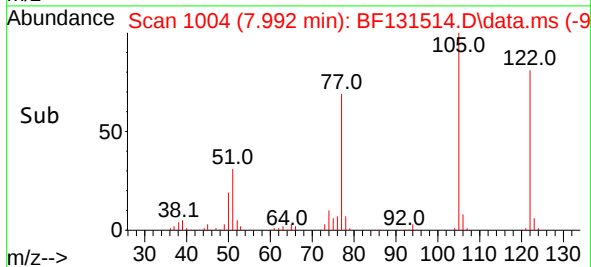
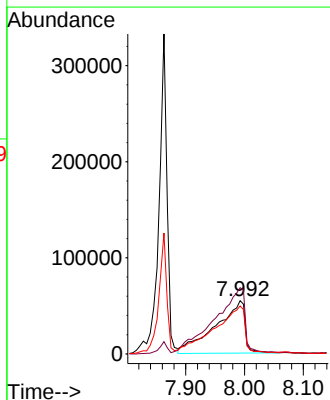
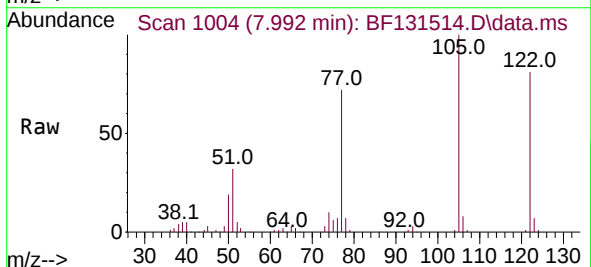
Manual Integrations
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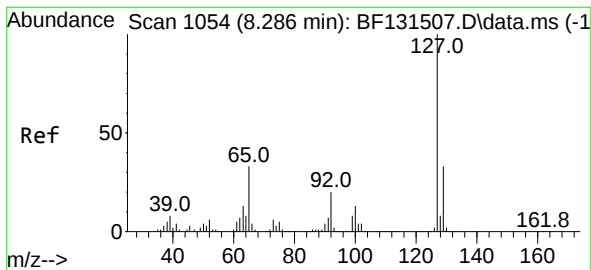
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#32
Benzoic acid
Concen: 55.319 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.017 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:122 Resp: 190946
Ion Ratio Lower Upper
122 100
105 124.1 114.0 154.0
77 89.8 90.3 130.3#





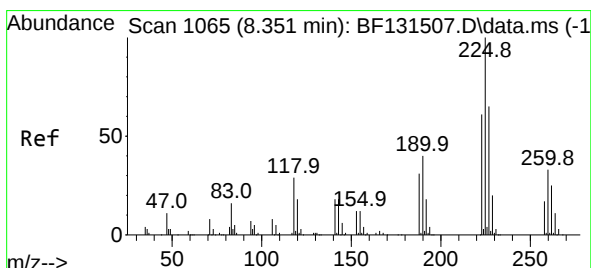
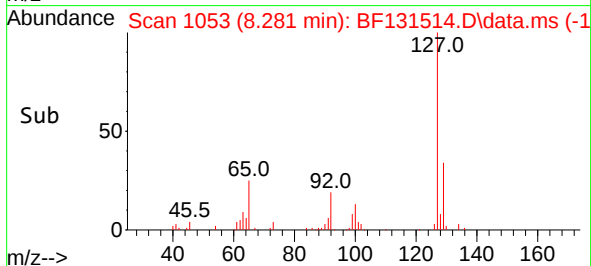
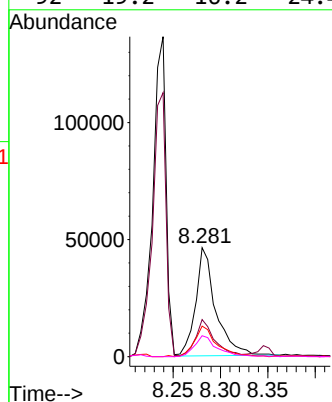
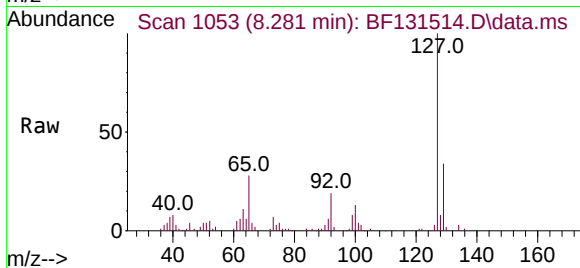
#33
4-Chloroaniline
Concen: 7.575 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Instrument :
BNA_F
ClientSampleId :
PB149409BSD

Tgt Ion:	127	Resp:	67933
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.5	39.7
65	28.0	26.4	39.6
92	19.2	16.2	24.4

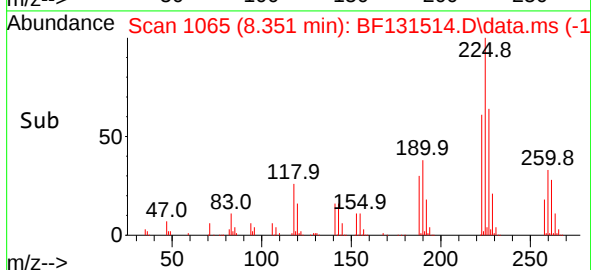
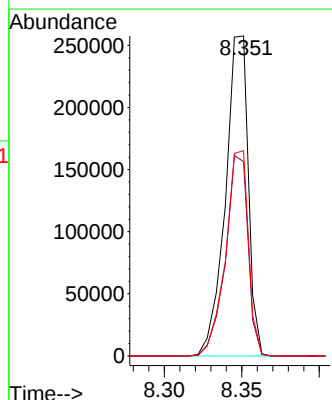
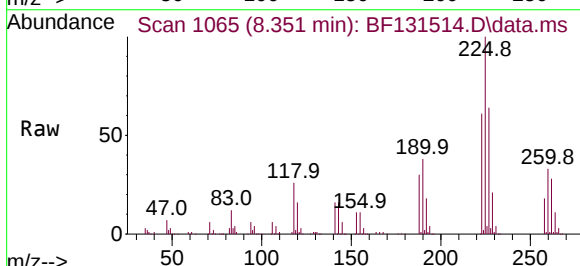
Manual Integrations
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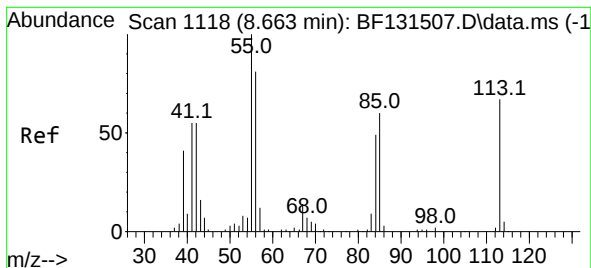
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#34
Hexachlorobutadiene
Concen: 44.851 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:	225	Resp:	265371
Ion Ratio	Lower	Upper	
225	100		
223	60.7	49.2	73.8
227	64.1	51.7	77.5





#35

Caprolactam

Concen: 48.185 ng m

RT: 8.663 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

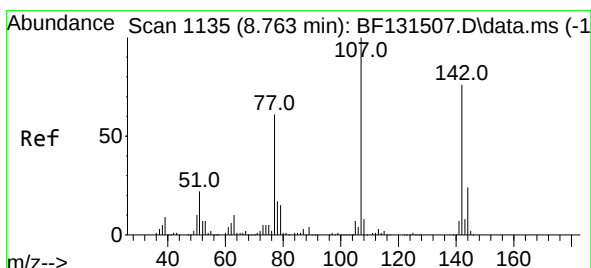
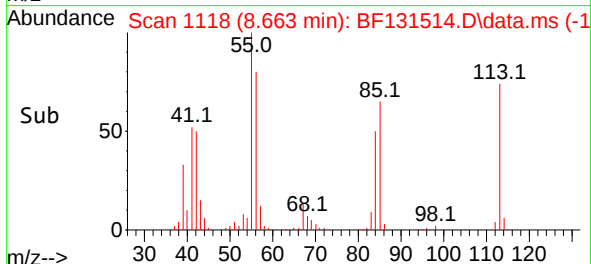
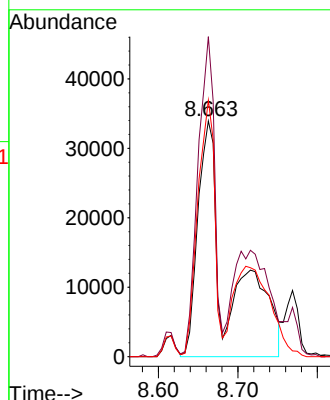
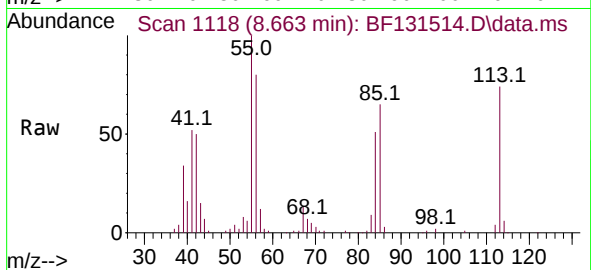
PB149409BSD

Tgt Ion:	113	Resp:	89675
Ion Ratio	Lower	Upper	
113	100		
55	135.9	128.2	168.2
56	108.8	100.7	140.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#36

4-Chloro-3-methylphenol

Concen: 45.901 ng

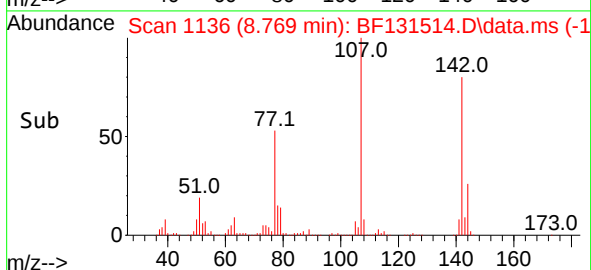
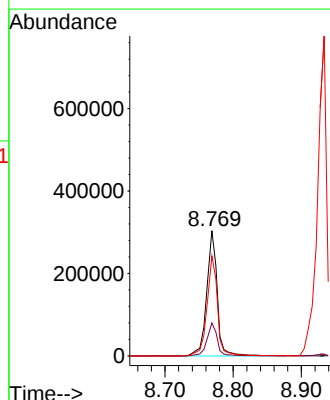
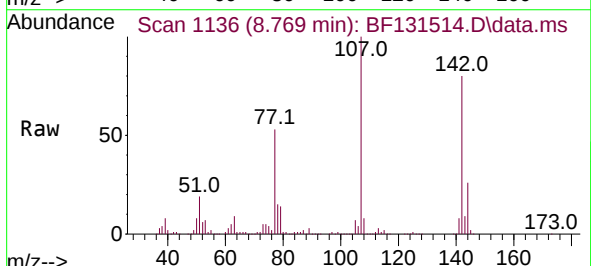
RT: 8.769 min Scan# 1136

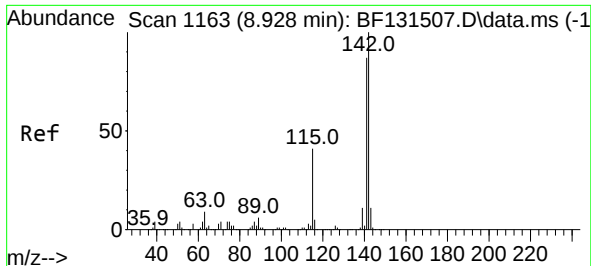
Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion:	107	Resp:	325300
Ion Ratio	Lower	Upper	
107	100		
144	26.3	19.4	29.0
142	79.8	61.1	91.7





#37

2-Methylnaphthalene

Concen: 44.933 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

Tgt Ion:142 Resp: 719954

Ion Ratio Lower Upper

142 100

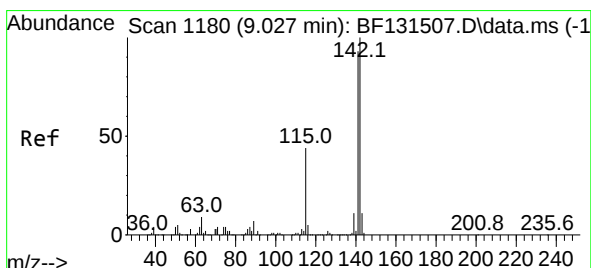
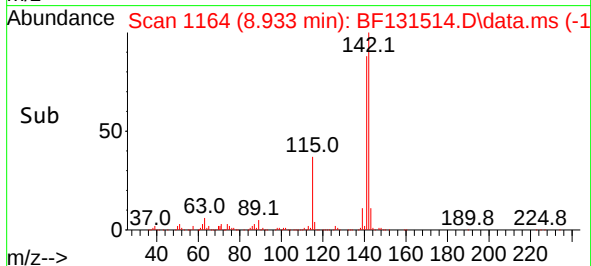
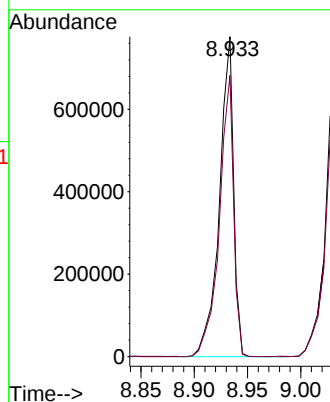
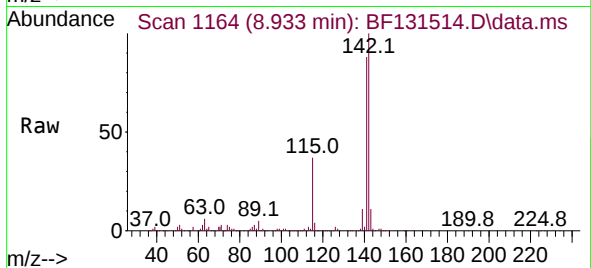
141 87.9 69.7 104.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#38

1-Methylnaphthalene

Concen: 43.645 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF131514.D

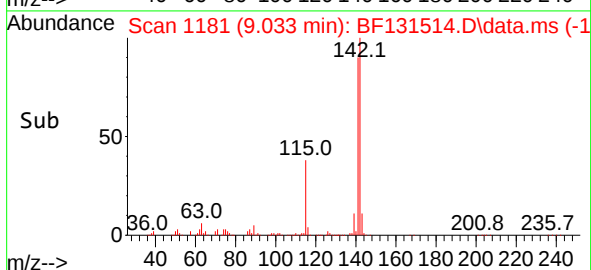
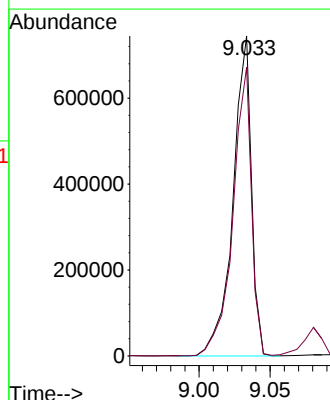
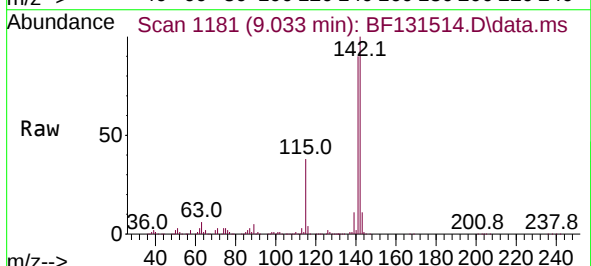
Acq: 05 Dec 2022 22:57

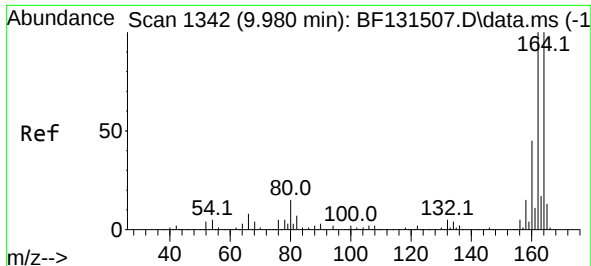
Tgt Ion:142 Resp: 671983

Ion Ratio Lower Upper

142 100

141 90.2 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: BF131514.D

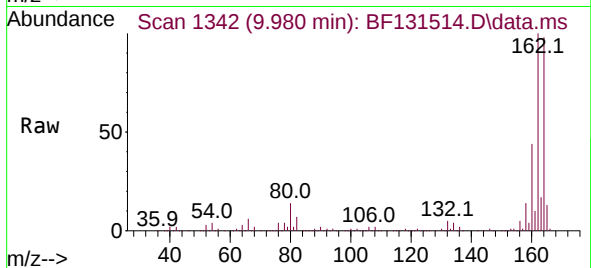
Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

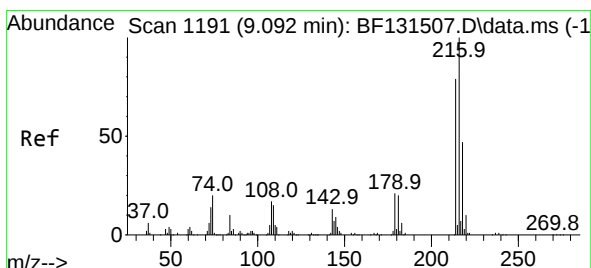
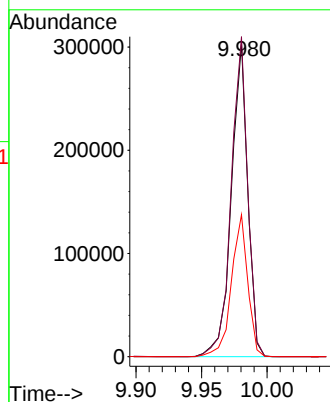
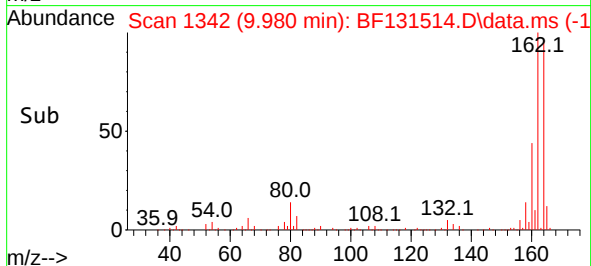


Tgt Ion:164	Resp: 263220
Ion Ratio	Lower Upper
164 100	
162 102.1	80.1 120.1
160 45.3	36.4 54.6

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Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#40

1,2,4,5-Tetrachlorobenzene

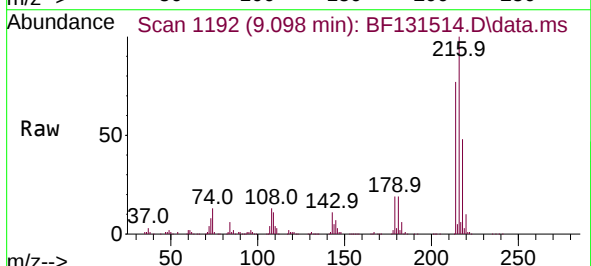
Concen: 44.947 ng

RT: 9.098 min Scan# 1192

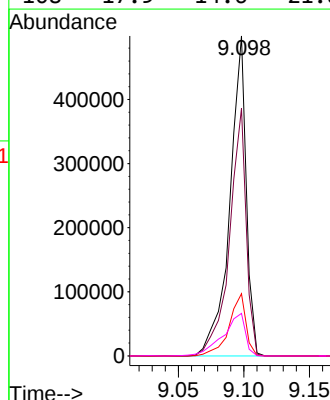
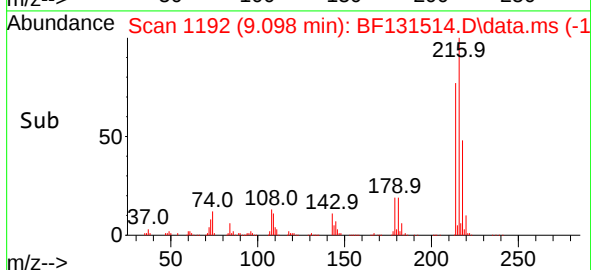
Delta R.T. 0.006 min

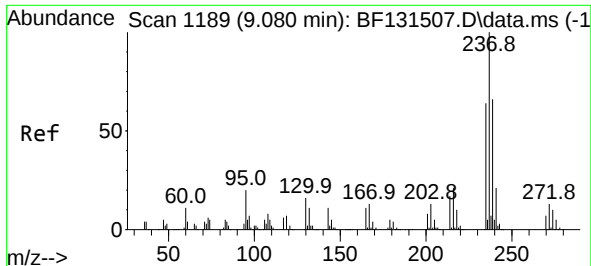
Lab File: BF131514.D

Acq: 05 Dec 2022 22:57



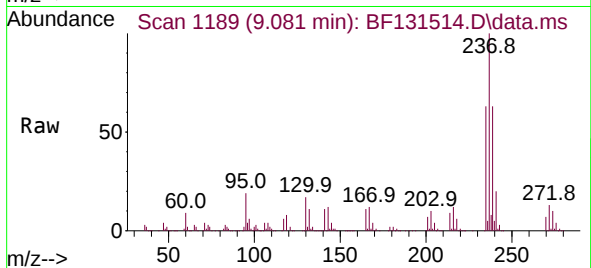
Tgt Ion:216	Resp: 437044
Ion Ratio	Lower Upper
216 100	
214 78.0	62.2 93.4
179 19.8	16.4 24.6
108 17.9	14.6 21.8





#41
Hexachlorocyclopentadiene
Concen: 132.277 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

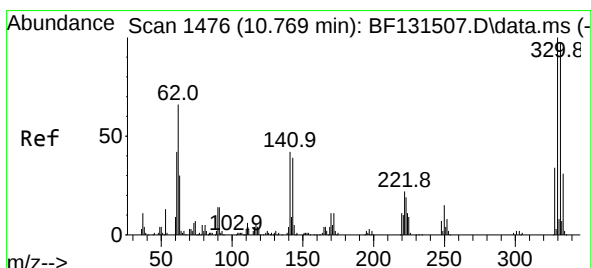
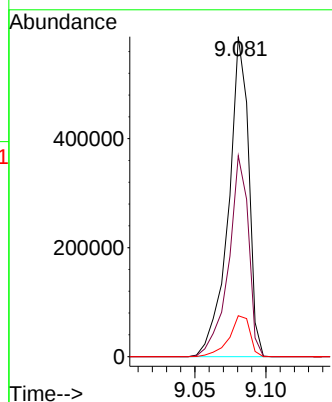
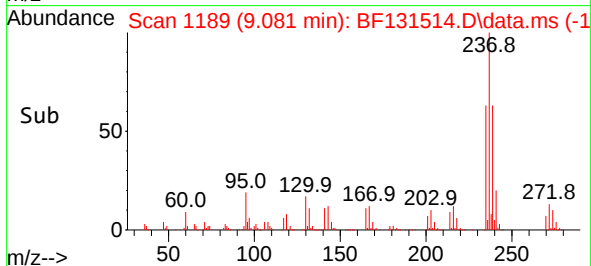
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



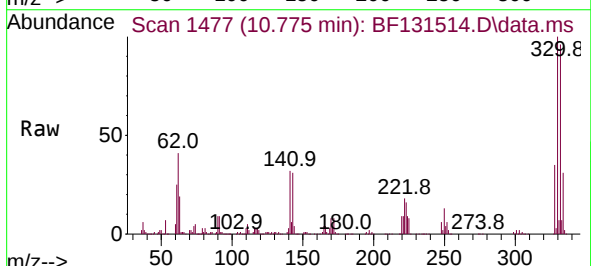
Tgt Ion:237 Resp: 579389
Ion Ratio Lower Upper
237 100
235 62.8 44.2 84.2
272 12.8 0.0 32.9

Manual Integrations
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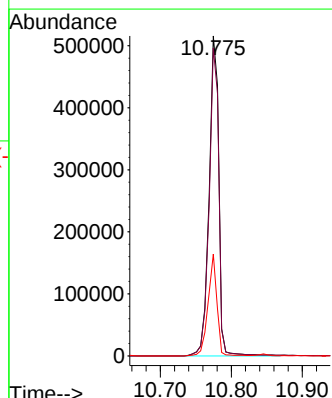
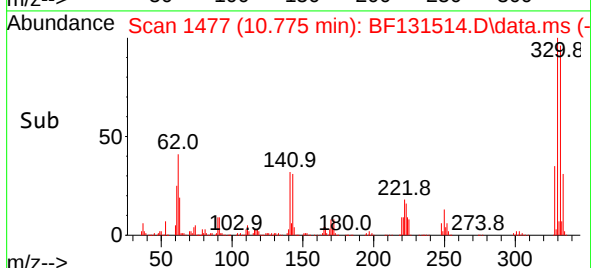
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

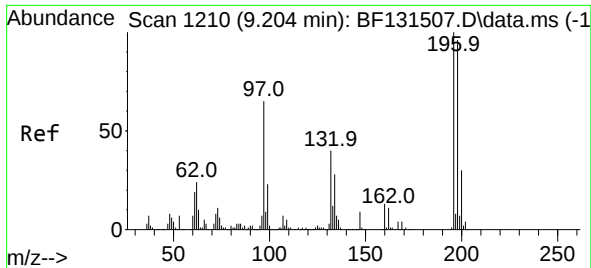


#42
2,4,6-Tribromophenol
Concen: 163.600 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



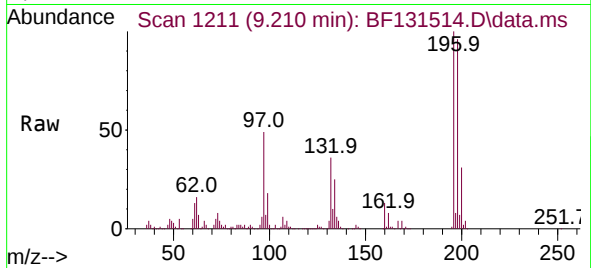
Tgt Ion:330 Resp: 490327
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 29.1 29.1 43.7#





#43
2,4,6-Trichlorophenol
Concen: 45.316 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

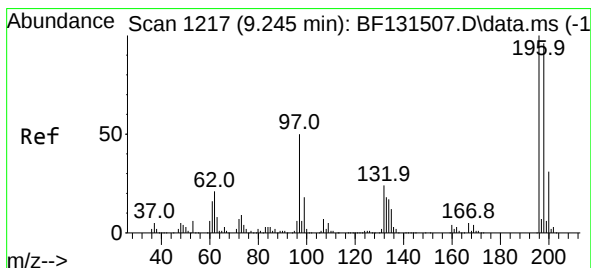
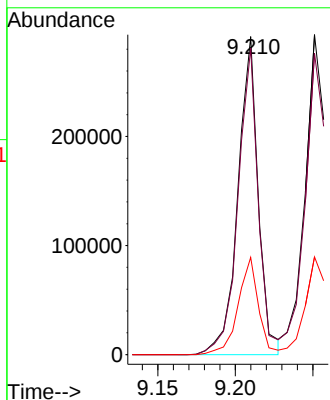
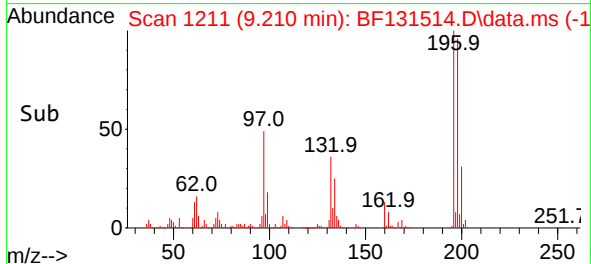
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



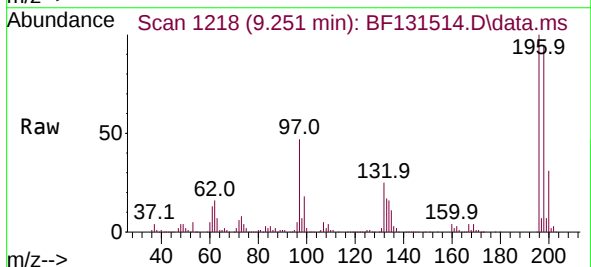
Tgt Ion:196 Resp: 266411
Ion Ratio Lower Upper
196 100
198 96.4 76.5 114.7
200 30.6 24.2 36.2

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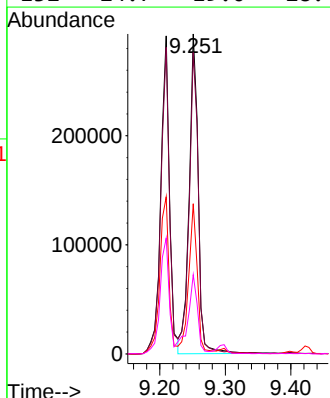
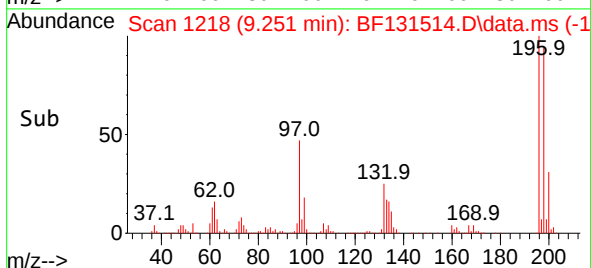
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

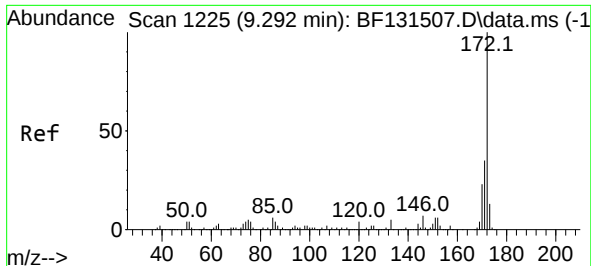


#44
2,4,5-Trichlorophenol
Concen: 45.414 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



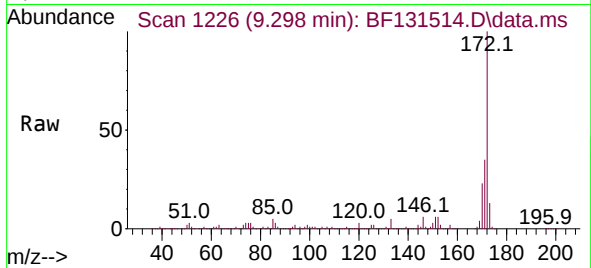
Tgt Ion:196 Resp: 284733
Ion Ratio Lower Upper
196 100
198 94.2 76.6 114.8
97 46.9 40.6 61.0
132 24.7 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 83.024 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

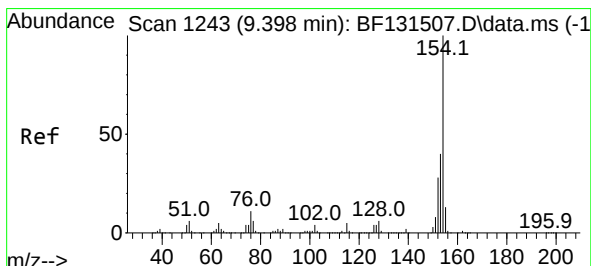
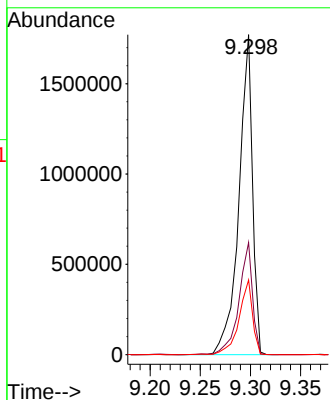
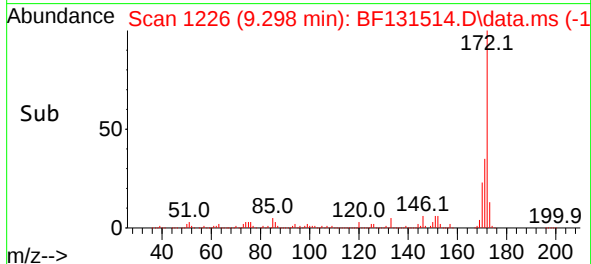
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion:172 Resp: 1665846
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.3 18.7 28.1

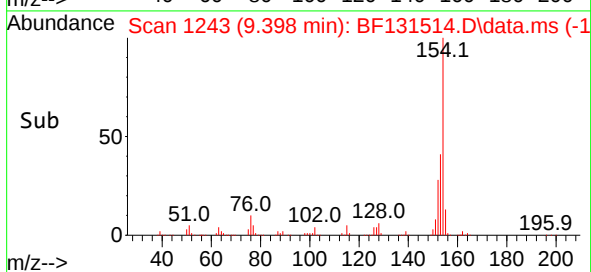
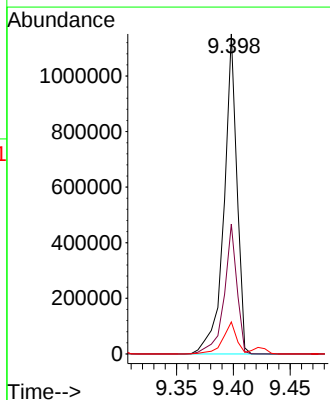
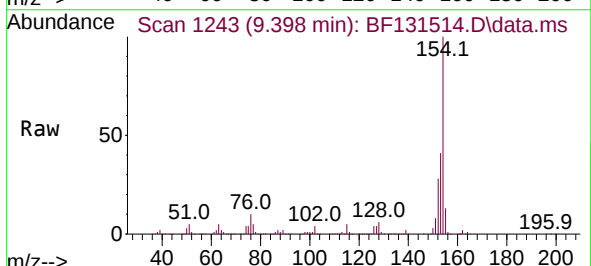
Manual Integrations
APPROVED

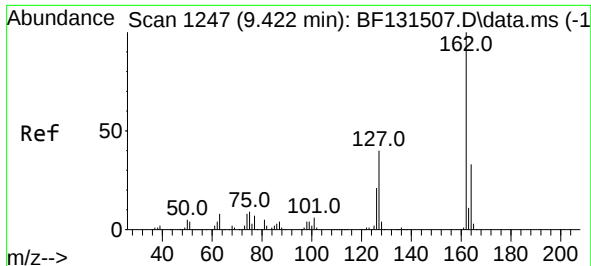
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#46
1,1'-Biphenyl
Concen: 43.629 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:154 Resp: 905552
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 10.0 0.0 30.9





#47

2-Chloronaphthalene

Concen: 42.875 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

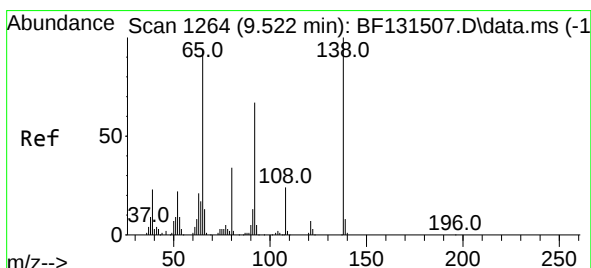
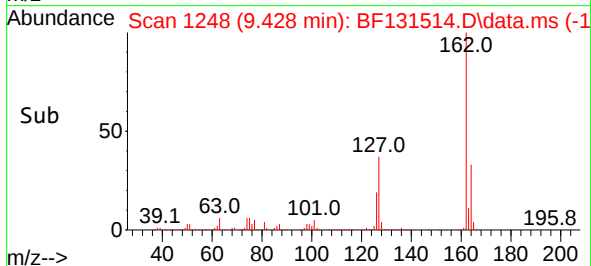
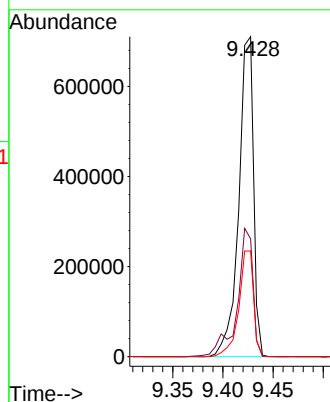
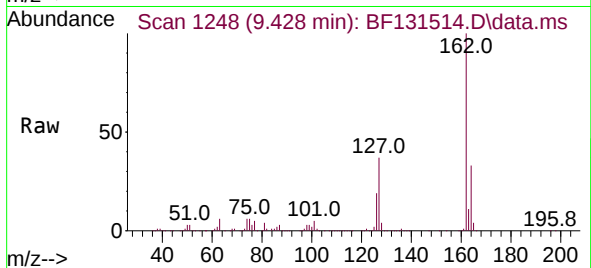
PB149409BSD

Tgt Ion:162 Resp: 726923
 Ion Ratio Lower Upper
 162 100
 127 36.8 32.6 48.8
 164 33.0 26.0 39.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022



#48

2-Nitroaniline

Concen: 36.413 ng

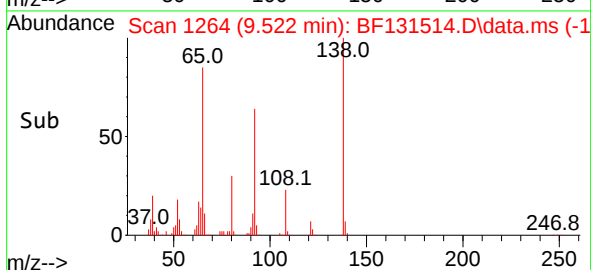
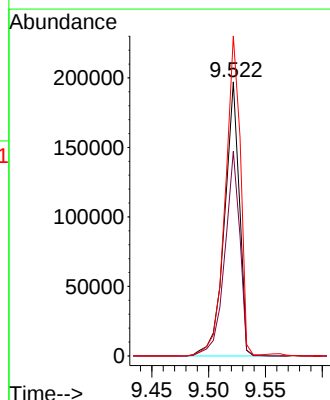
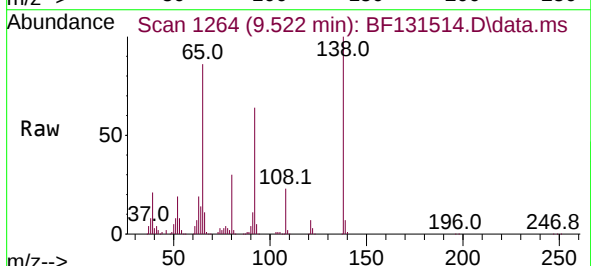
RT: 9.522 min Scan# 1264

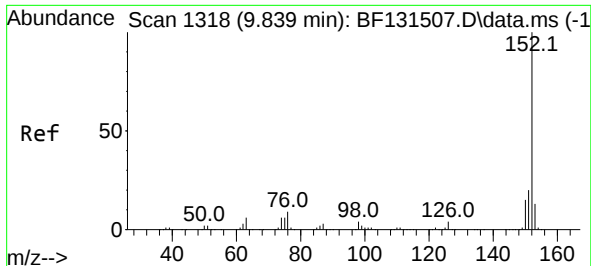
Delta R.T. -0.000 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion: 65 Resp: 178380
 Ion Ratio Lower Upper
 65 100
 92 74.7 57.4 86.0
 138 116.8 85.4 128.0





#49

Acenaphthylene

Concen: 42.898 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF131514.D

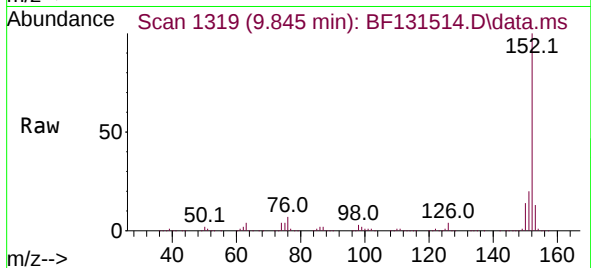
Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD



Tgt Ion:152 Resp: 1086448

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

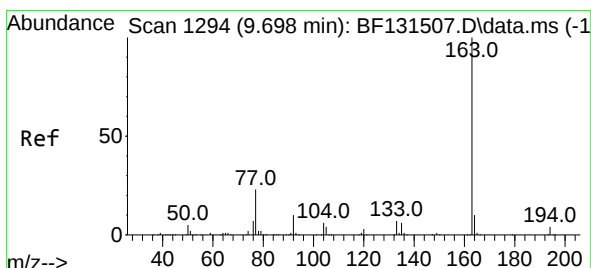
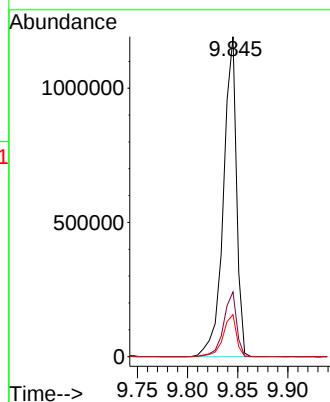
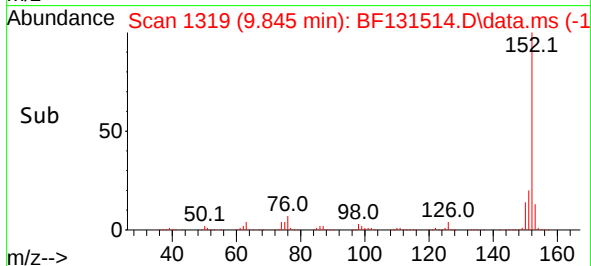
153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#50

Dimethylphthalate

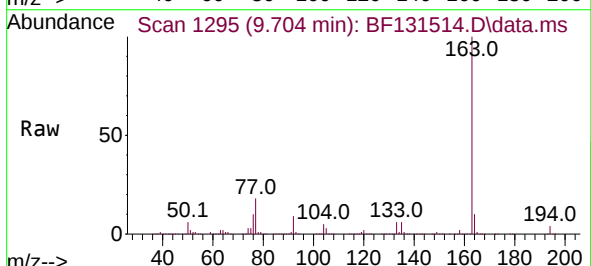
Concen: 42.946 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57



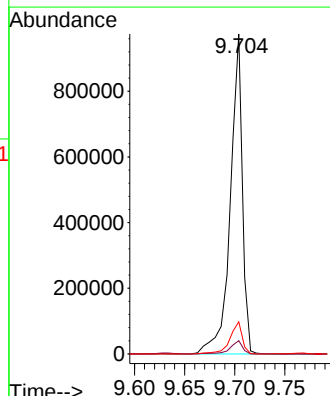
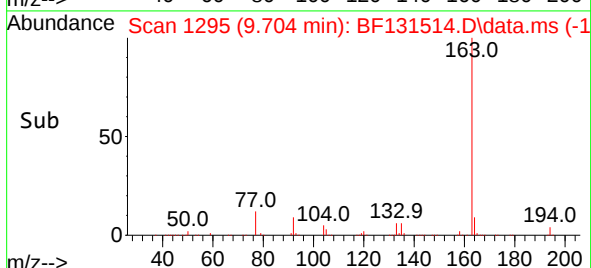
Tgt Ion:163 Resp: 817040

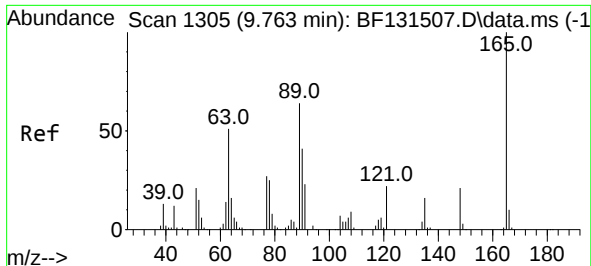
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.398 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

Tgt Ion:165 Resp: 18454

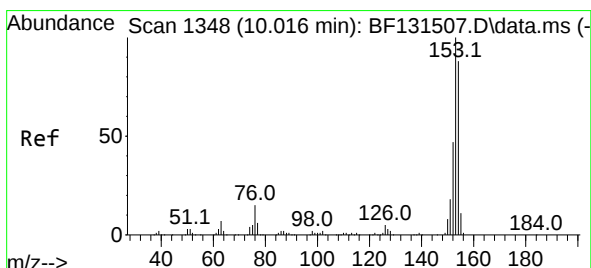
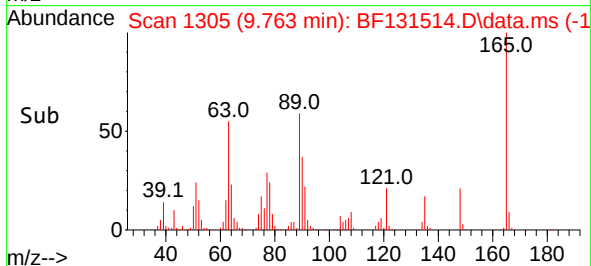
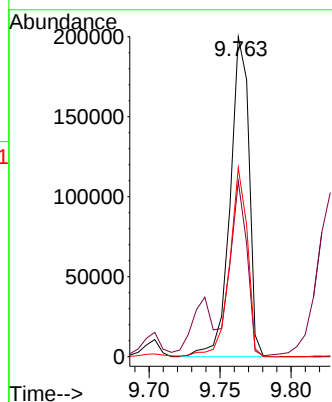
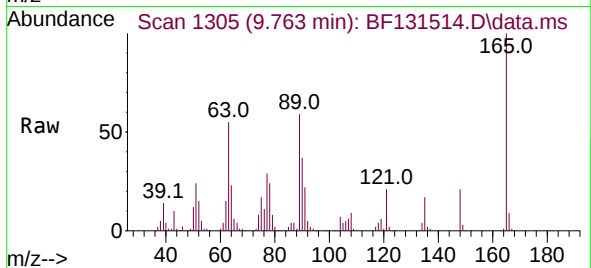
Ion	Ratio	Lower	Upper
165	100		
63	54.8	50.1	75.1
89	59.0	51.3	76.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#52

Acenaphthene

Concen: 48.848 ng m

RT: 10.016 min Scan# 1348

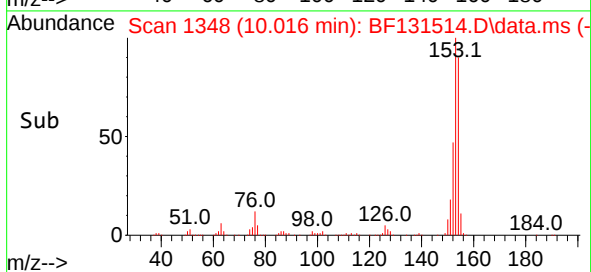
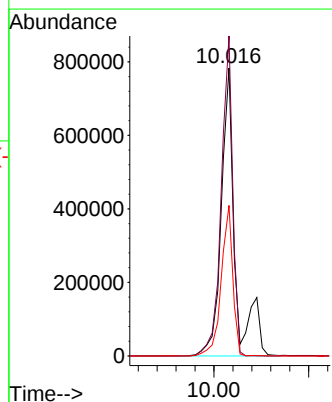
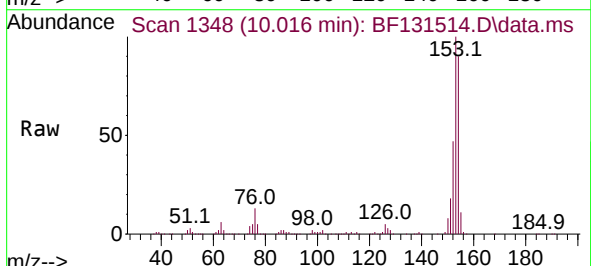
Delta R.T. 0.000 min

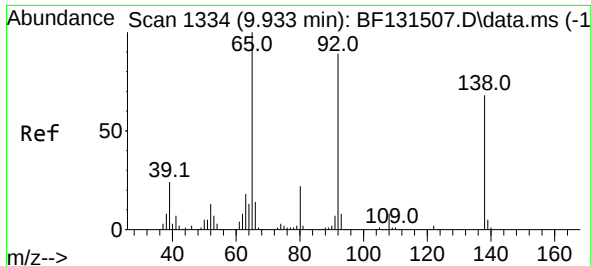
Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion:154 Resp: 802628

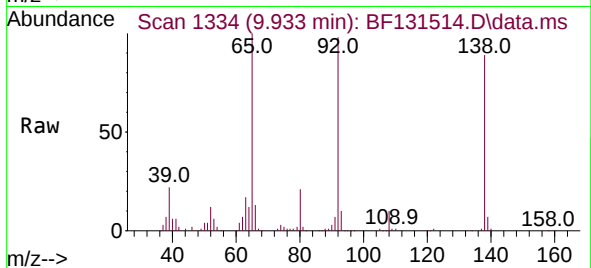
Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.9	136.3
152	52.3	43.1	64.7





#53
3-Nitroaniline
Concen: 17.765 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

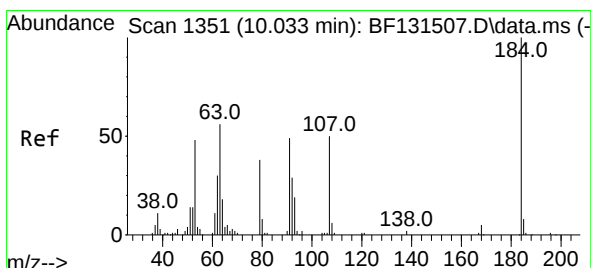
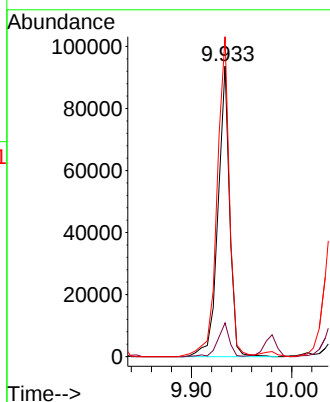
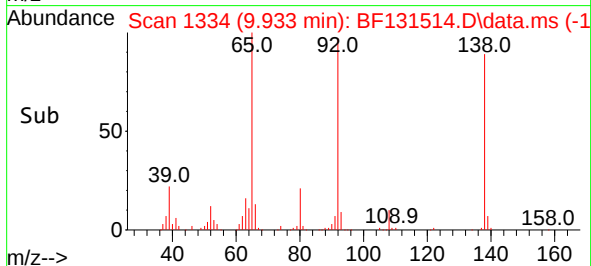
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



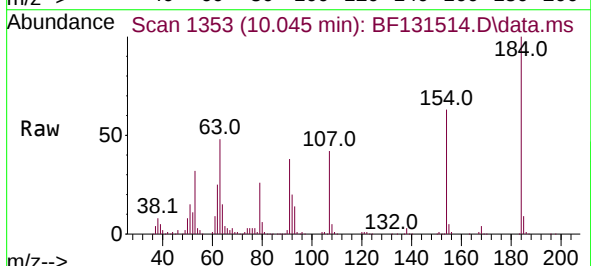
Tgt Ion:138 Resp: 75591
Ion Ratio Lower Upper
138 100
108 11.6 9.4 14.2
92 110.1 104.8 157.2

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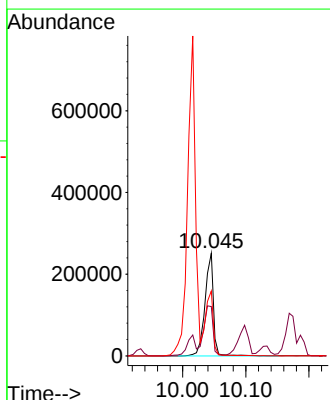
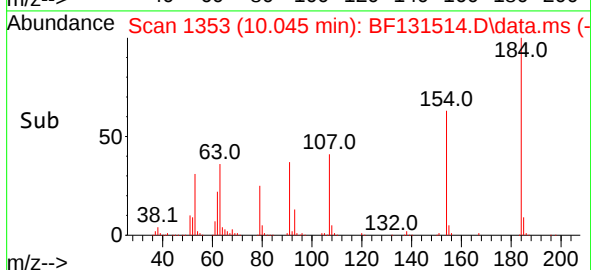
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

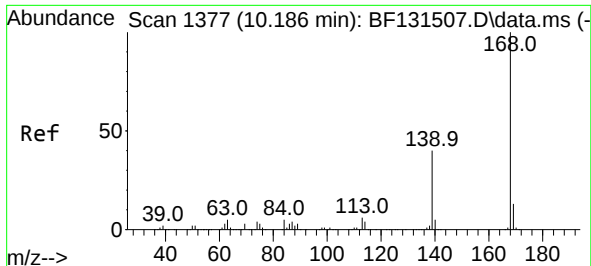


#54
2,4-Dinitrophenol
Concen: 113.627 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



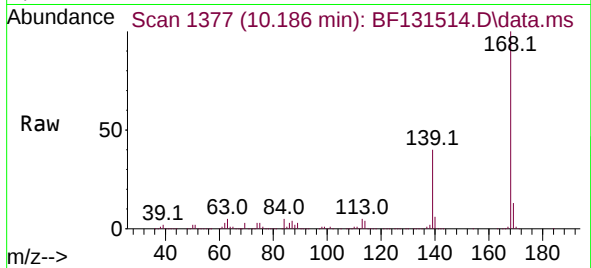
Tgt Ion:184 Resp: 231763
Ion Ratio Lower Upper
184 100
63 48.1 61.2 91.8#
154 63.2 53.1 79.7





#55
Dibenzofuran
Concen: 40.687 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

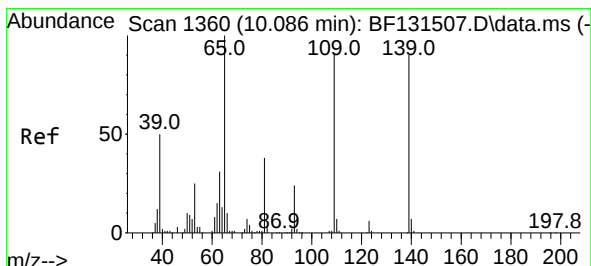
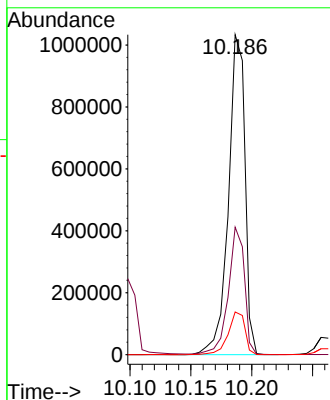
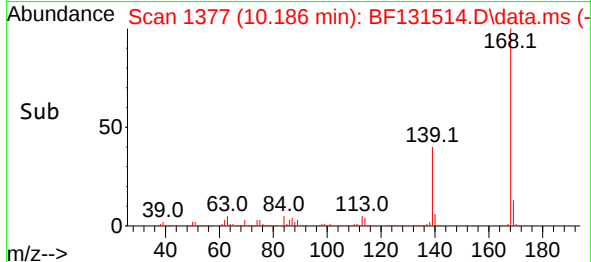
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion:168 Resp: 975968
Ion Ratio Lower Upper
168 100
139 39.8 31.8 47.8
169 13.3 10.6 15.8

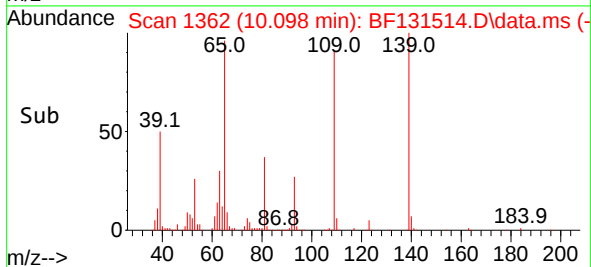
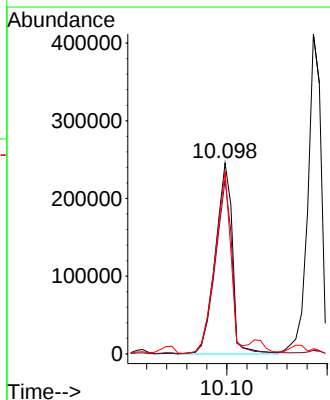
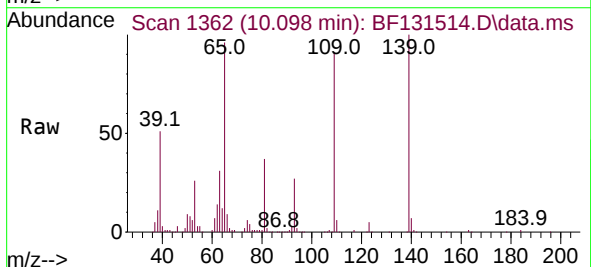
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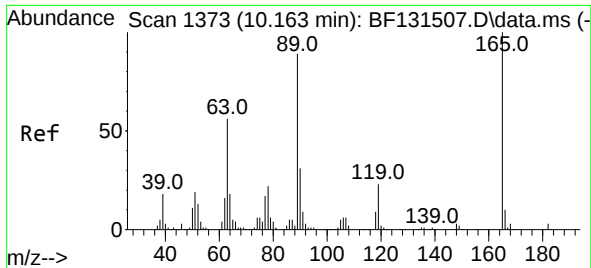
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#56
4-Nitrophenol
Concen: 97.727 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

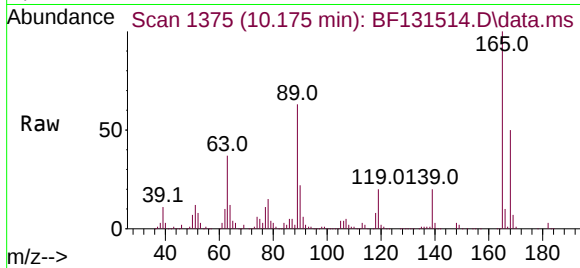
Tgt Ion:139 Resp: 290178
Ion Ratio Lower Upper
139 100
109 91.1 81.1 121.1
65 95.7 91.5 131.5





#57
2,4-Dinitrotoluene
Concen: 45.946 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

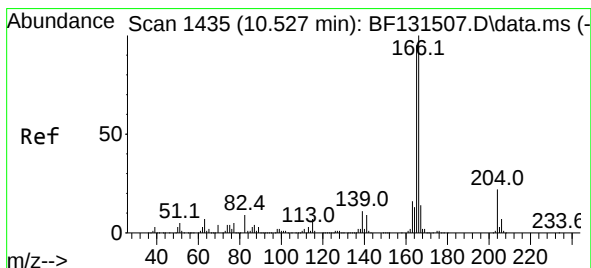
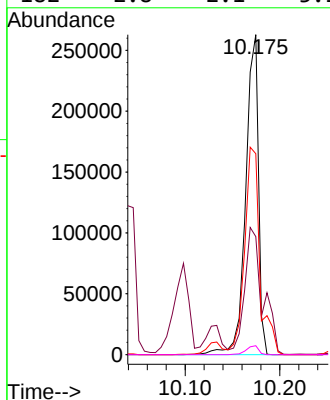
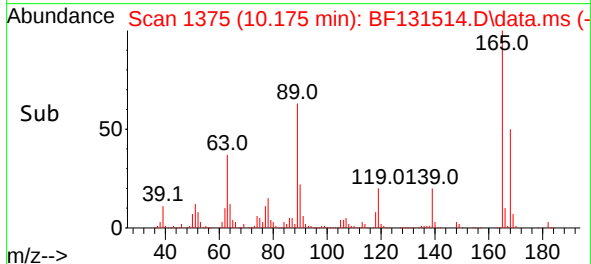
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



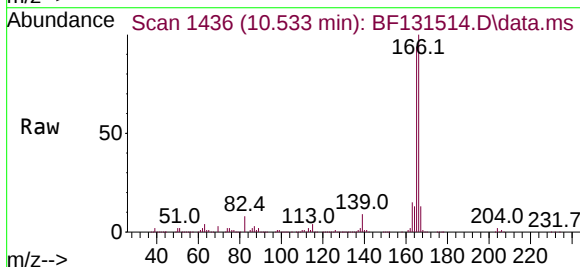
Tgt Ion:165 Resp: 245062
Ion Ratio Lower Upper
165 100
63 36.9 45.3 67.9
89 62.8 71.0 106.4
182 2.8 2.1 3.1

Manual Integrations
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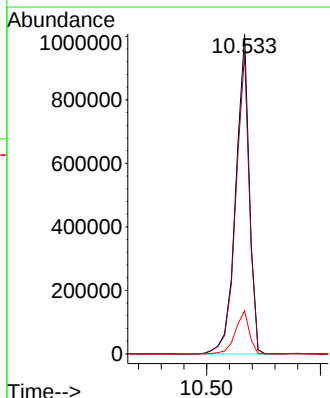
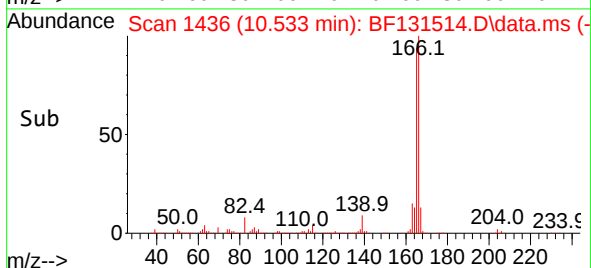
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

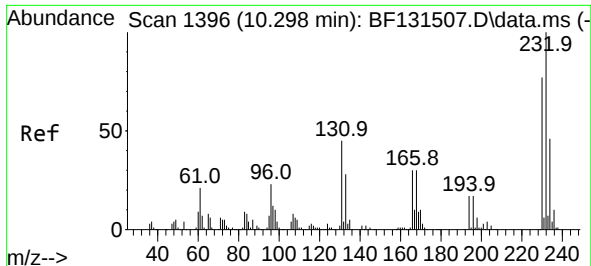


#58
Fluorene
Concen: 42.159 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



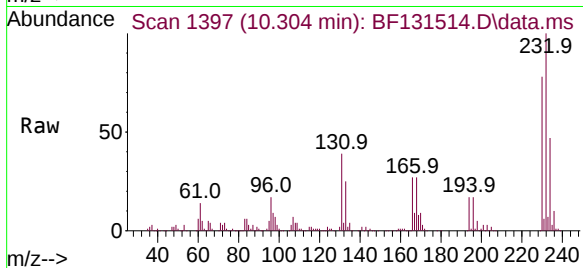
Tgt Ion:166 Resp: 834515
Ion Ratio Lower Upper
166 100
165 94.0 75.7 113.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.112 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

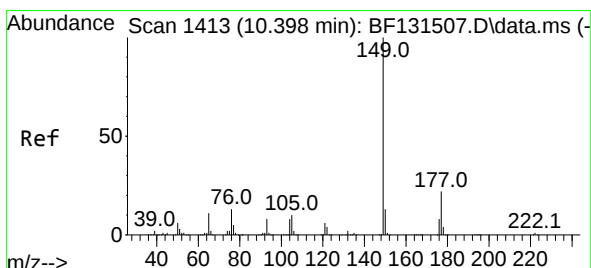
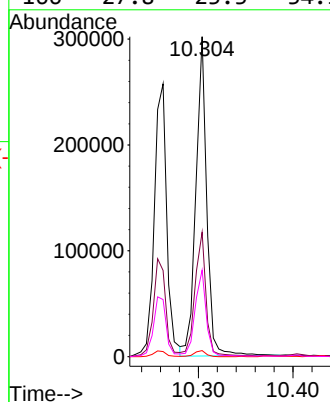
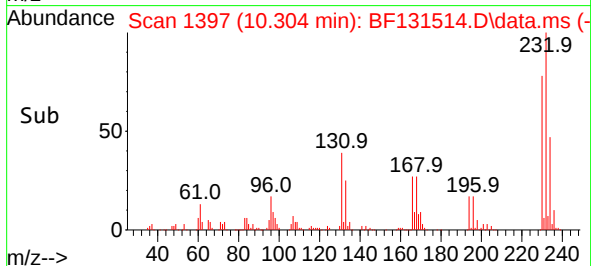
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion:232 Resp: 239919
Ion Ratio Lower Upper
232 100
131 40.2 34.8 52.2
130 2.0 1.8 2.6
166 27.8 23.3 34.9

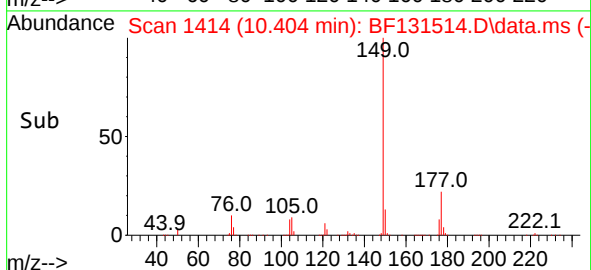
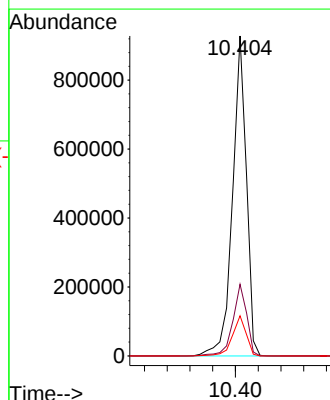
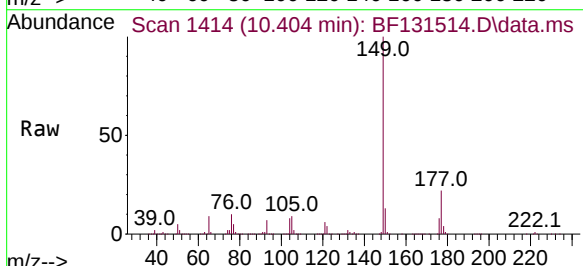
Manual Integrations
APPROVED

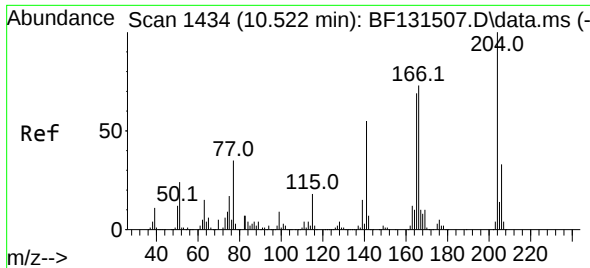
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#60
Diethylphthalate
Concen: 41.866 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

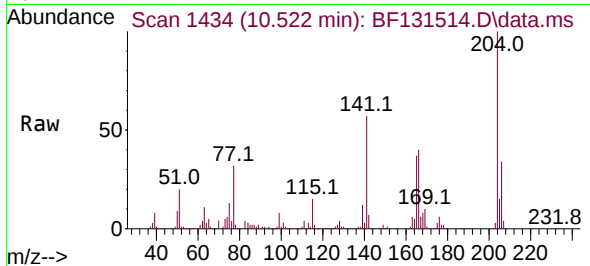
Tgt Ion:149 Resp: 785317
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.613 ng
RT: 10.522 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

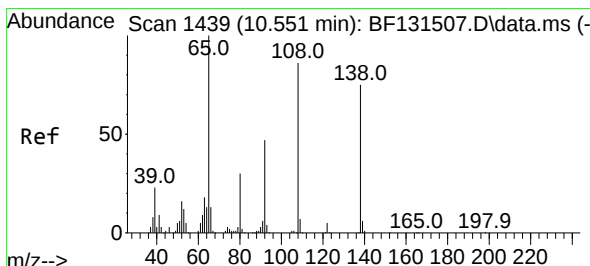
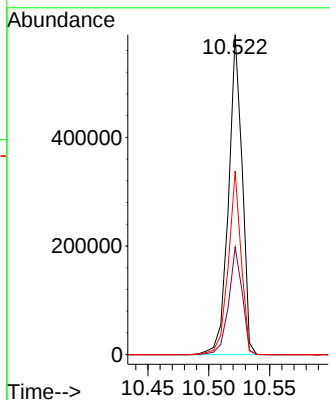
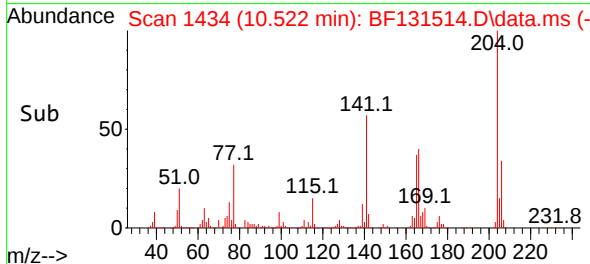
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



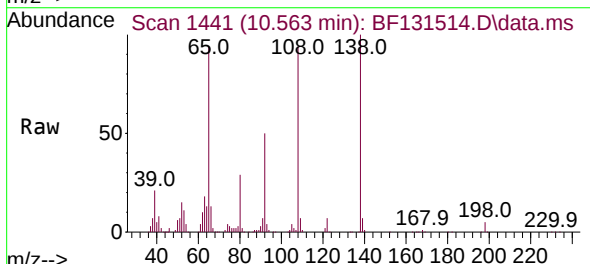
Tgt Ion:204 Resp: 456812
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 57.3 44.4 66.6

Manual Integrations
APPROVED

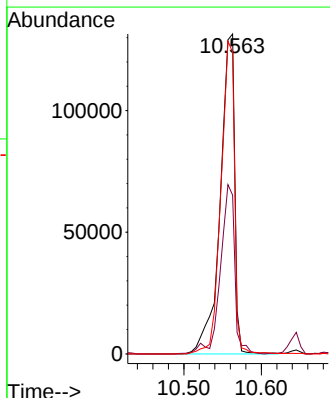
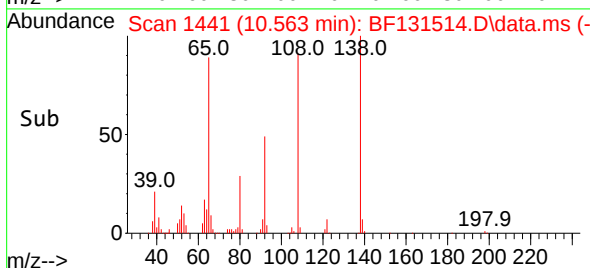
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

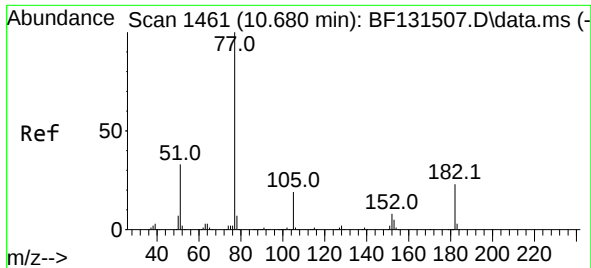


#62
4-Nitroaniline
Concen: 40.324 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.012 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



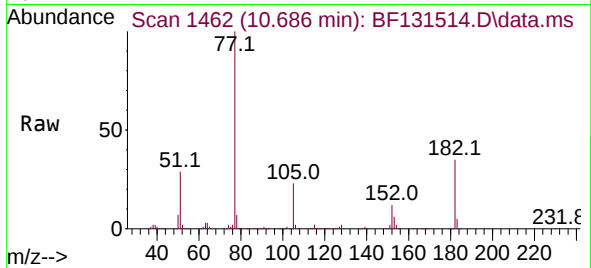
Tgt Ion:138 Resp: 171072
Ion Ratio Lower Upper
138 100
92 49.6 42.7 82.7
108 94.3 95.0 135.0#





#63
Azobenzene
Concen: 36.800 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

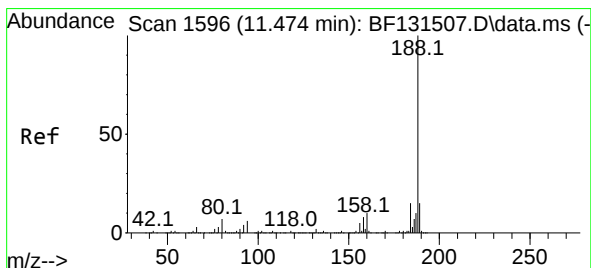
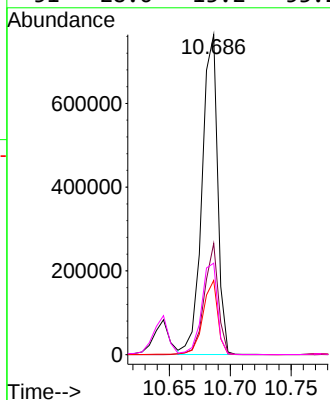
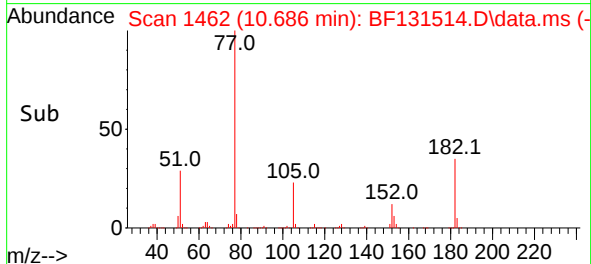
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion: 77 Resp: 680678
Ion Ratio Lower Upper
77 100
182 34.7 2.6 42.6
105 23.2 0.0 39.1
51 28.6 13.2 53.2

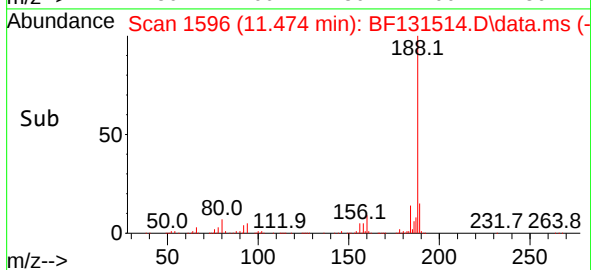
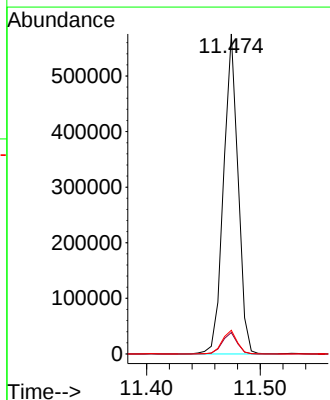
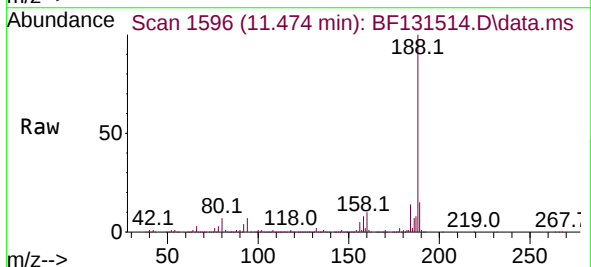
Manual Integrations
APPROVED

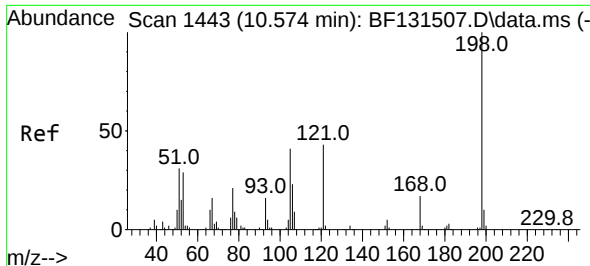
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

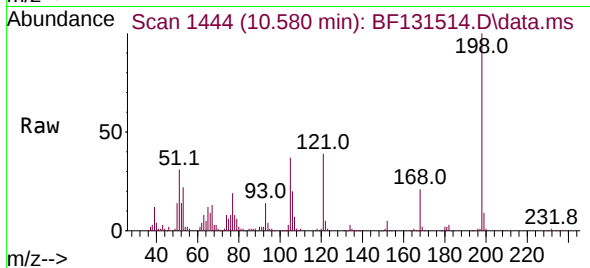
Tgt Ion:188 Resp: 509054
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.4 5.9 8.9





#65
4,6-Dinitro-2-methylphenol
Concen: 50.924 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

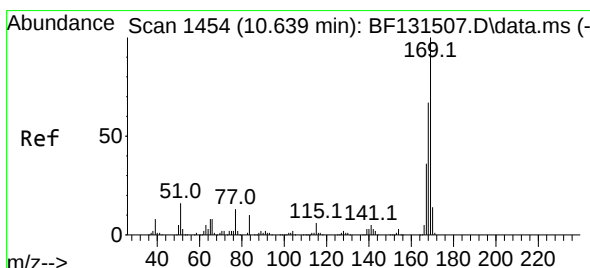
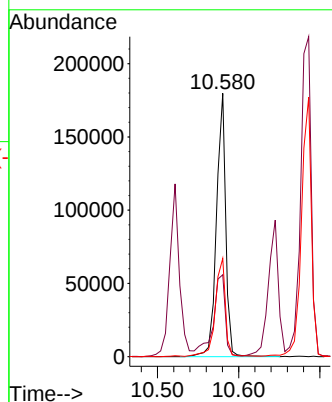
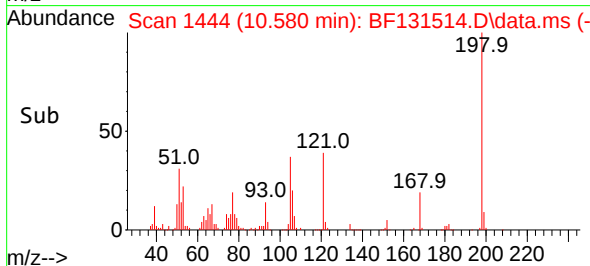
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



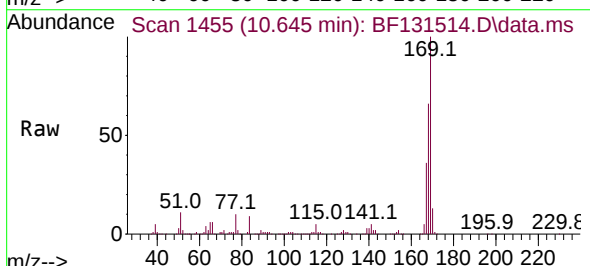
Tgt Ion:198 Resp: 142241
Ion Ratio Lower Upper
198 100
51 31.1 19.7 59.7
105 37.3 21.9 61.9

Manual Integrations
APPROVED

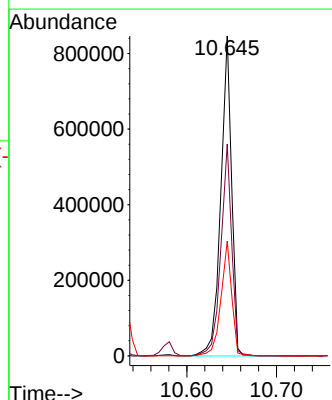
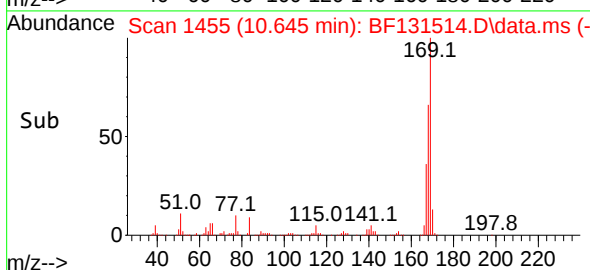
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

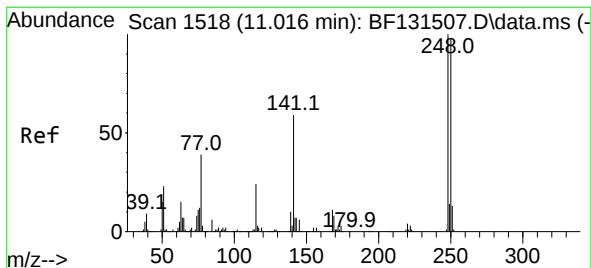


#66
n-Nitrosodiphenylamine
Concen: 44.851 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



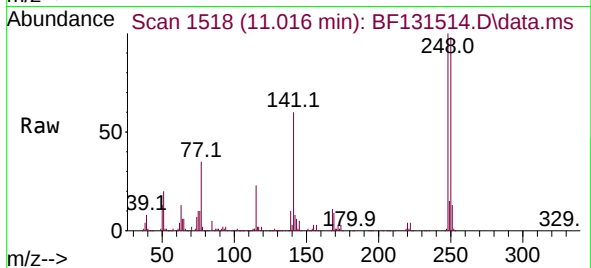
Tgt Ion:169 Resp: 716563
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 35.9 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 44.870 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

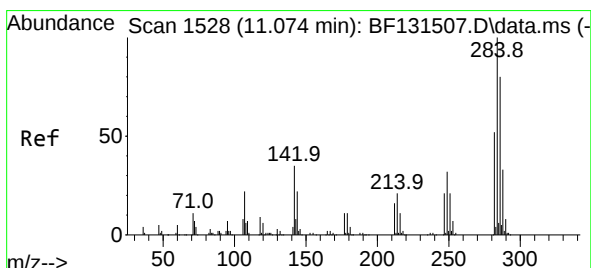
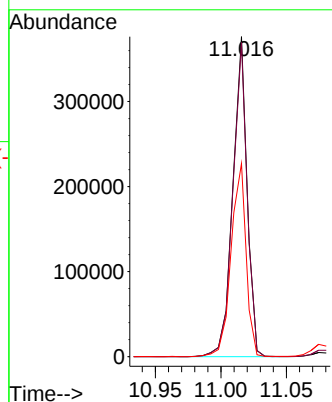
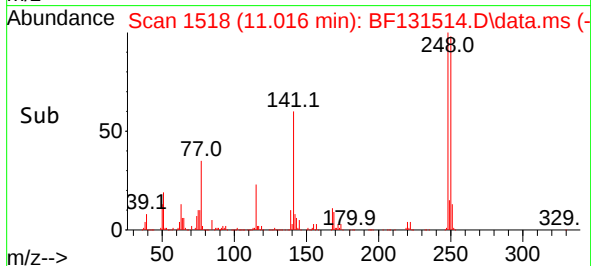
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



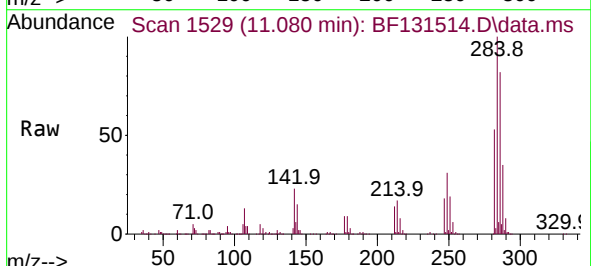
Tgt Ion:248 Resp: 285772
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 60.3 47.1 70.7

Manual Integrations
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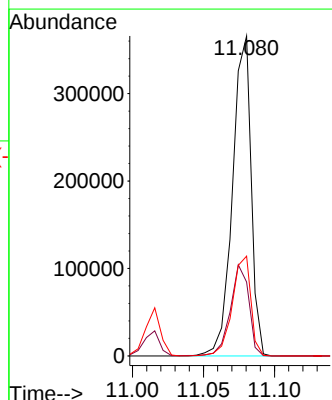
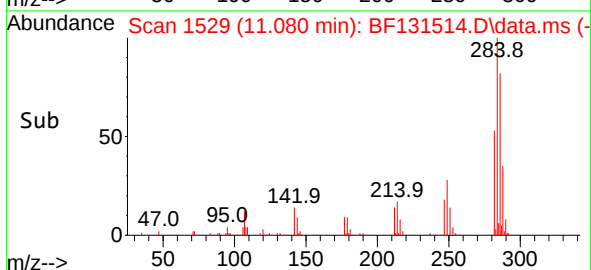
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

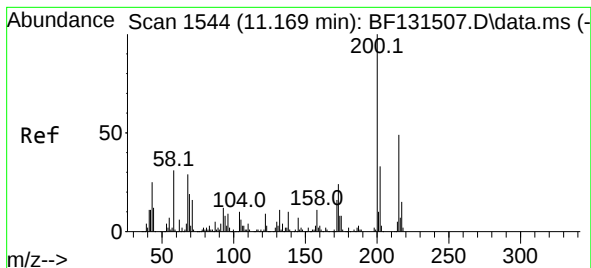


#68
Hexachlorobenzene
Concen: 47.205 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



Tgt Ion:284 Resp: 333191
Ion Ratio Lower Upper
284 100
142 23.1 28.2 42.4#
249 31.2 25.8 38.8





#69

Atrazine

Concen: 37.972 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF131514.D

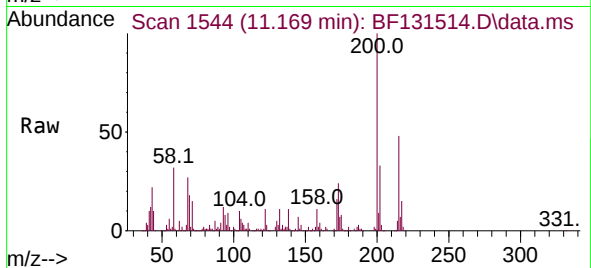
Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

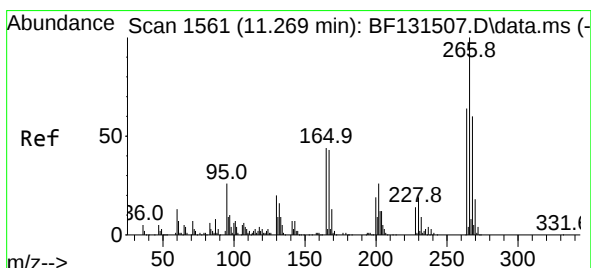
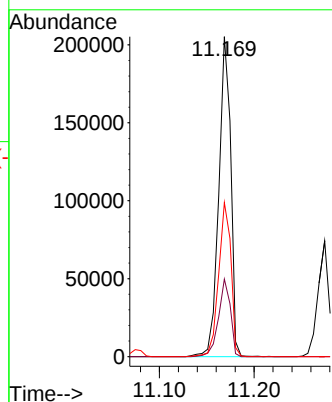
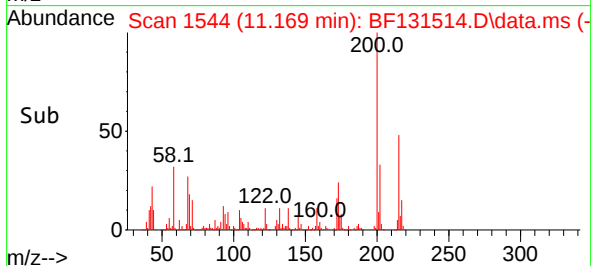


Tgt Ion:200	Resp:	179385
Ion Ratio	Lower	Upper
200	100	
173	24.2	4.4 44.4
215	48.1	29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#70

Pentachlorophenol

Concen: 103.419 ng

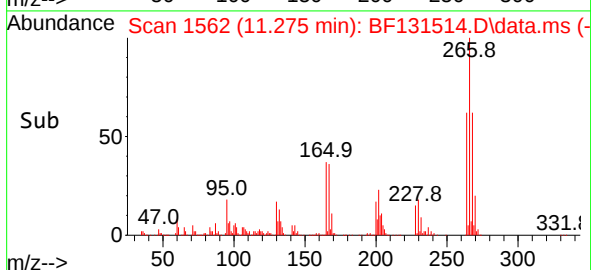
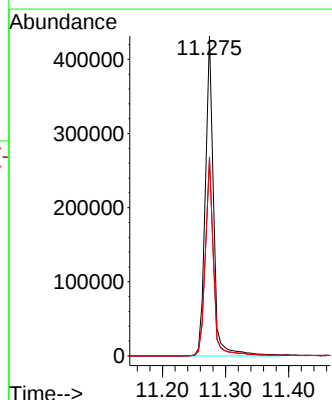
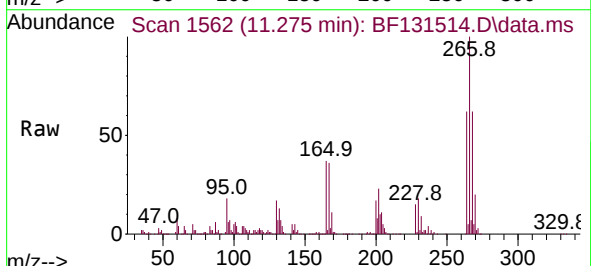
RT: 11.275 min Scan# 1562

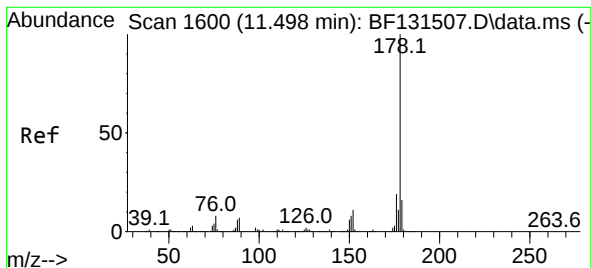
Delta R.T. 0.005 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion:266	Resp:	390859
Ion Ratio	Lower	Upper
266	100	
268	62.0	48.0 72.0
264	61.7	51.4 77.0





#71

Phenanthrene

Concen: 44.297 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

Tgt Ion:178 Resp: 1253013

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

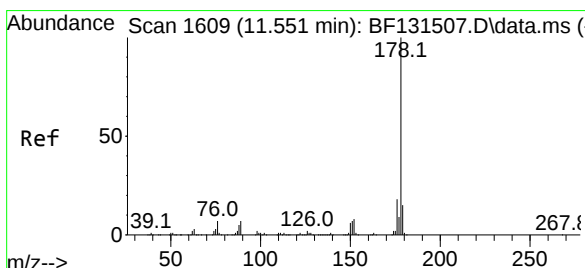
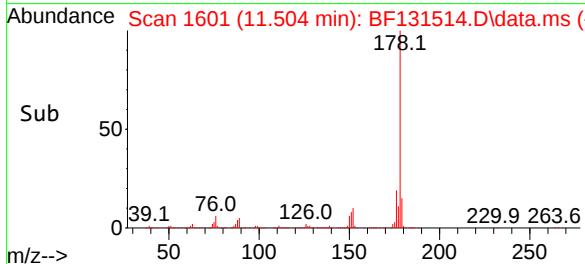
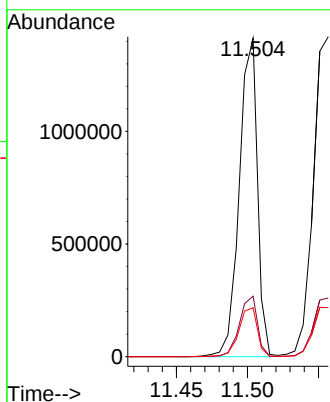
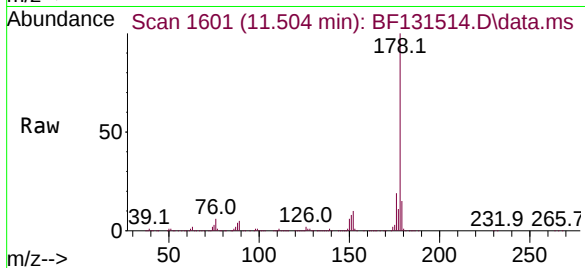
179 15.3 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#72

Anthracene

Concen: 47.662 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

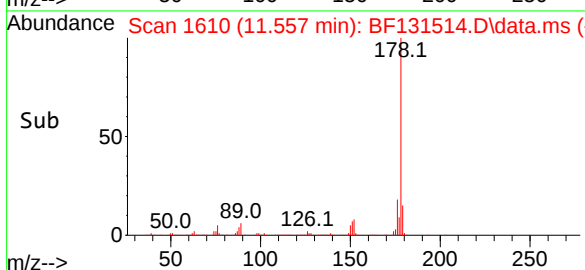
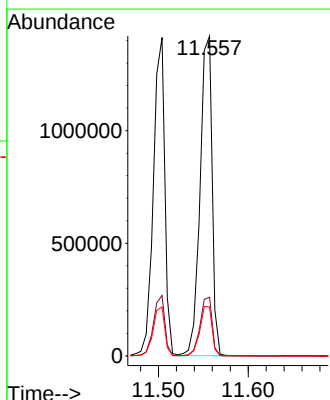
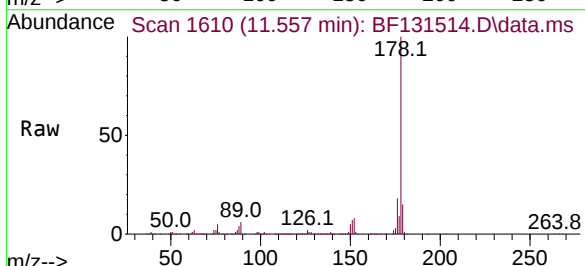
Tgt Ion:178 Resp: 1325476

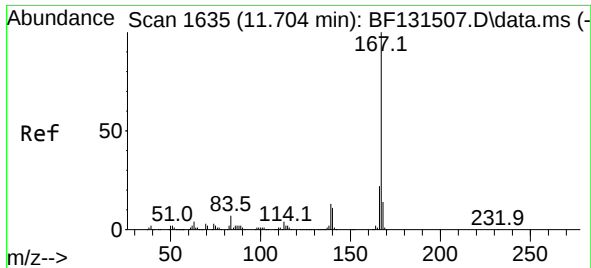
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

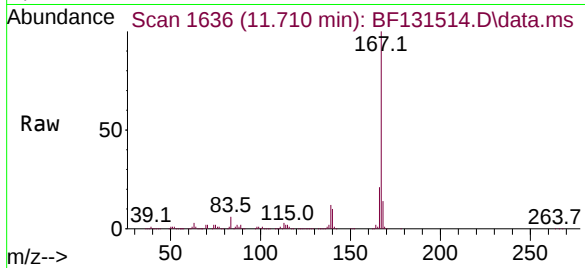
179 15.3 12.3 18.5





#73
Carbazole
Concen: 44.818 ng
RT: 11.710 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

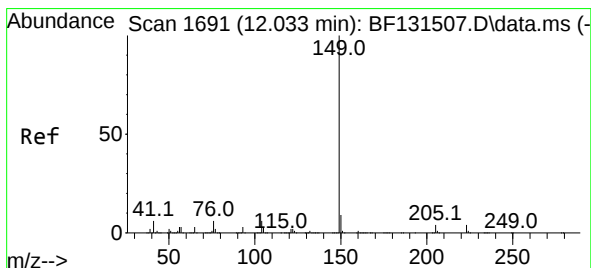
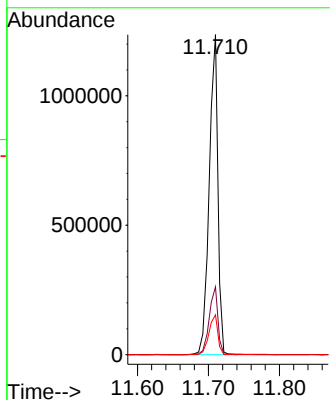
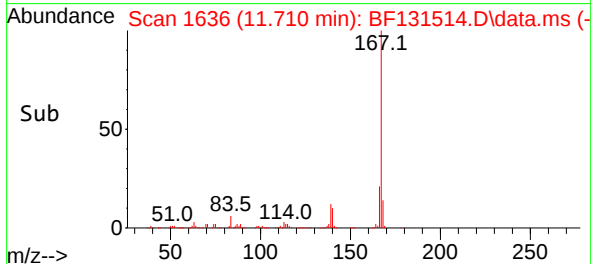
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



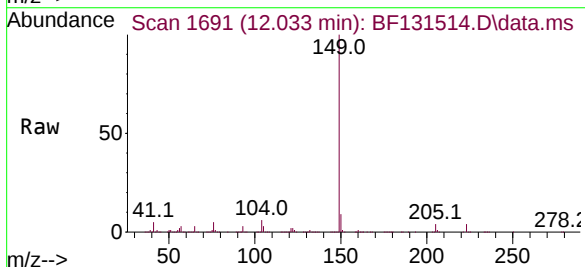
Tgt Ion:167 Resp: 1049240
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.2
139 12.4 10.6 15.8

Manual Integrations
APPROVED

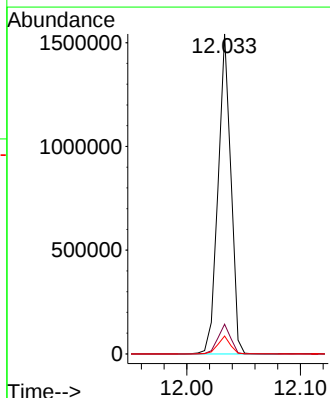
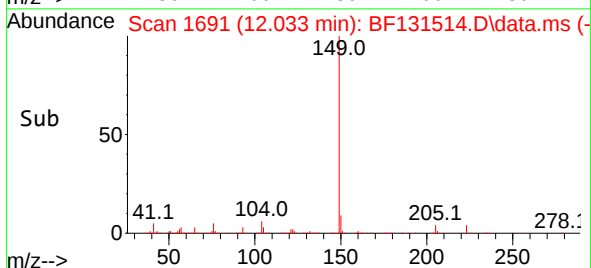
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

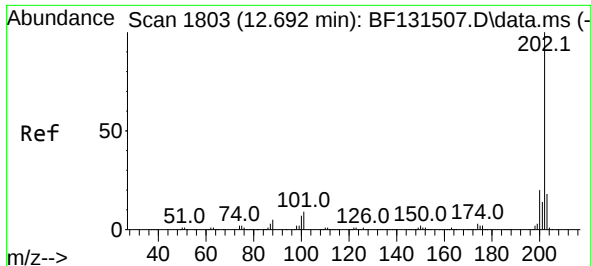


#74
Di-n-butylphthalate
Concen: 46.009 ng
RT: 12.033 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



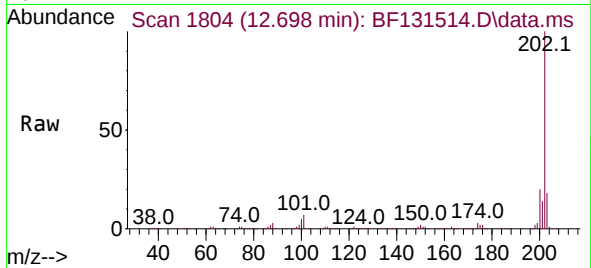
Tgt Ion:149 Resp: 1202602
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.6 4.7 7.1





#75
Fluoranthene
Concen: 42.324 ng
RT: 12.698 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

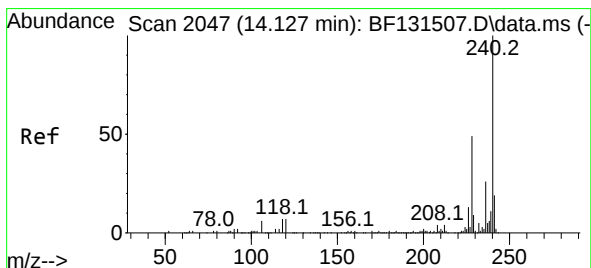
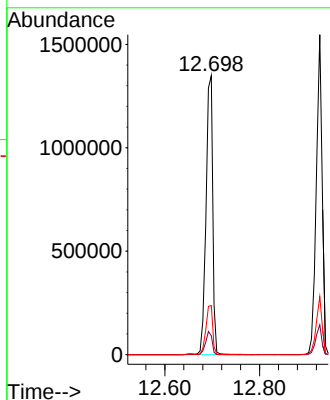
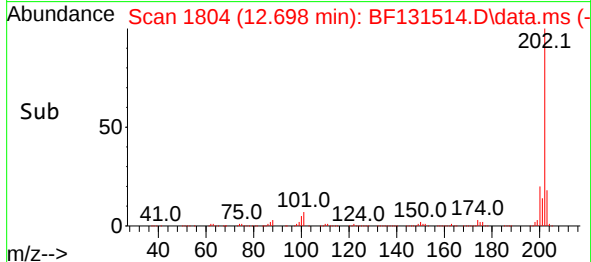
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



Tgt Ion:202 Resp: 1317593
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.5
203 17.6 0.0 37.6

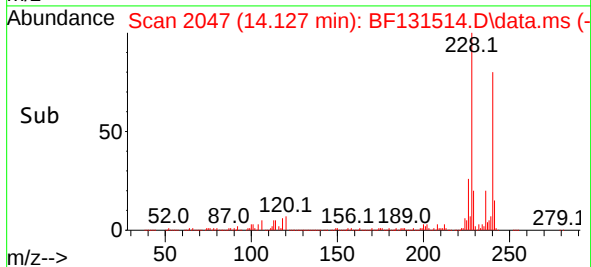
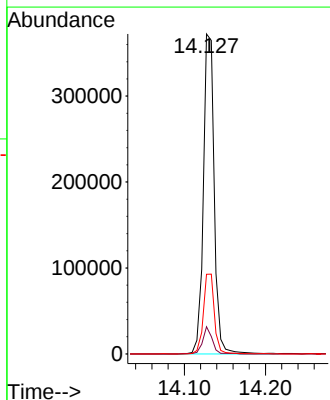
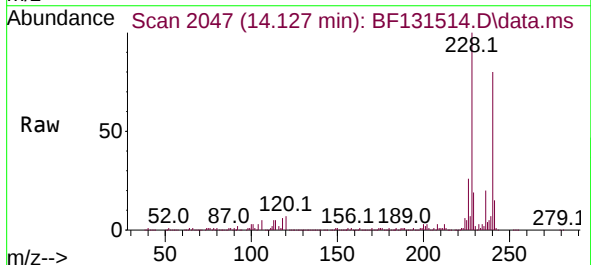
Manual Integrations
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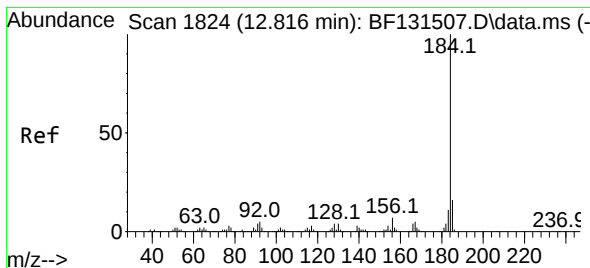
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

Tgt Ion:240 Resp: 347416
Ion Ratio Lower Upper
240 100
120 8.5 5.6 8.4#
236 24.9 20.6 31.0





#77

Benzidine

Concen: 20.236 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

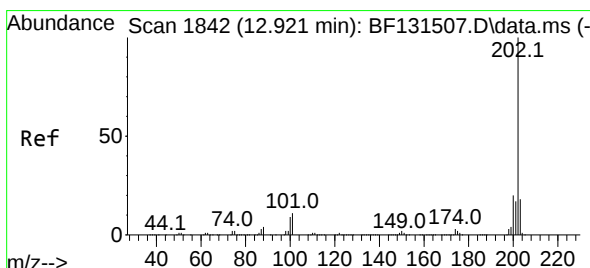
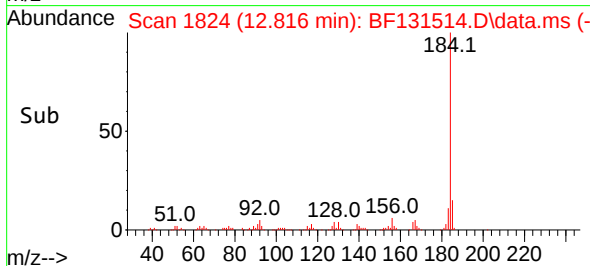
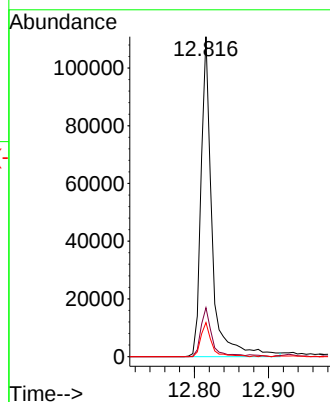
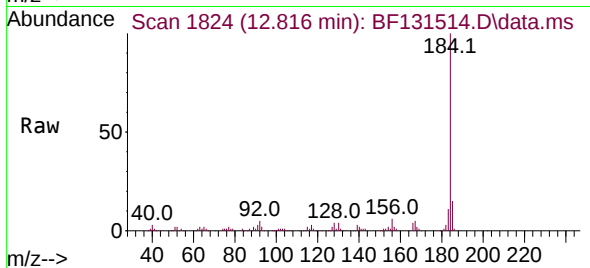
Tgt Ion:184 Resp: 114753

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	19.0
183	10.6	9.0	13.4

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Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#78

Pyrene

Concen: 43.005 ng

RT: 12.927 min Scan# 1843

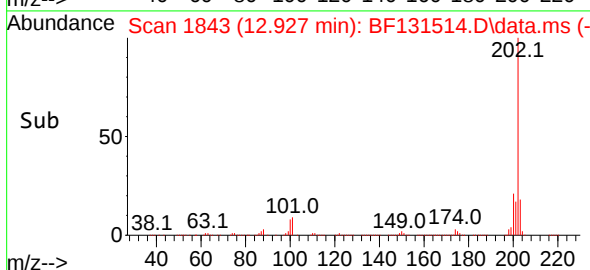
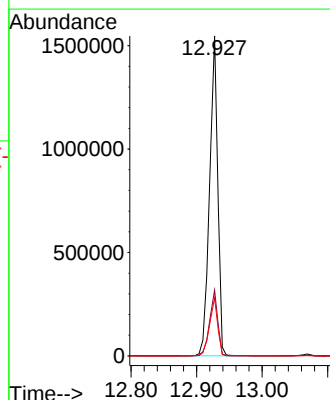
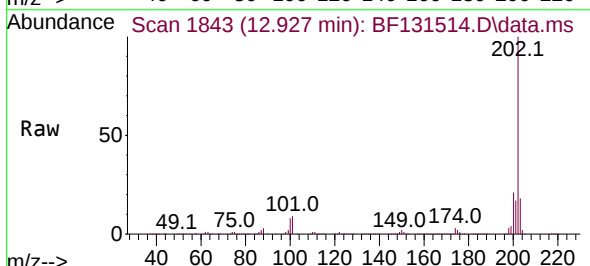
Delta R.T. 0.006 min

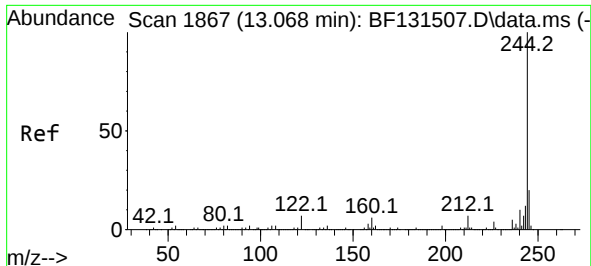
Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion:202 Resp: 1338185

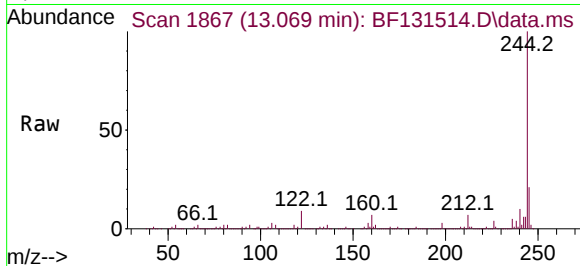
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	18.1	14.2	21.4





#79
 Terphenyl-d14
 Concen: 97.423 ng
 RT: 13.069 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF131514.D
 Acq: 05 Dec 2022 22:57

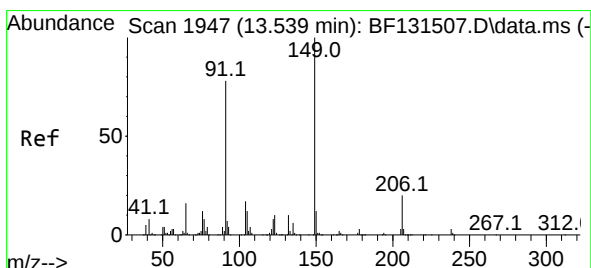
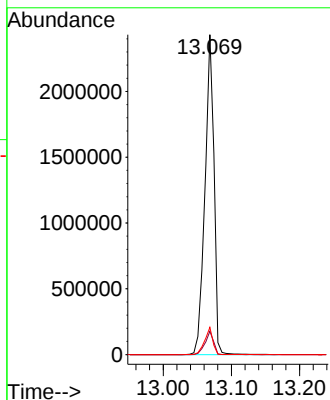
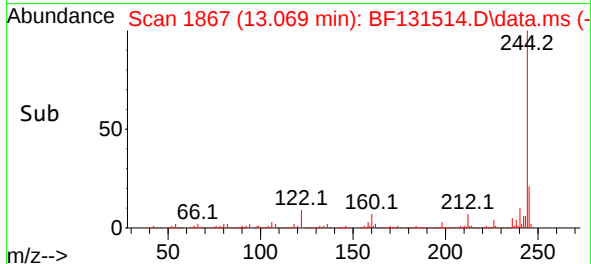
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BSD



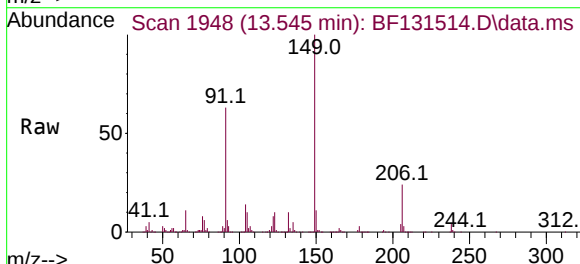
Tgt Ion:244 Resp: 2241238
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.5 5.4 8.2

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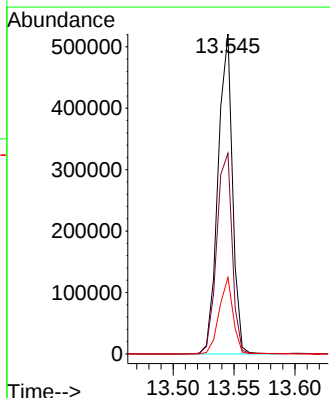
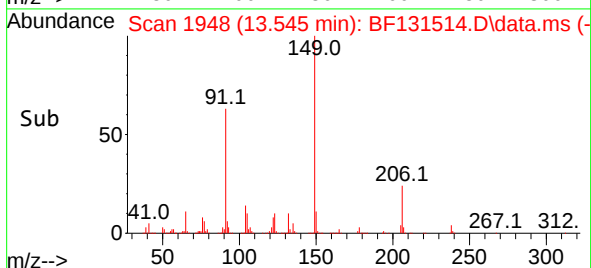
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022

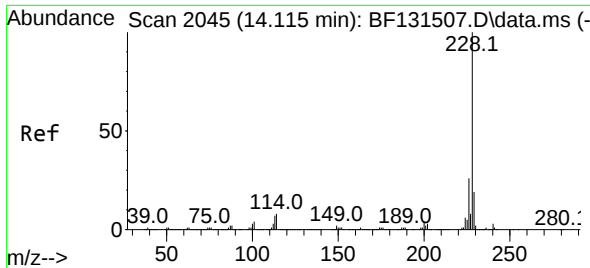


#80
 Butylbenzylphthalate
 Concen: 51.264 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. 0.006 min
 Lab File: BF131514.D
 Acq: 05 Dec 2022 22:57



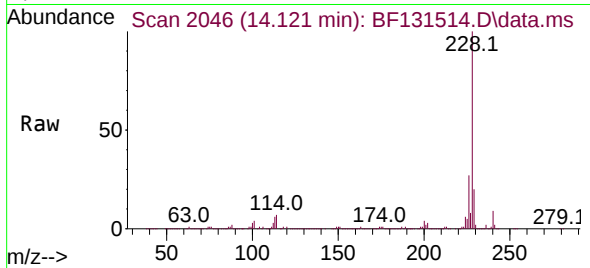
Tgt Ion:149 Resp: 430286
 Ion Ratio Lower Upper
 149 100
 91 62.7 62.5 93.7
 206 23.9 16.1 24.1





#81
Benzo(a)anthracene
Concen: 46.200 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

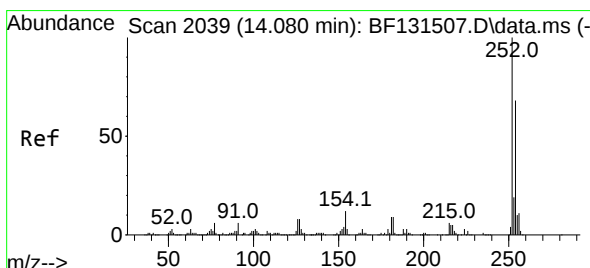
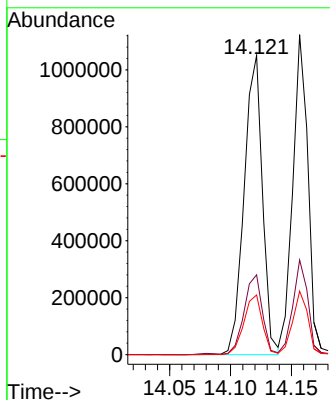
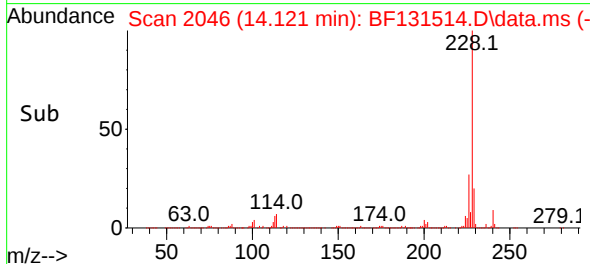
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



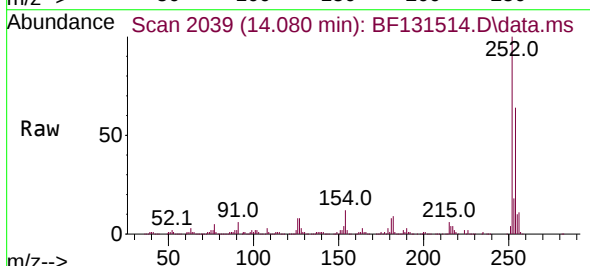
Tgt Ion:228 Resp: 1096117
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.9 15.5 23.3

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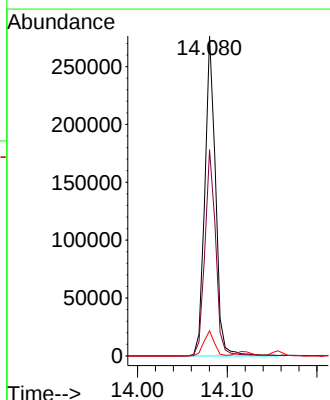
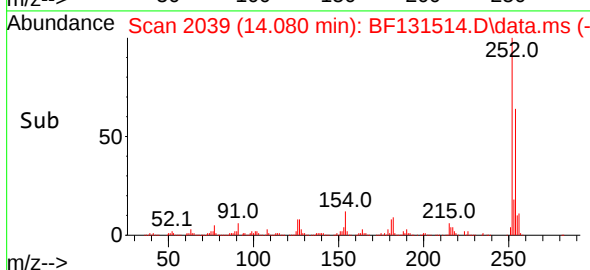
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

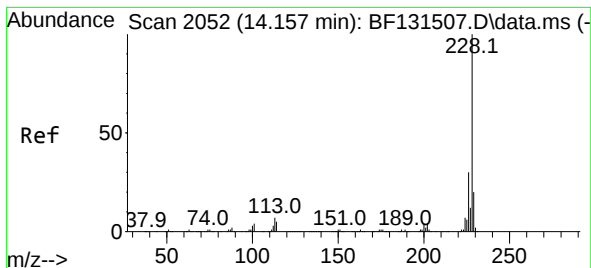


#82
3,3'-Dichlorobenzidine
Concen: 35.697 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



Tgt Ion:252 Resp: 229354
Ion Ratio Lower Upper
252 100
254 64.4 54.3 81.5
126 7.8 6.3 9.5





#83

Chrysene

Concen: 43.580 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF131514.D

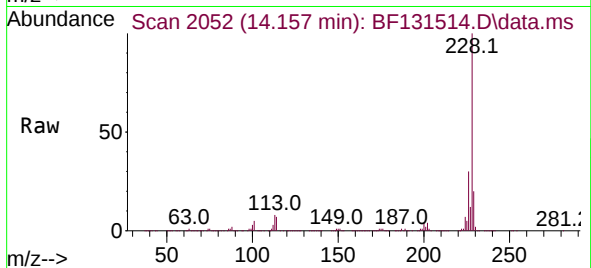
Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD



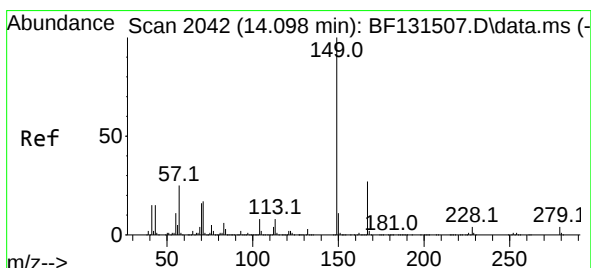
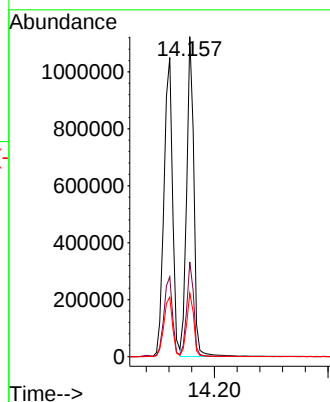
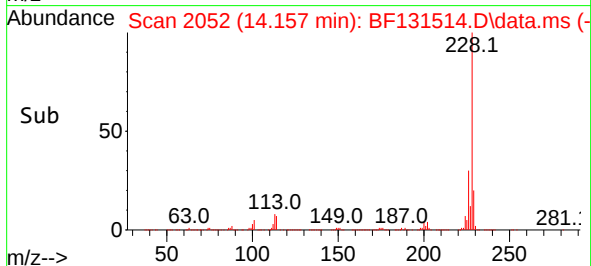
Tgt Ion:228 Resp: 994007

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.8	15.9	23.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.786 ng

RT: 14.098 min Scan# 2042

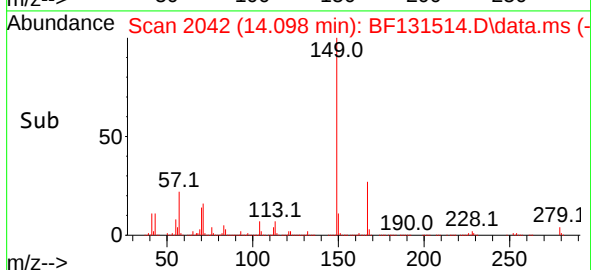
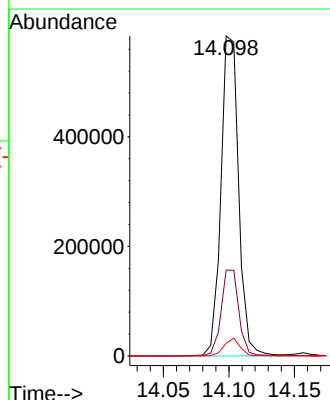
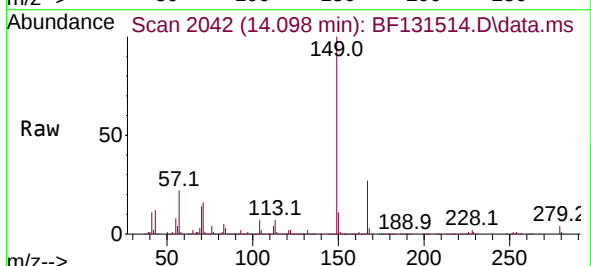
Delta R.T. -0.000 min

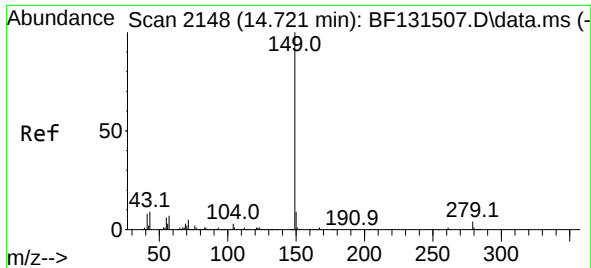
Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Tgt Ion:149 Resp: 551407

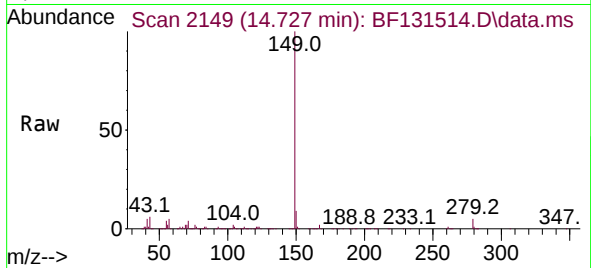
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.9	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 48.144 ng
RT: 14.727 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

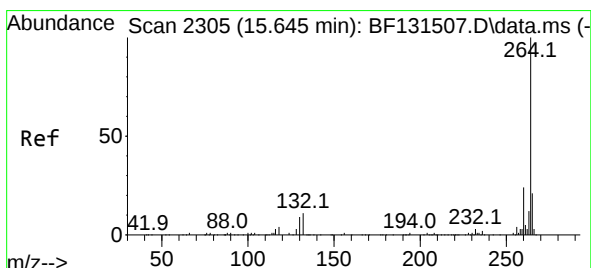
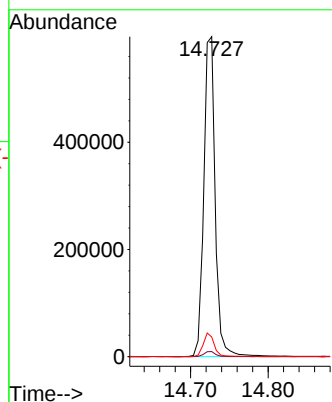
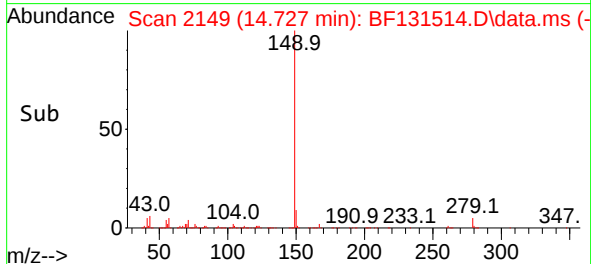
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



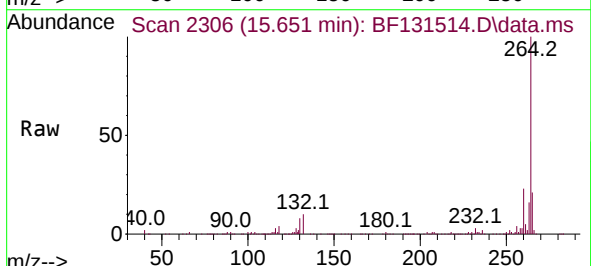
Tgt Ion:149 Resp: 609476
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 7.4 11.0

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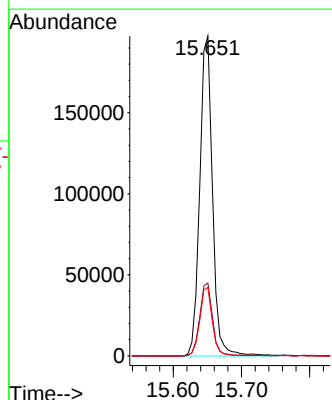
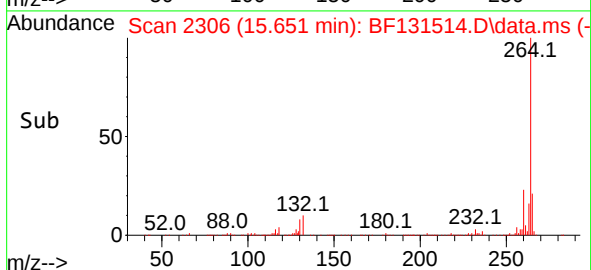
Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

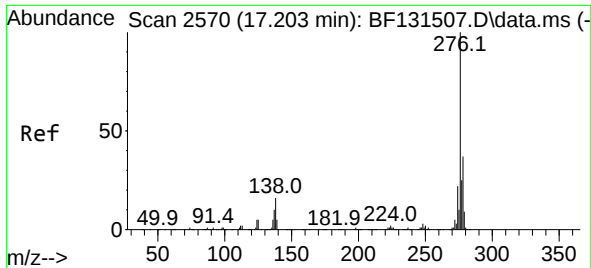


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



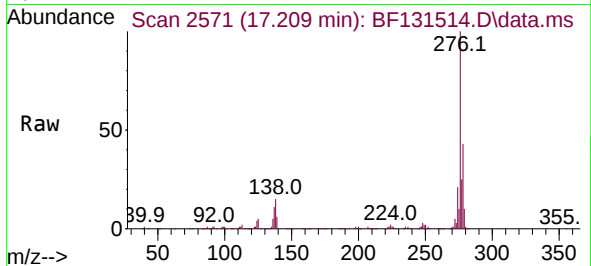
Tgt Ion:264 Resp: 257018
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 21.4 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.452 ng
 RT: 17.209 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131514.D
 Acq: 05 Dec 2022 22:57

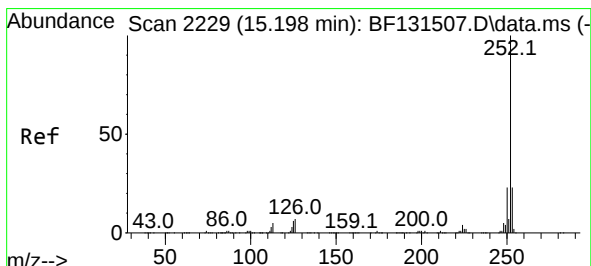
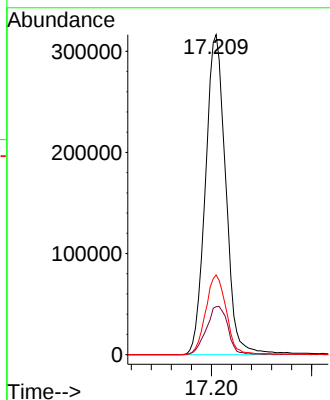
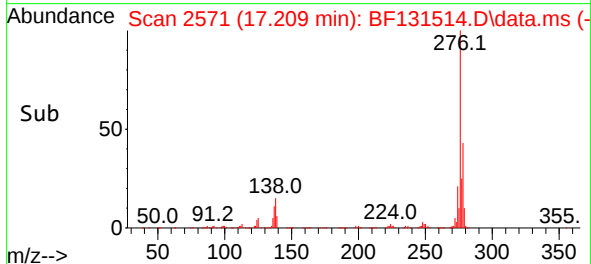
Instrument :
 BNA_F
 ClientSampleId :
 PB149409BSD



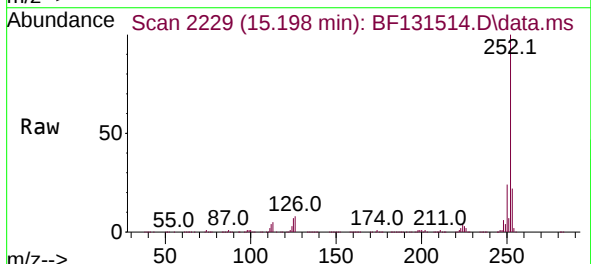
Tgt Ion:276 Resp: 884906
 Ion Ratio Lower Upper
 276 100
 138 16.1 13.2 19.8
 277 25.3 19.6 29.4

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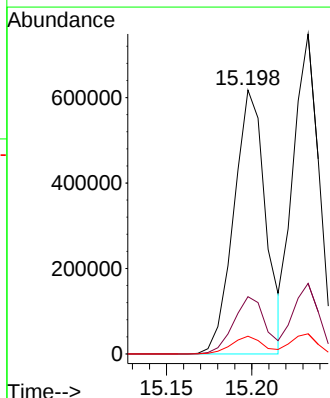
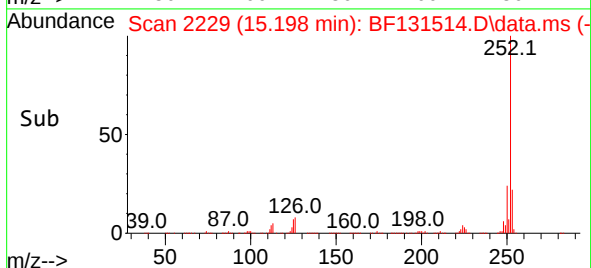
Reviewed By :Christian Giraldo 12/06/2022
 Supervised By :Jagrut Upadhyay 12/06/2022

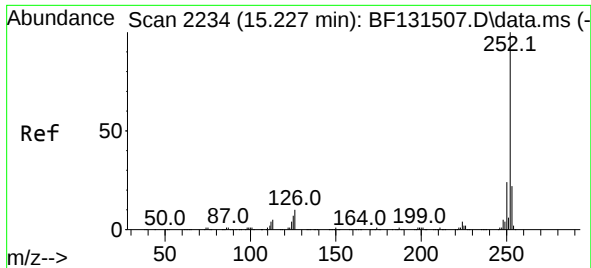


#88
 Benzo(b)fluoranthene
 Concen: 48.016 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF131514.D
 Acq: 05 Dec 2022 22:57



Tgt Ion:252 Resp: 801646
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.0 27.0
 125 6.7 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 44.873 ng

RT: 15.233 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

Instrument :

BNA_F

ClientSampleId :

PB149409BSD

Tgt Ion:252 Resp: 813248

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

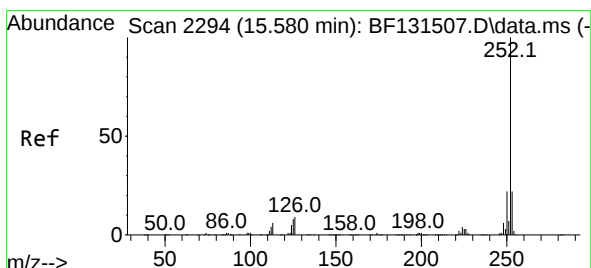
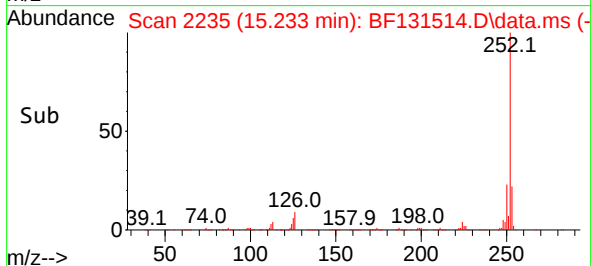
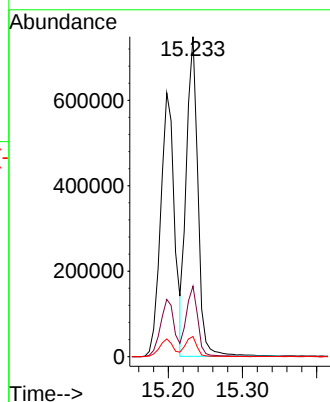
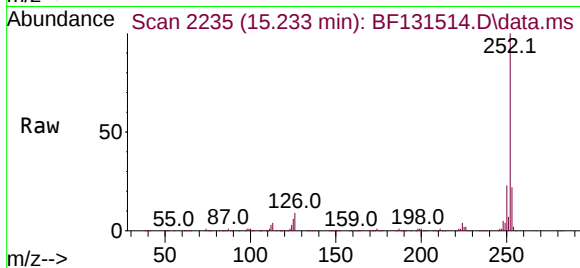
125 6.3 5.3 7.9

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#90

Benzo(a)pyrene

Concen: 51.111 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.006 min

Lab File: BF131514.D

Acq: 05 Dec 2022 22:57

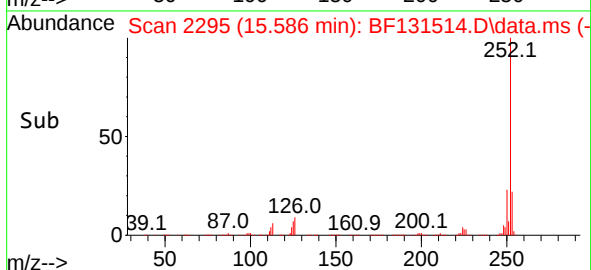
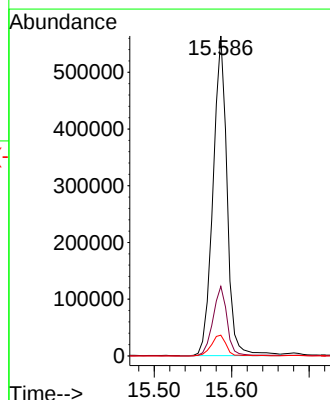
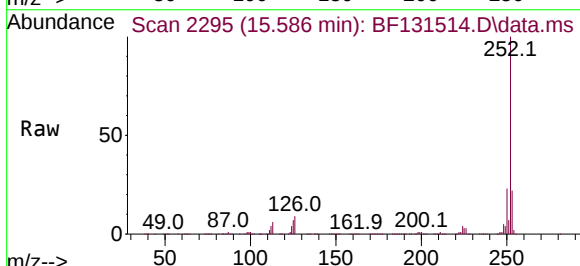
Tgt Ion:252 Resp: 708140

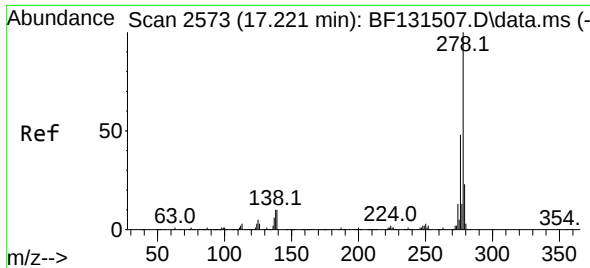
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

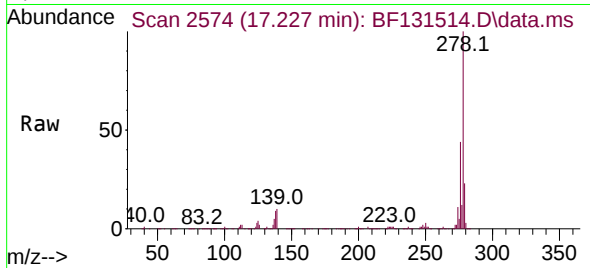
125 6.5 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.479 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57

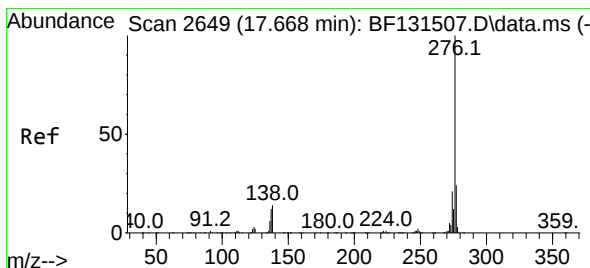
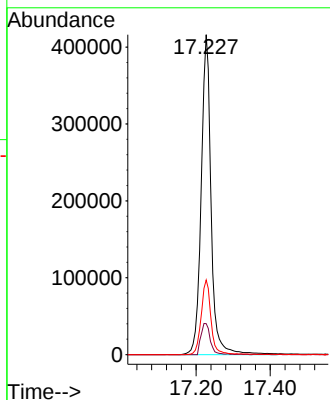
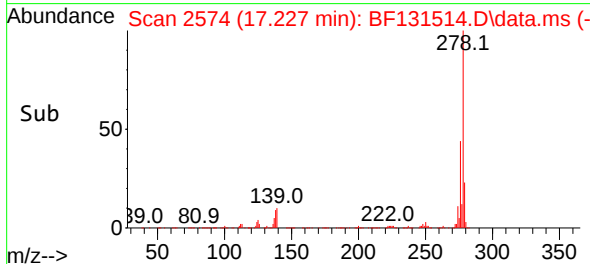
Instrument :
BNA_F
ClientSampleId :
PB149409BSD



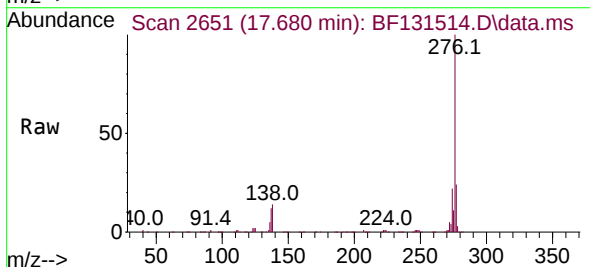
Tgt Ion:278 Resp: 773433
Ion Ratio Lower Upper
278 100
139 9.7 8.4 12.6
279 23.3 18.8 28.2

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Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022



#92
Benzo(g,h,i)perylene
Concen: 47.727 ng
RT: 17.680 min Scan# 2651
Delta R.T. 0.012 min
Lab File: BF131514.D
Acq: 05 Dec 2022 22:57



Tgt Ion:276 Resp: 716327
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 14.2 11.7 17.5

