

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131264.D
 Acq On : 16 Nov 2022 14:33
 Operator : CG\JU
 Sample : PB149098BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149098BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/17/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:14:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	107422	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	390245	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	220287	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	392768	20.000	ng	0.00
76) Chrysene-d12	14.192	240	259821	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	189522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	552697	91.107	ng	0.02
7) Phenol-d6	6.592	99	691371	89.980	ng	0.00
23) Nitrobenzene-d5	7.545	82	676743	97.337	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	190487	90.527	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1225602	81.419	ng	0.00
79) Terphenyl-d14	13.127	244	1381067	91.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	97051	34.919	ng	97
3) Pyridine	3.628	79	266254	33.893	ng	98
4) n-Nitrosodimethylamine	3.604	42	196648	42.947	ng	97
6) Aniline	6.639	93	363669m	37.734	ng	
8) 2-Chlorophenol	6.757	128	302326	44.334	ng	97
9) Benzaldehyde	6.528	77	190339	34.150	ng	98
10) Phenol	6.604	94	363505	42.290	ng	97
11) bis(2-Chloroethyl)ether	6.710	93	283914	42.185	ng	98
12) 1,3-Dichlorobenzene	6.916	146	317495	41.153	ng	99
13) 1,4-Dichlorobenzene	6.992	146	320109	41.027	ng	99
14) 1,2-Dichlorobenzene	7.145	146	313130	43.422	ng	99
15) Benzyl Alcohol	7.116	79	282346	42.304	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	540201	42.614	ng	100
17) 2-Methylphenol	7.222	107	244960	42.076	ng	98
18) Hexachloroethane	7.492	117	120265	42.400	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	221781	41.423	ng	99
20) 3+4-Methylphenols	7.375	107	306178	40.658	ng	92
22) Acetophenone	7.386	105	426815	41.958	ng	99
24) Nitrobenzene	7.563	77	337231	44.931	ng	100
25) Isophorone	7.804	82	613296	44.155	ng	100
26) 2-Nitrophenol	7.880	139	139799	46.617	ng	99
27) 2,4-Dimethylphenol	7.910	122	275450	48.450	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	345999	44.183	ng	100
29) 2,4-Dichlorophenol	8.116	162	257030	41.806	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	287165	39.837	ng	99
31) Naphthalene	8.292	128	835565	39.520	ng	99
32) Benzoic acid	8.028	122	187592	45.976	ng	95
33) 4-Chloroaniline	8.333	127	197752	23.760	ng	97
34) Hexachlorobutadiene	8.404	225	186554	40.890	ng	98
35) Caprolactam	8.710	113	79361m	43.679	ng	
36) 4-Chloro-3-methylphenol	8.810	107	277014	42.805	ng	93
37) 2-Methylnaphthalene	8.986	142	564782	40.109	ng	100
38) 1-Methylnaphthalene	9.086	142	530135	38.826	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	289940	40.879	ng	98
41) Hexachlorocyclopentadiene	9.133	237	364583	100.290	ng	96
43) 2,4,6-Trichlorophenol	9.257	196	194816	42.013	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	198737	39.938	ng	97
46) 1,1'-Biphenyl	9.451	154	690605	40.781	ng	100
47) 2-Chloronaphthalene	9.480	162	544952	39.724	ng	96
48) 2-Nitroaniline	9.569	65	198835	45.408	ng	95
49) Acenaphthylene	9.898	152	839545	40.077	ng	100
50) Dimethylphthalate	9.757	163	629181	39.887	ng	99
51) 2,6-Dinitrotoluene	9.816	165	134844	43.853	ng	91
52) Acenaphthene	10.069	154	571158	43.680	ng	98
53) 3-Nitroaniline	9.986	138	92967	29.266	ng	97
54) 2,4-Dinitrophenol	10.092	184	118209	83.090	ng	93
55) Dibenzofuran	10.245	168	733826	39.170	ng	98
56) 4-Nitrophenol	10.139	139	208265	83.913	ng	93
57) 2,4-Dinitrotoluene	10.222	165	169928	44.568	ng	92
58) Fluorene	10.586	166	575600	39.045	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	169862	40.294	ng	98
60) Diethylphthalate	10.457	149	588166	39.446	ng	99
61) 4-Chlorophenyl-phenyle...	10.574	204	292168	40.081	ng	97
62) 4-Nitroaniline	10.610	138	129477	40.141	ng	98
63) Azobenzene	10.739	77	604769	38.739	ng	99
65) 4,6-Dinitro-2-methylph...	10.627	198	68990	40.541	ng	87
66) n-Nitrosodiphenylamine	10.698	169	503248	40.329	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	188373	40.847	ng	# 90
68) Hexachlorobenzene	11.133	284	206198	41.258	ng	98
69) Atrazine	11.227	200	178672	43.682	ng	96
70) Pentachlorophenol	11.327	266	240906	82.584	ng	98
71) Phenanthrene	11.557	178	847232	39.086	ng	99
72) Anthracene	11.610	178	866661	40.929	ng	100
73) Carbazole	11.763	167	762963	40.253	ng	99
74) Di-n-butylphthalate	12.092	149	860162	38.994	ng	99
75) Fluoranthene	12.751	202	931121	38.949	ng	100
77) Benzidine	12.874	184	367895	66.075	ng	99
78) Pyrene	12.986	202	943797	42.139	ng	99
80) Butylbenzylphthalate	13.604	149	329060	43.352	ng	99
81) Benzo(a)anthracene	14.180	228	724438	40.119	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	195931	37.082	ng	98
83) Chrysene	14.215	228	693022	39.396	ng	99
84) Bis(2-ethylhexyl)phtha...	14.162	149	393359	41.206	ng	99
85) Di-n-octyl phthalate	14.792	149	533218	39.527	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	590543	47.166	ng	99
88) Benzo(b)fluoranthene	15.274	252	561487	42.433	ng	99
89) Benzo(k)fluoranthene	15.304	252	548763	41.834	ng	100
90) Benzo(a)pyrene	15.668	252	475548	44.959	ng	99
91) Dibenzo(a,h)anthracene	17.350	278	496751	48.359	ng	97
92) Benzo(g,h,i)perylene	17.809	276	498776	43.745	ng	98

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

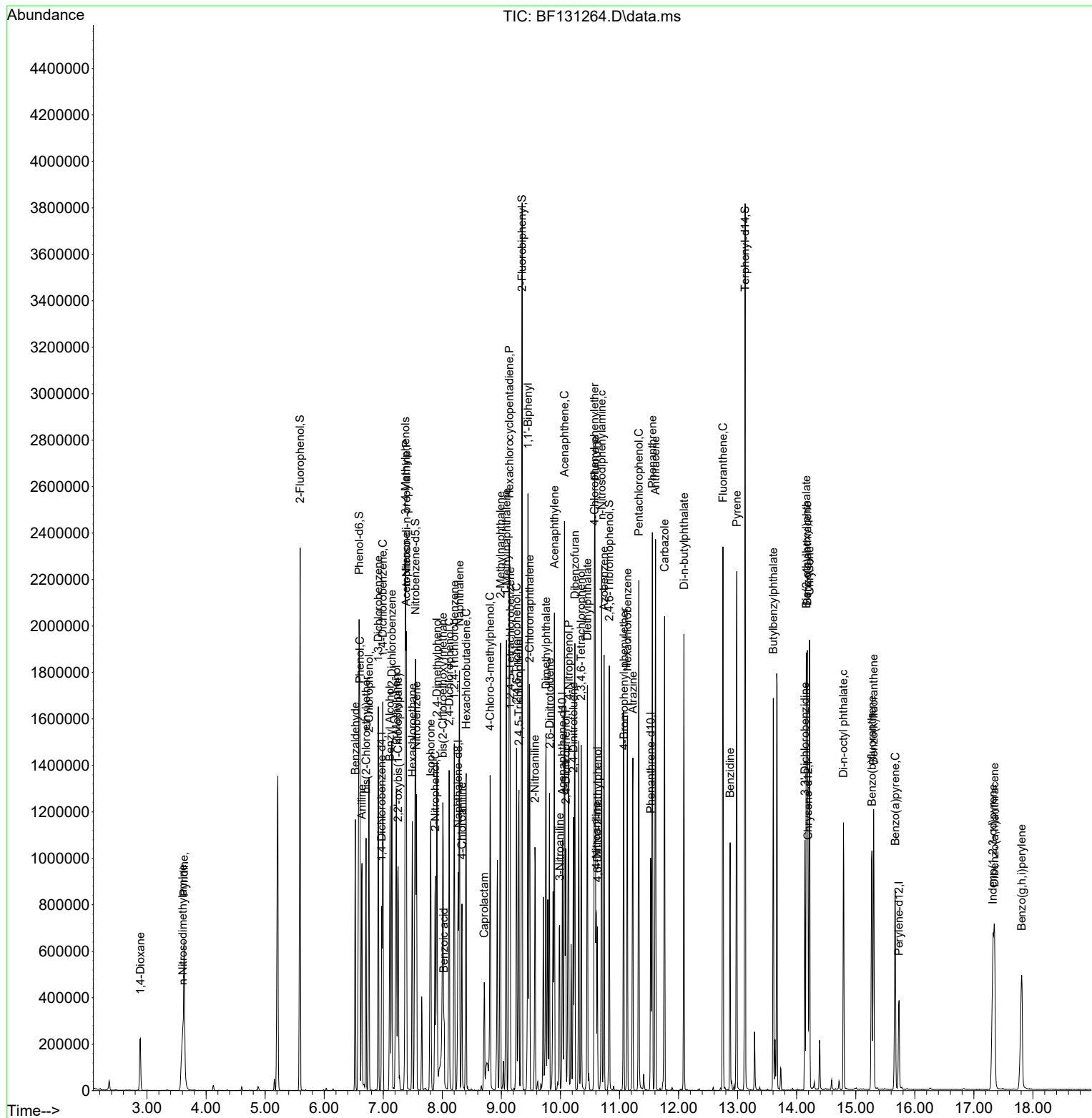
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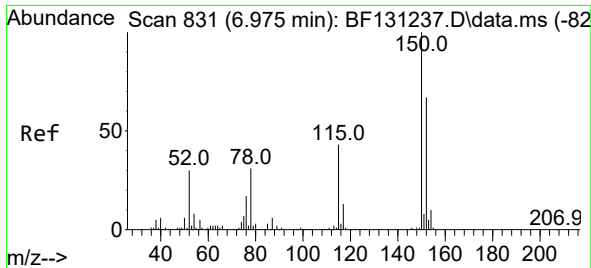
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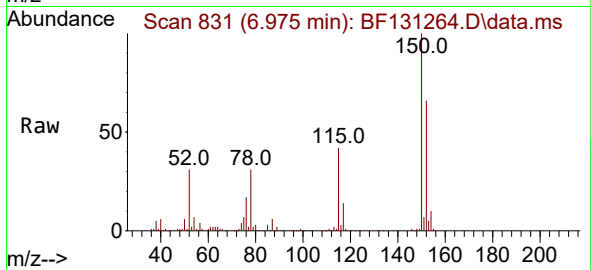
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

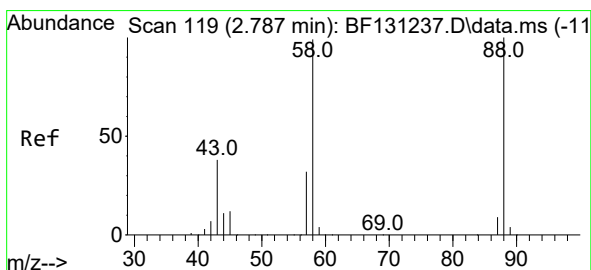
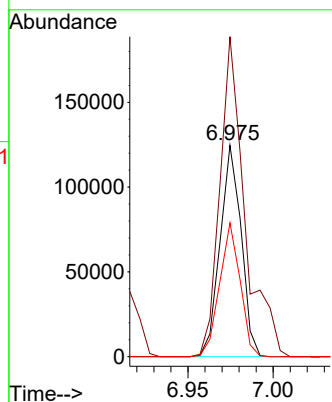
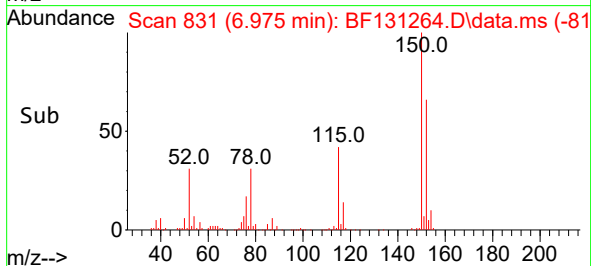
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



Tgt Ion:152 Resp: 10742
Ion Ratio Lower Upper
152 100
150 151.3 120.2 180.4
115 63.3 51.8 77.8

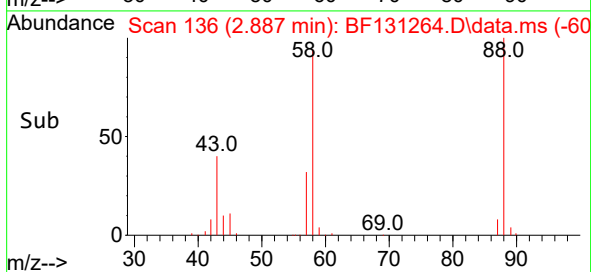
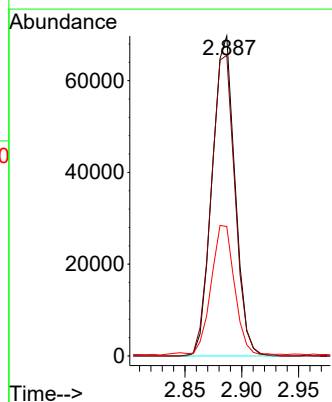
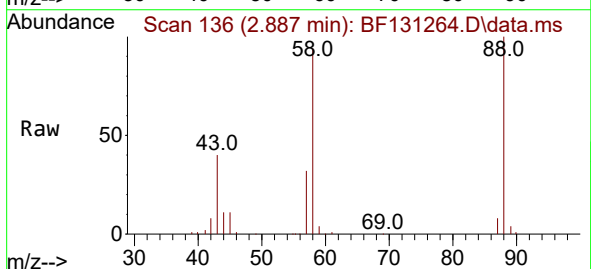
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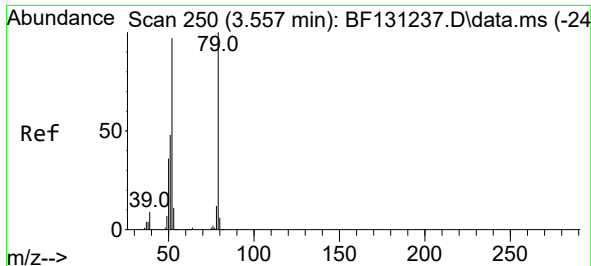
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#2
1,4-Dioxane
Concen: 34.919 ng
RT: 2.887 min Scan# 136
Delta R.T. 0.100 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

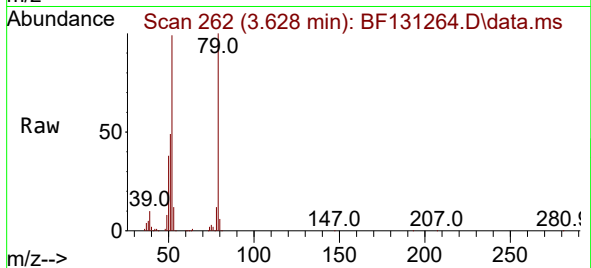
Tgt Ion: 88 Resp: 97051
Ion Ratio Lower Upper
88 100
58 98.0 77.1 115.7
43 42.3 31.3 46.9





#3
Pyridine
Concen: 33.893 ng
RT: 3.628 min Scan# 20
Delta R.T. 0.070 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

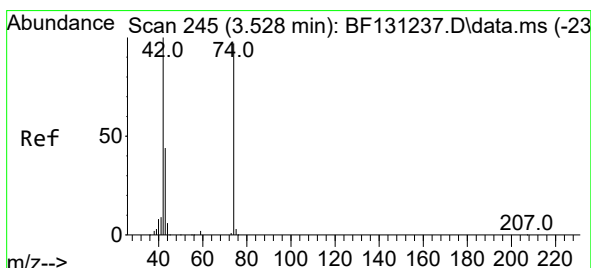
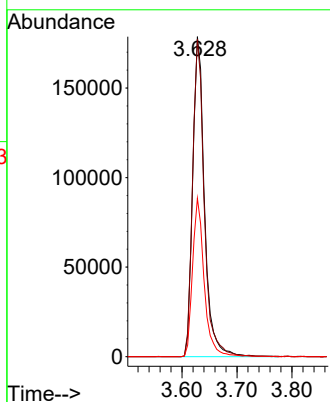
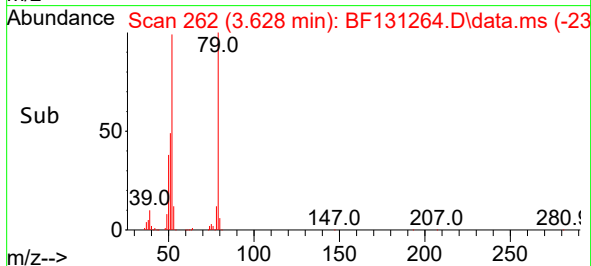
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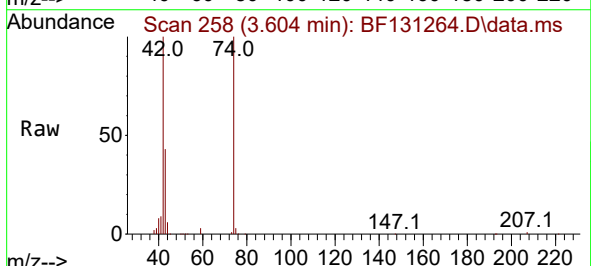
Tgt Ion: 79 Resp: 266254
Ion Ratio Lower Upper
79 100
52 99.2 77.7 116.5
51 49.5 38.7 58.1

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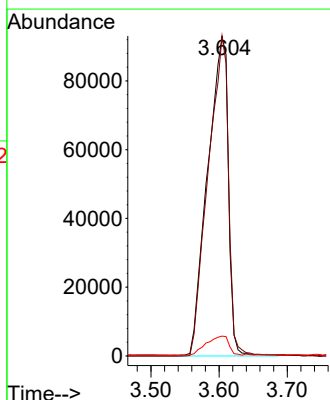
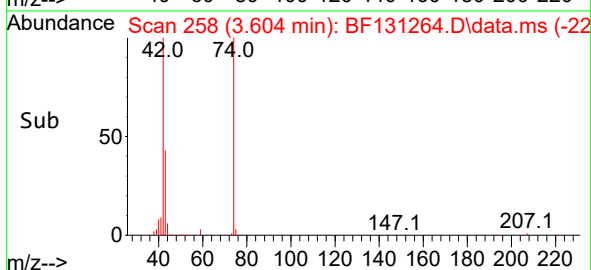
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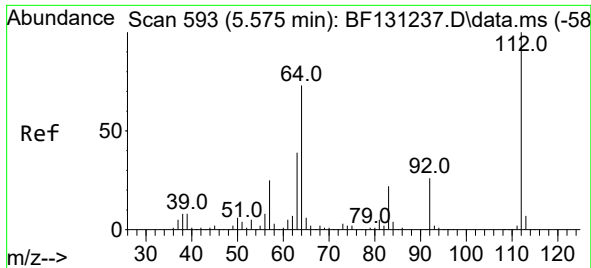


#4
n-Nitrosodimethylamine
Concen: 42.947 ng
RT: 3.604 min Scan# 258
Delta R.T. 0.076 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion: 42 Resp: 196648
Ion Ratio Lower Upper
42 100
74 100.4 77.8 116.6
44 6.2 5.9 8.9





#5
2-Fluorophenol
Concen: 91.107 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.017 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

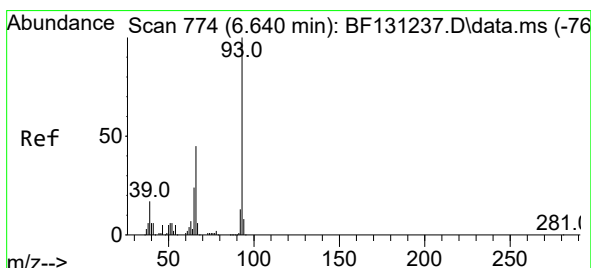
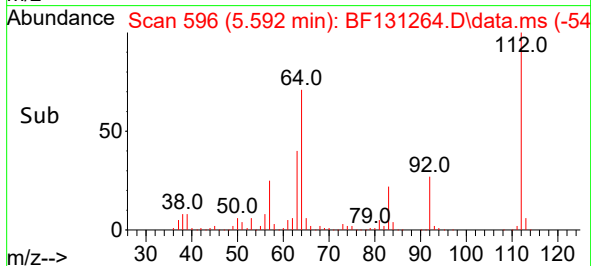
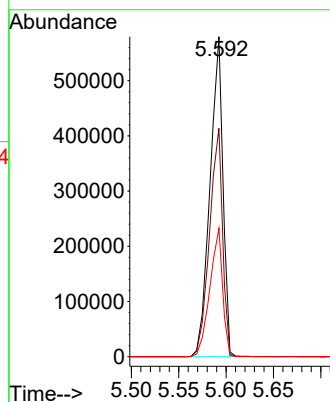
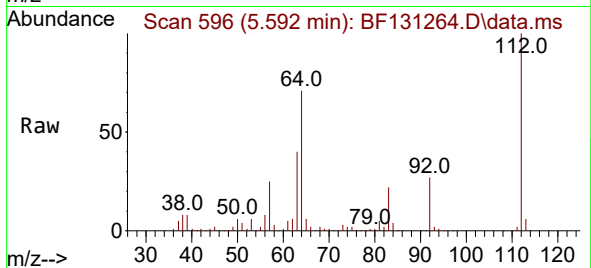
PB149098BSD

Tgt Ion:112 Resp: 55269
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 40.1 31.6 47.4

Manual Integrations

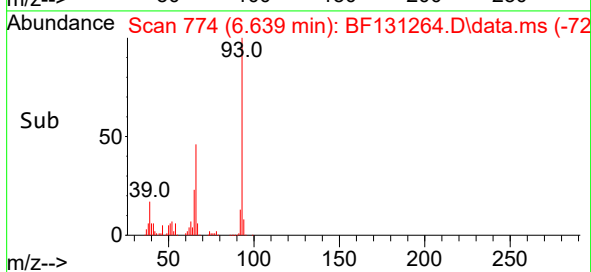
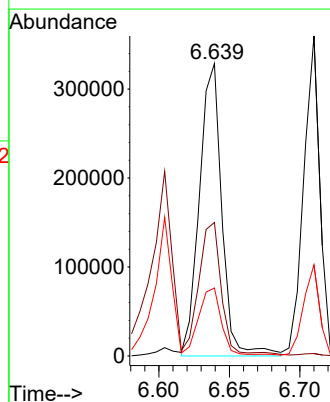
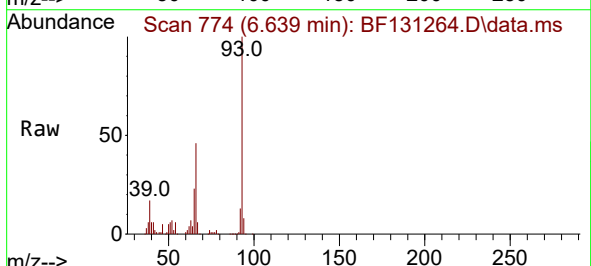
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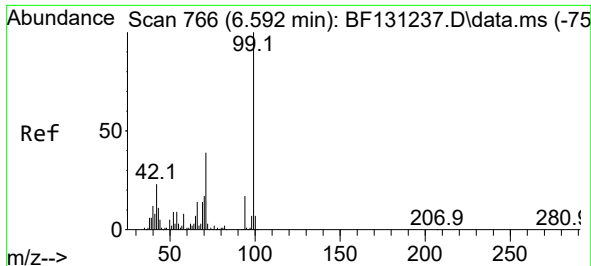
Reviewed By :Christian Giraldo 11/17/2022
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#6
Aniline
Concen: 37.734 ng m
RT: 6.639 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

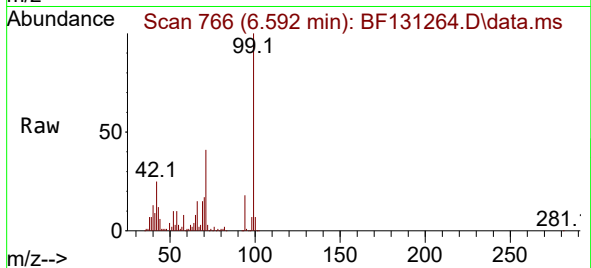
Tgt Ion: 93 Resp: 363669
Ion Ratio Lower Upper
93 100
66 45.6 36.6 55.0
65 23.3 19.3 28.9





#7
Phenol-d6
Concen: 89.980 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

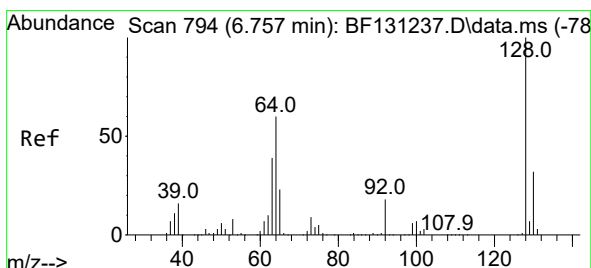
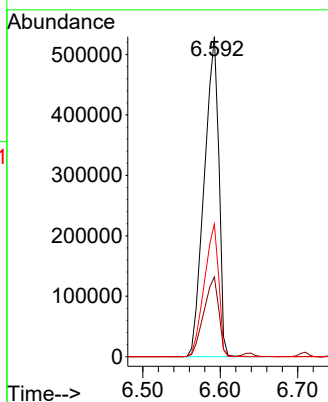
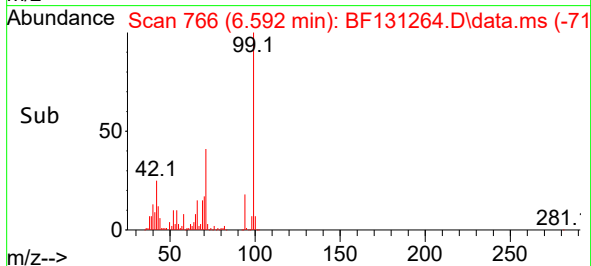
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Tgt Ion: 99 Resp: 69137
Ion Ratio Lower Upper
99 100
42 24.9 18.6 28.0
71 41.5 31.1 46.7

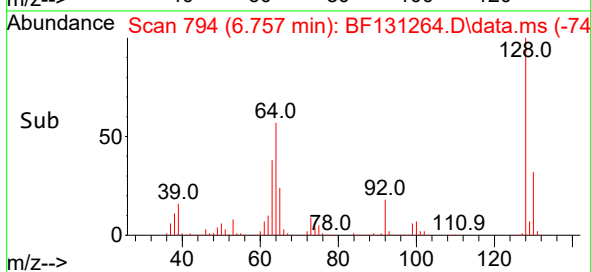
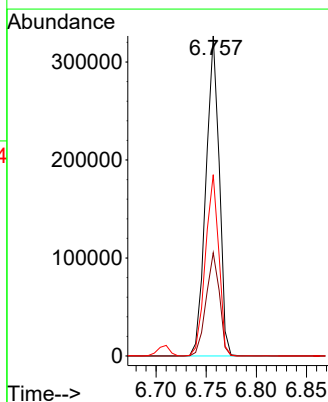
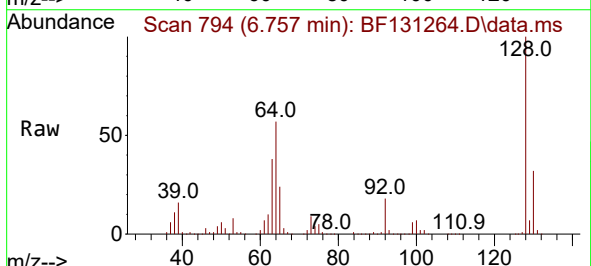
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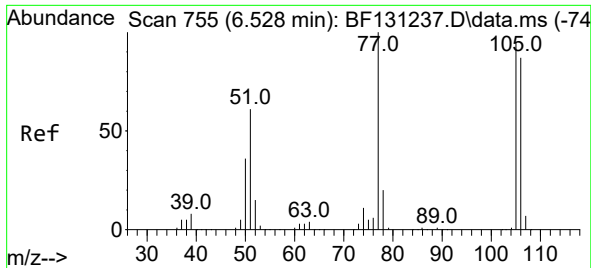
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#8
2-Chlorophenol
Concen: 44.334 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

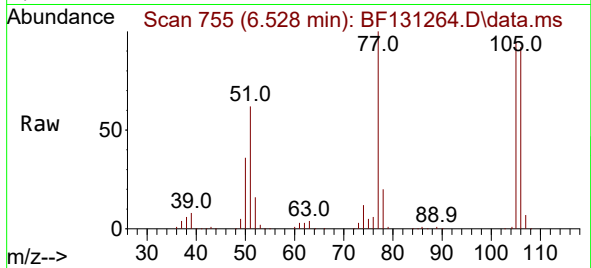
Tgt Ion:128 Resp: 302326
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 56.7 40.1 80.1





#9
Benzaldehyde
Concen: 34.150 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

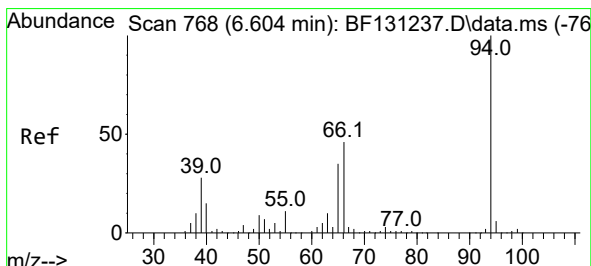
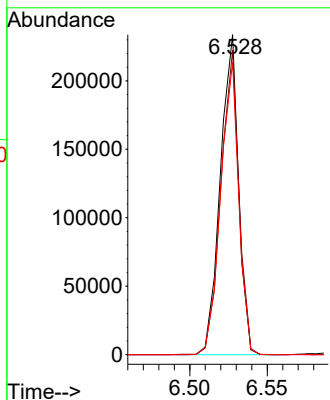
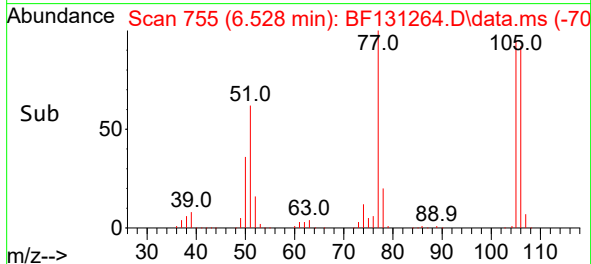
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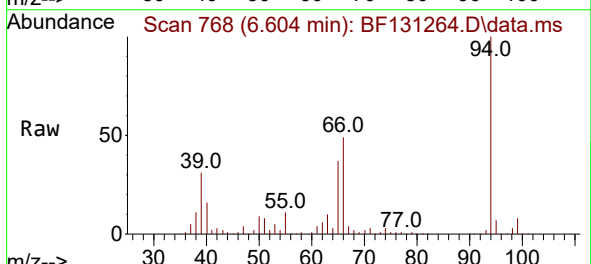
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Ion Ratio Lower Upper
77 100
105 95.2 74.8 114.8
106 91.5 67.3 107.3

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APPROVED

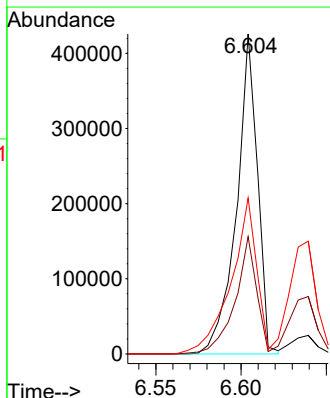
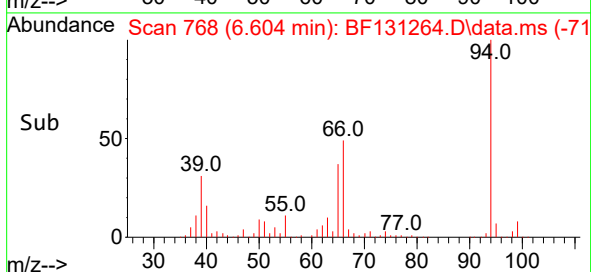
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

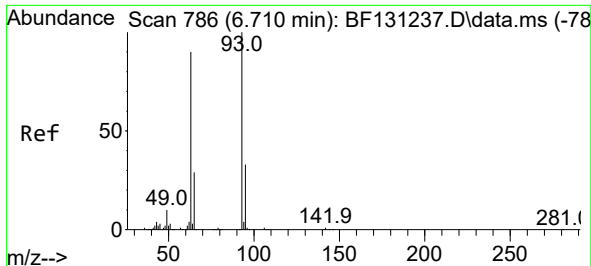


#10
Phenol
Concen: 42.290 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion: 94 Resp: 363505
Ion Ratio Lower Upper
94 100
65 36.6 14.8 54.8
66 48.8 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 42.185 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF131264.D

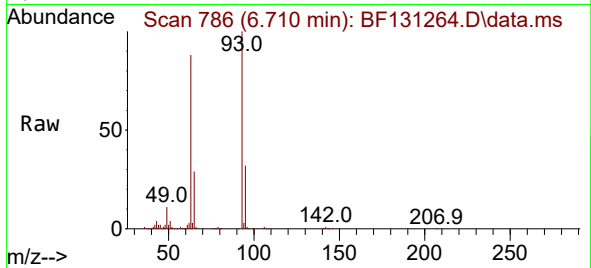
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD



Tgt Ion: 93 Resp: 283914

Ion Ratio Lower Upper

93 100

63 88.2 69.8 109.8

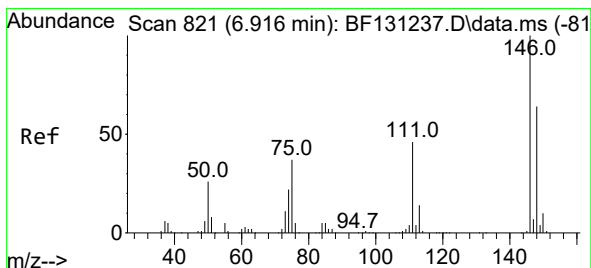
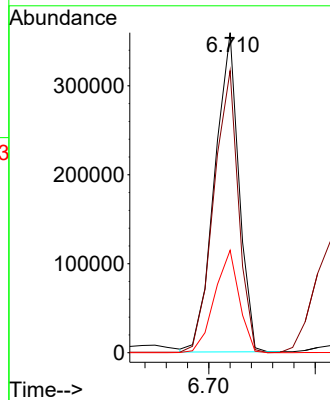
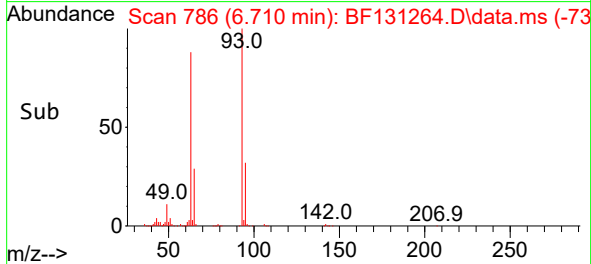
95 32.0 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#12

1,3-Dichlorobenzene

Concen: 41.153 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

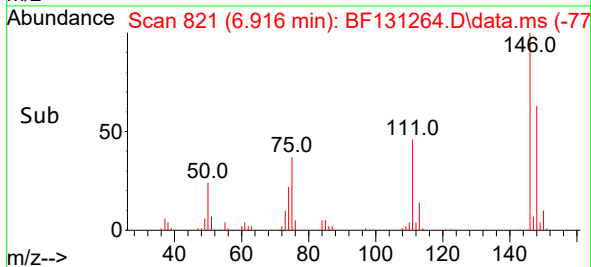
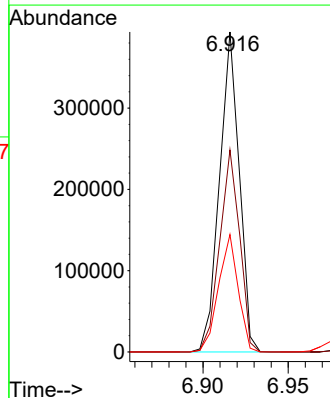
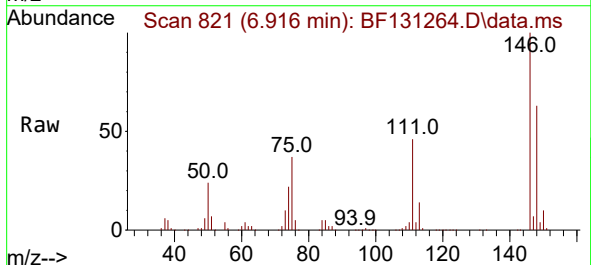
Tgt Ion:146 Resp: 317495

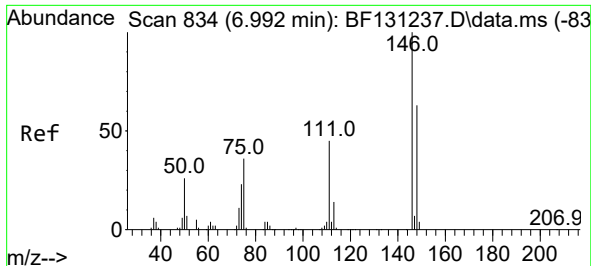
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

75 36.7 29.2 43.8





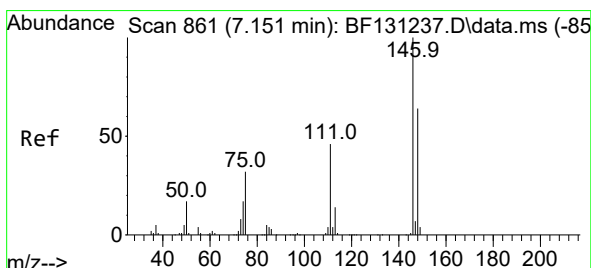
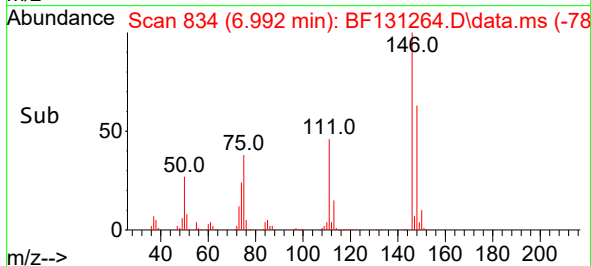
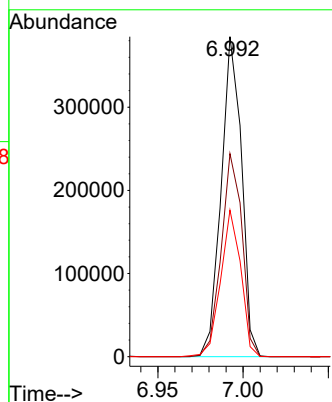
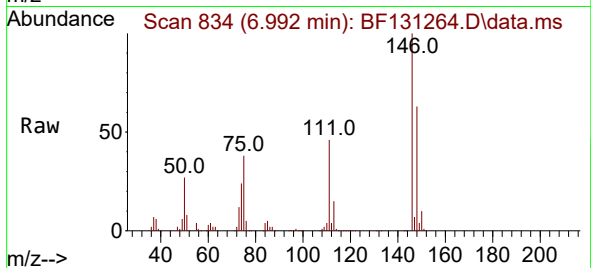
#13
1,4-Dichlorobenzene
Concen: 41.027 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB149098BSD

Tgt Ion:146 Resp: 320109
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
111 45.8 36.3 54.5

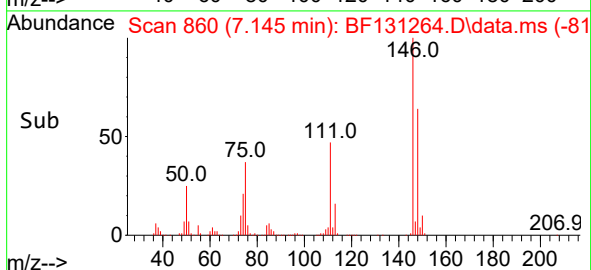
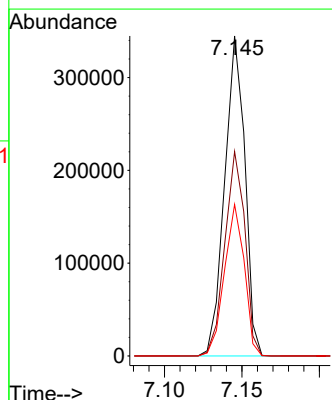
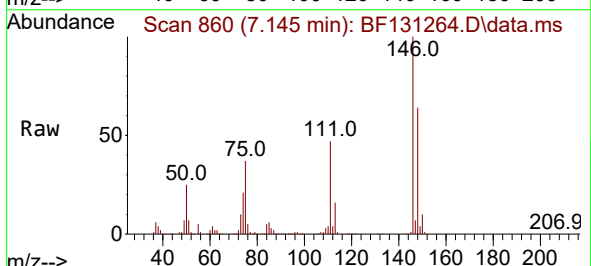
Manual Integrations
APPROVED

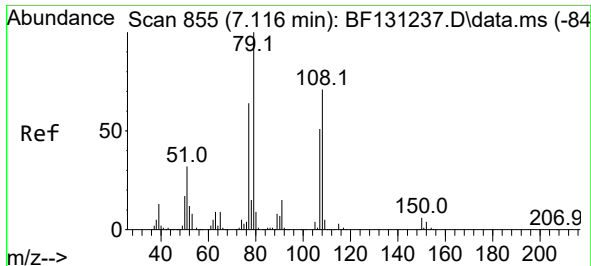
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#14
1,2-Dichlorobenzene
Concen: 43.422 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

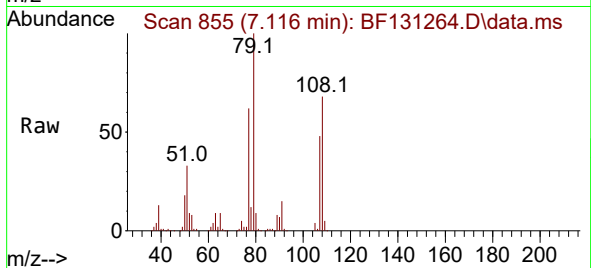
Tgt Ion:146 Resp: 313130
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 47.3 36.9 55.3





#15
Benzyl Alcohol
Concen: 42.304 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

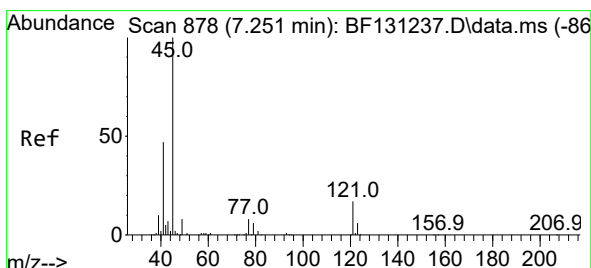
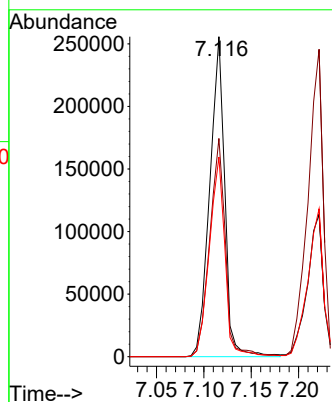
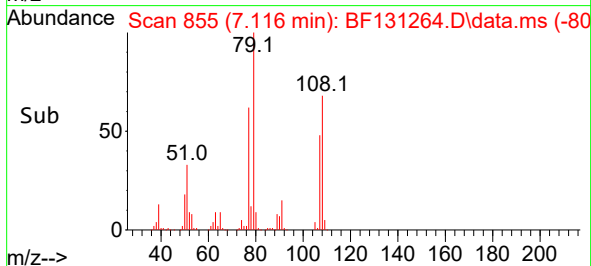
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



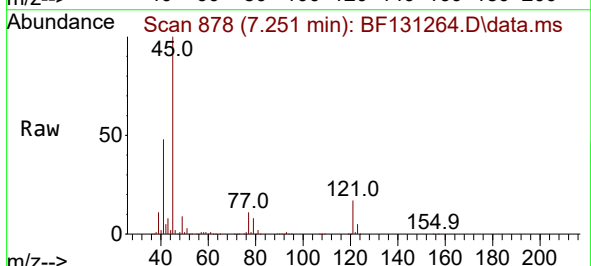
Tgt Ion: 79 Resp: 282340
Ion Ratio Lower Upper
79 100
108 68.2 56.7 85.1
77 62.4 51.4 77.2

Manual Integrations
APPROVED

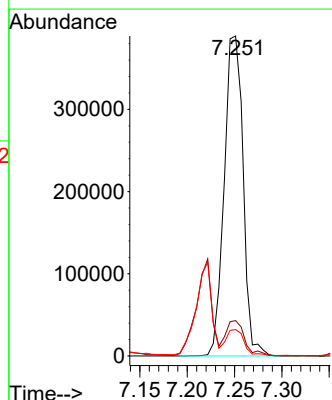
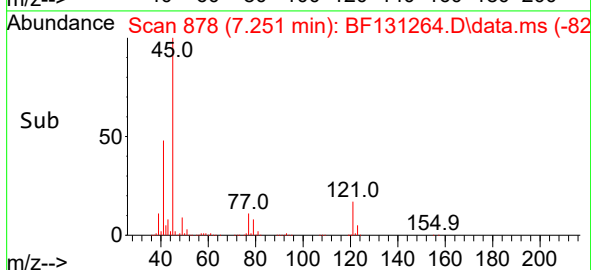
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

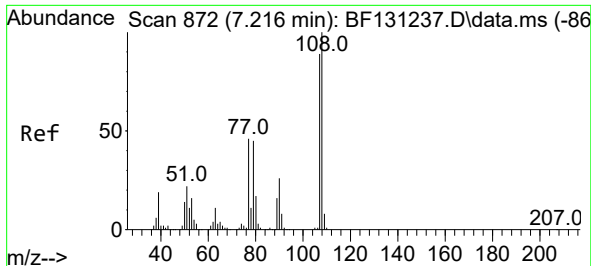


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.614 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



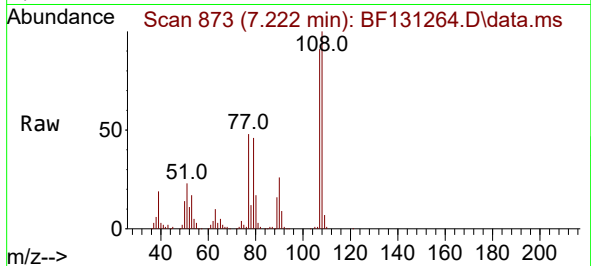
Tgt Ion: 45 Resp: 540201
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.0
79 8.3 0.0 28.5





#17
2-Methylphenol
Concen: 42.076 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

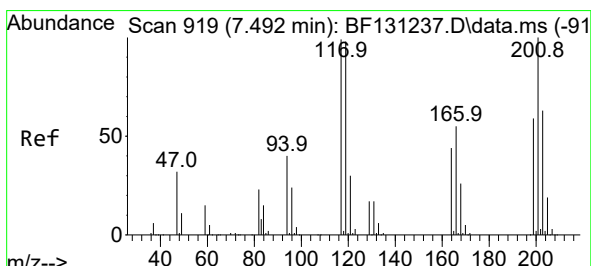
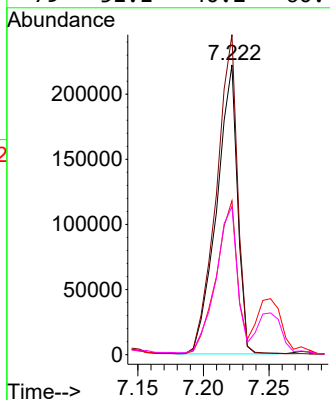
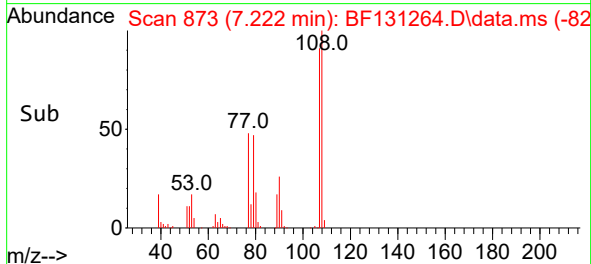
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



Tgt Ion:107 Resp: 244960
Ion Ratio Lower Upper
107 100
108 110.4 89.8 134.6
77 53.1 41.4 62.0
79 51.1 40.2 60.4

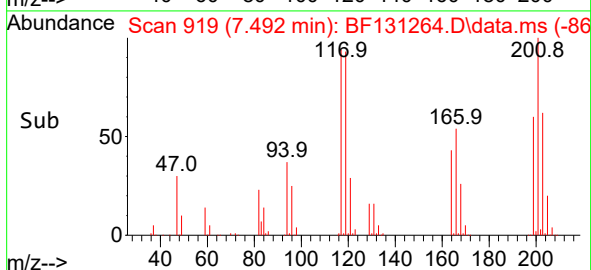
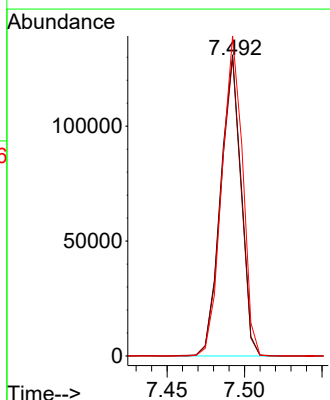
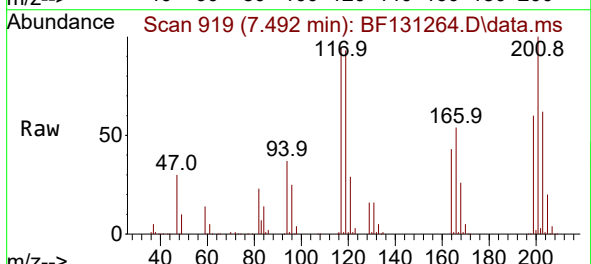
Manual Integrations
APPROVED

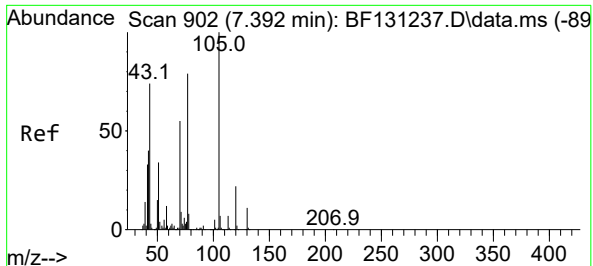
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#18
Hexachloroethane
Concen: 42.400 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

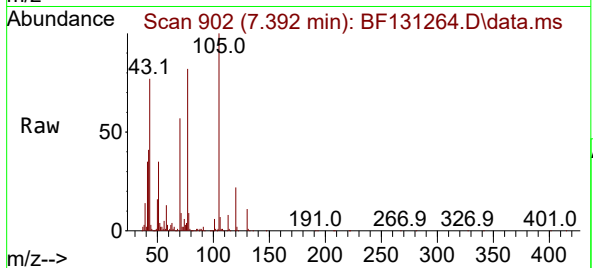
Tgt Ion:117 Resp: 120265
Ion Ratio Lower Upper
117 100
119 99.2 79.0 118.6
201 106.3 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.423 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

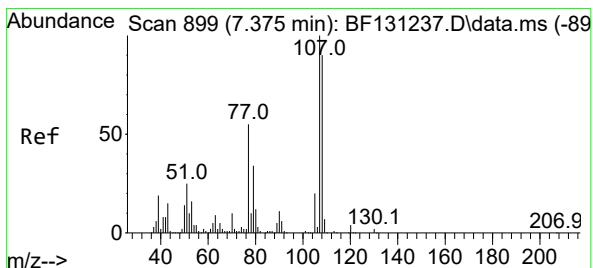
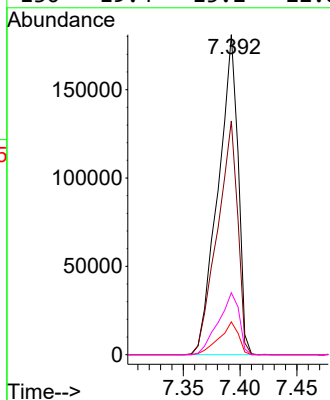
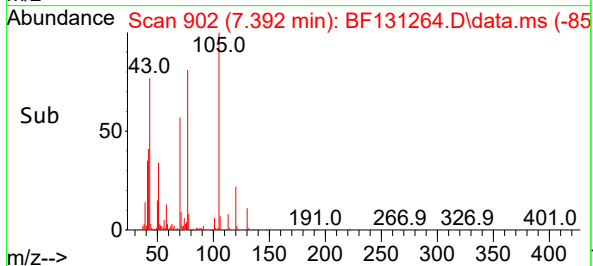
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



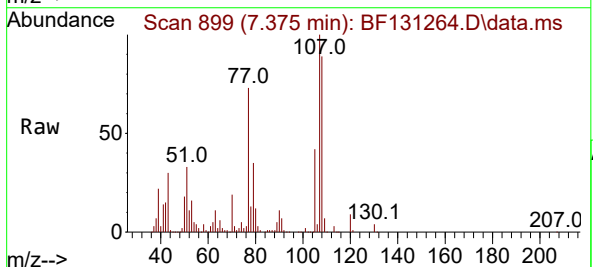
Tgt Ion: 70 Resp: 22178
Ion Ratio Lower Upper
70 100
42 73.0 58.3 87.5
101 10.3 7.2 10.8
130 19.4 15.2 22.8

Manual Integrations
APPROVED

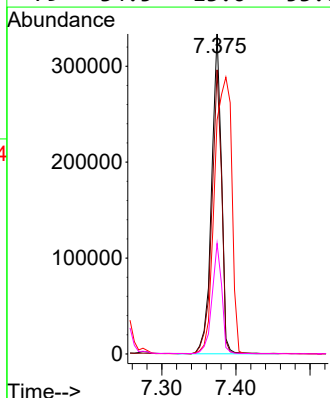
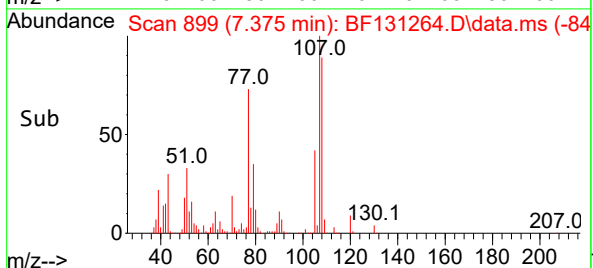
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

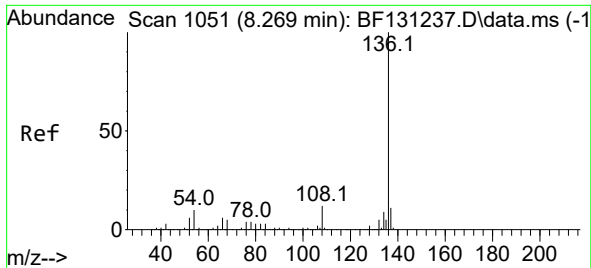


#20
3+4-Methylphenols
Concen: 40.658 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:107 Resp: 306178
Ion Ratio Lower Upper
107 100
108 88.8 69.5 109.5
77 73.1 35.3 75.3
79 34.5 13.6 53.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

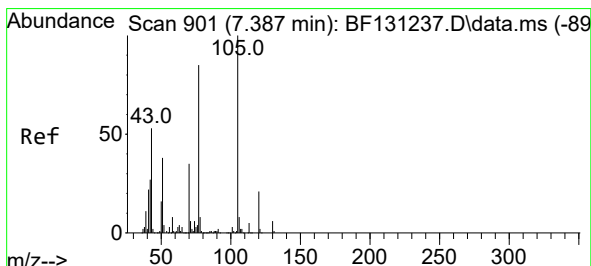
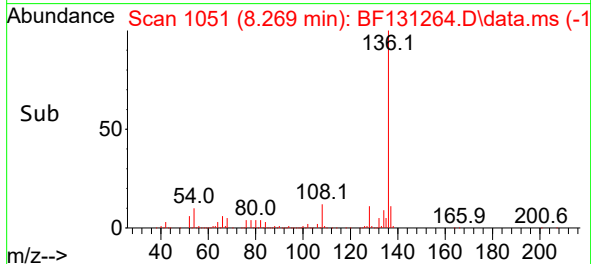
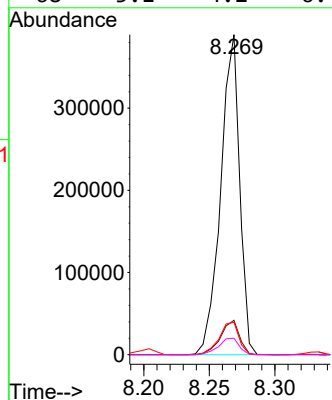
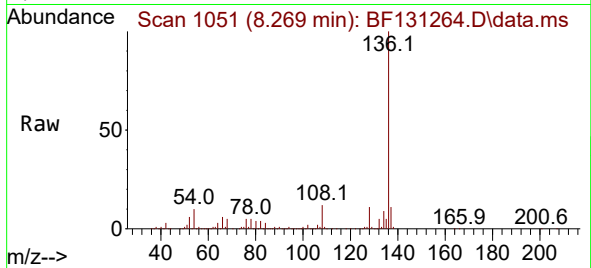
PB149098BSD

Tgt Ion:136 Resp: 390245
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.1 7.8 11.8
68 5.1 4.2 6.4

Manual Integrations

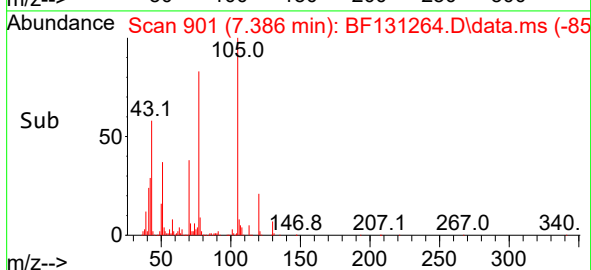
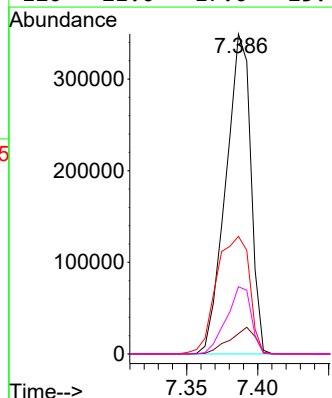
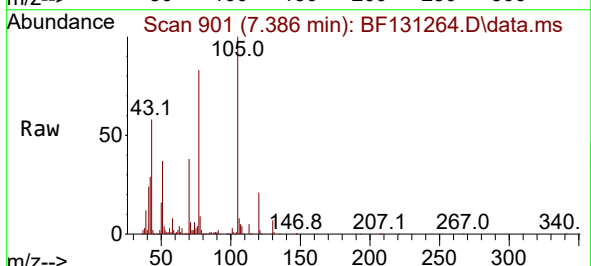
APPROVED

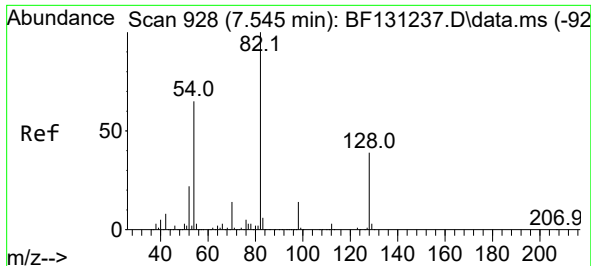
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#22
Acetophenone
Concen: 41.958 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Tgt Ion:105 Resp: 426815
Ion Ratio Lower Upper
105 100
71 6.4 4.7 7.1
51 36.7 30.2 45.2
120 21.0 17.0 25.4





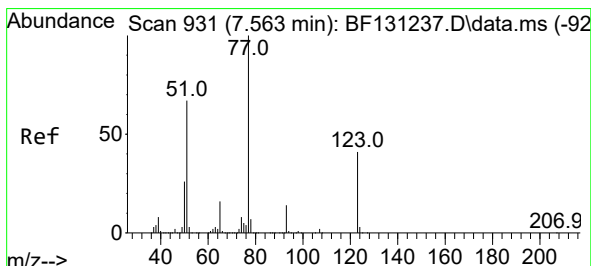
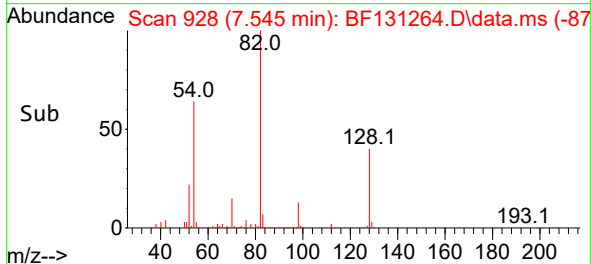
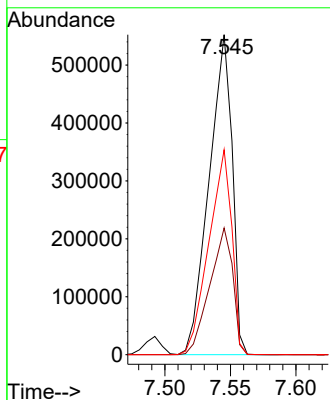
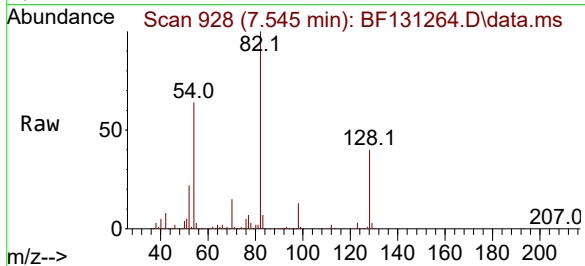
#23
Nitrobenzene-d5
Concen: 97.337 ng
RT: 7.545 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB149098BSD

Tgt Ion: 82 Resp: 67674
Ion Ratio Lower Upper
82 100
128 39.6 31.1 46.7
54 64.1 51.8 77.6

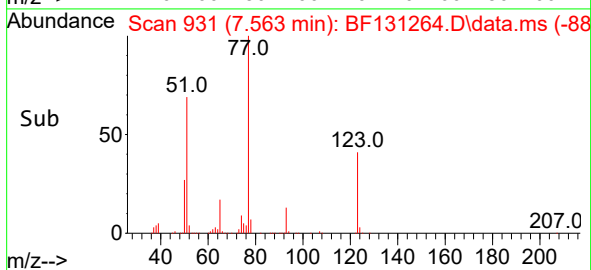
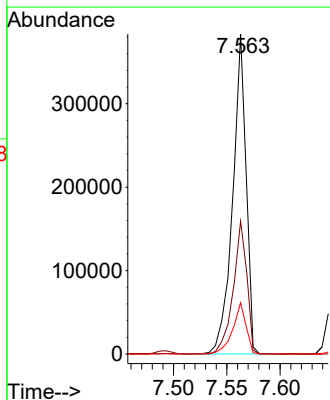
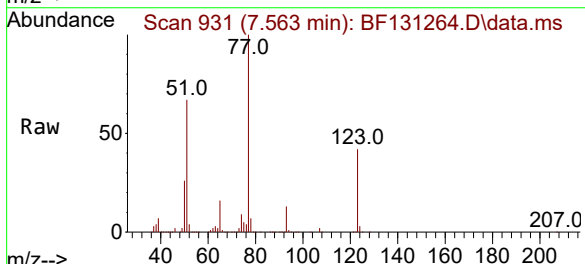
Manual Integrations
APPROVED

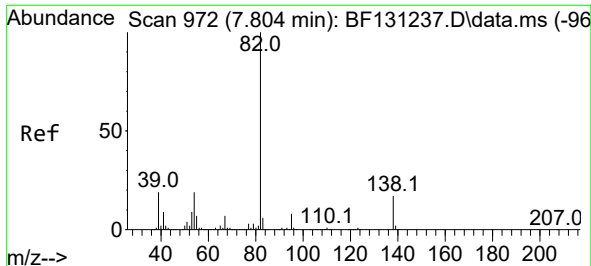
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#24
Nitrobenzene
Concen: 44.931 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Tgt Ion: 77 Resp: 337231
Ion Ratio Lower Upper
77 100
123 41.5 33.2 49.8
65 16.0 13.0 19.4





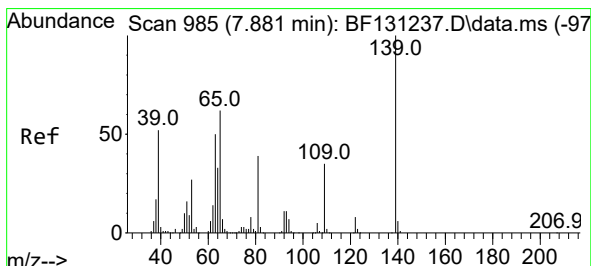
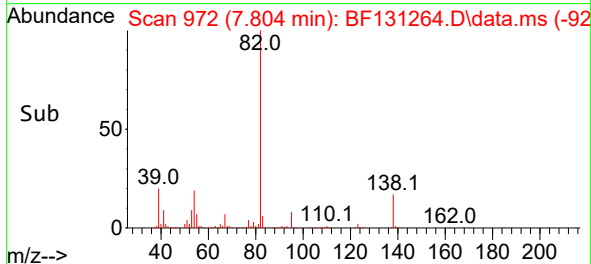
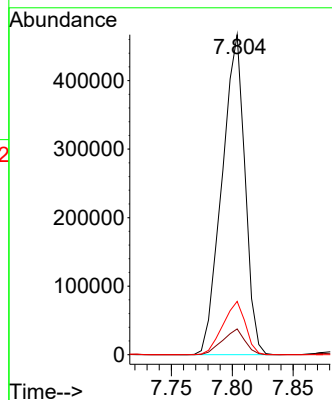
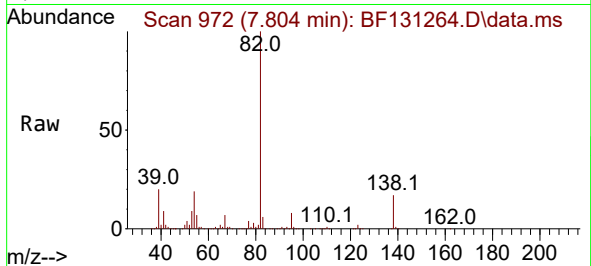
#25
Isophorone
Concen: 44.155 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB149098BSD

Tgt Ion: 82 Resp: 613290
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.7 13.4 20.0

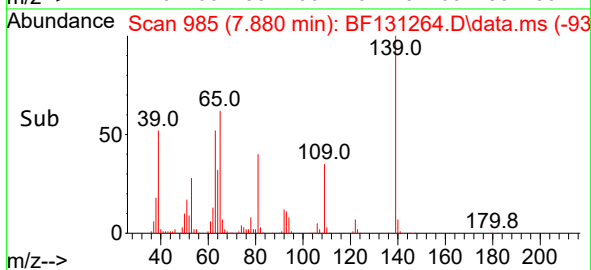
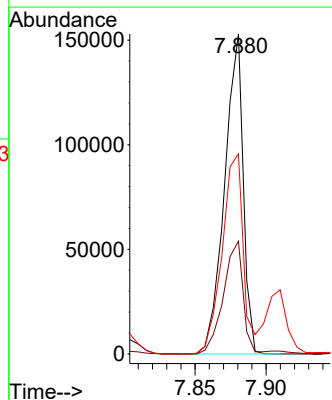
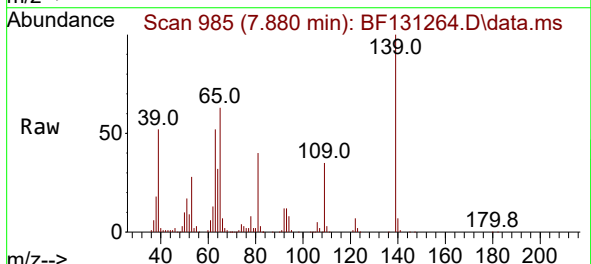
Manual Integrations
APPROVED

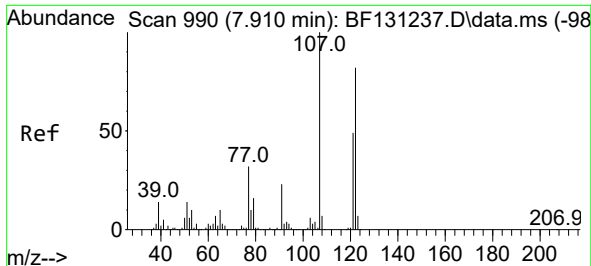
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#26
2-Nitrophenol
Concen: 46.617 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.001 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Tgt Ion:139 Resp: 139799
Ion Ratio Lower Upper
139 100
109 35.2 28.0 42.0
65 62.6 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 48.450 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF131264.D

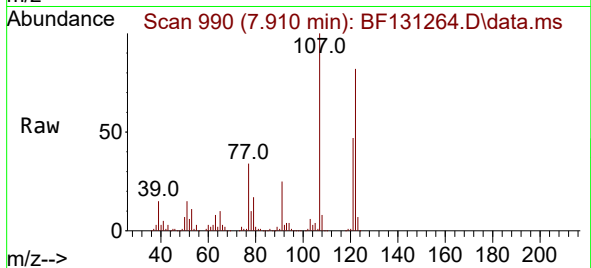
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

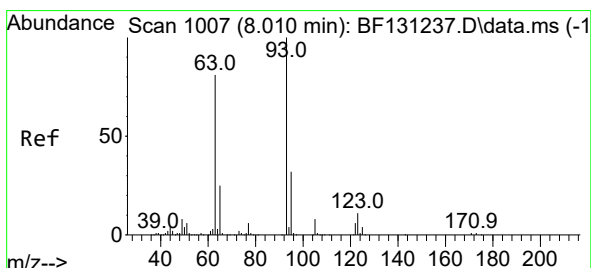
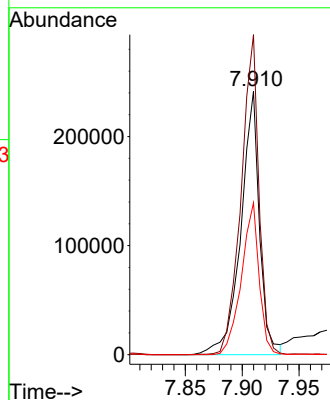
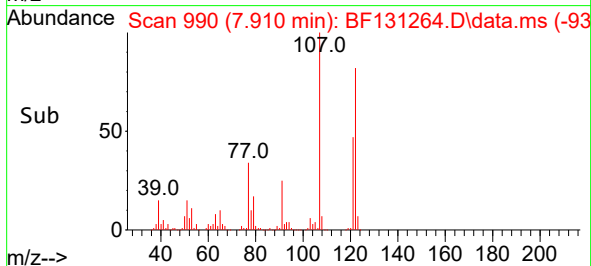


Tgt Ion:	122	Resp:	275450
Ion	Ratio	Lower	Upper
122	100		
107	121.4	97.1	145.7
121	57.6	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.183 ng

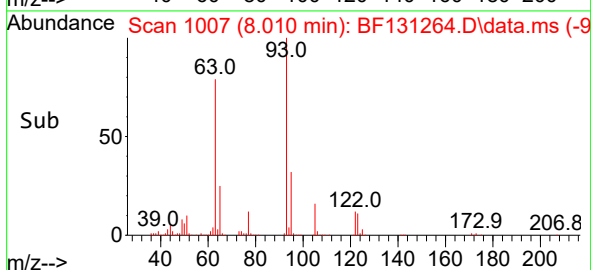
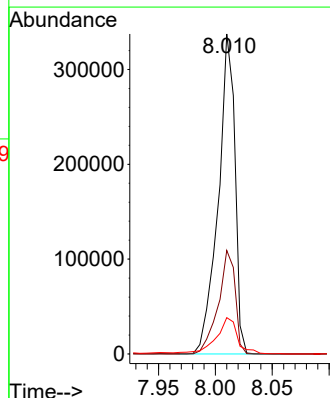
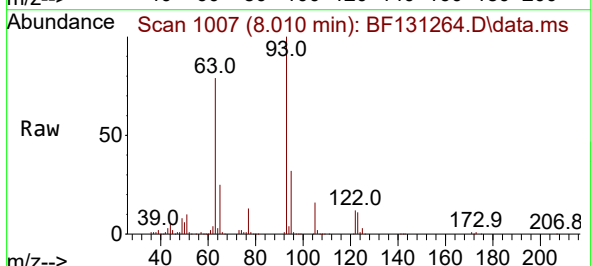
RT: 8.010 min Scan# 1007

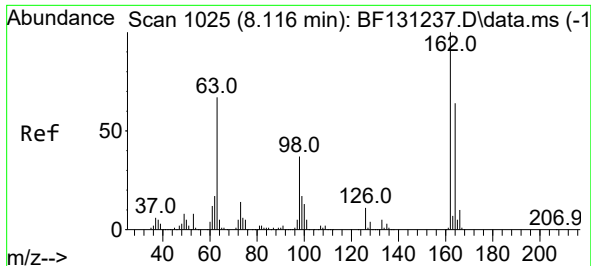
Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

Tgt Ion:	93	Resp:	345999
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.806 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

Tgt Ion:162 Resp: 257030

Ion Ratio Lower Upper

162 100

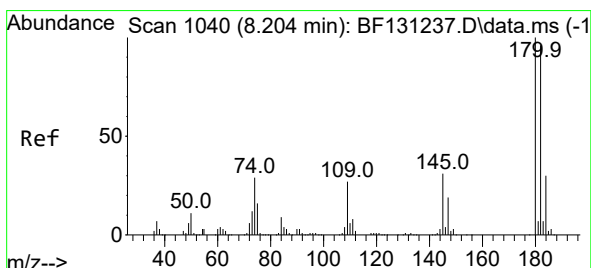
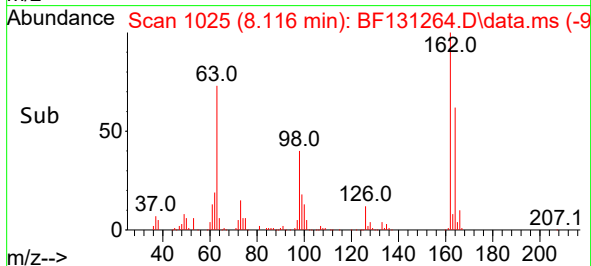
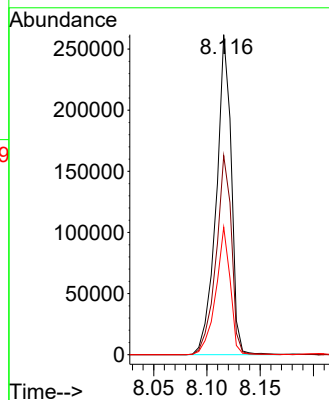
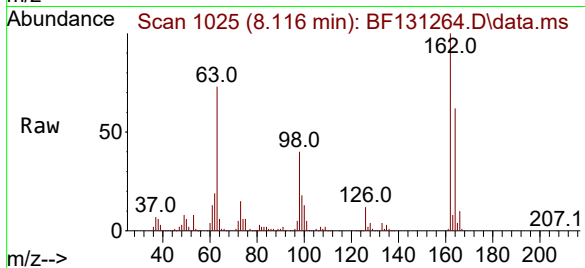
164 62.2 43.5 83.5

98 39.8 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.837 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

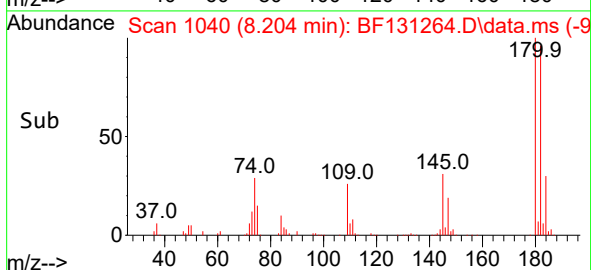
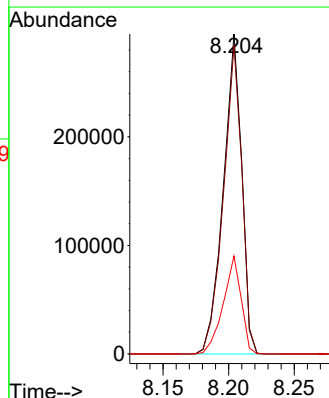
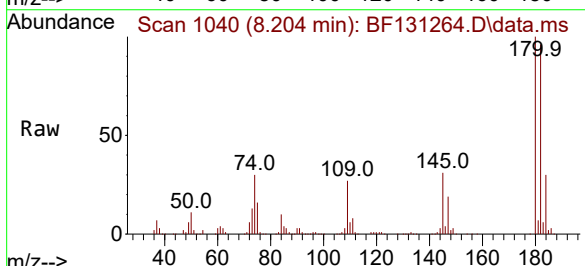
Tgt Ion:180 Resp: 287165

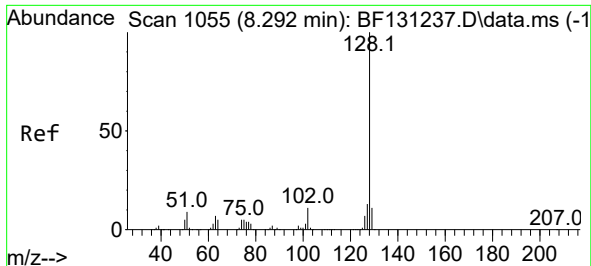
Ion Ratio Lower Upper

180 100

182 96.5 76.6 115.0

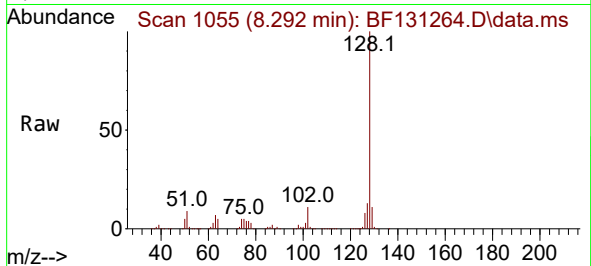
145 30.6 24.8 37.2





#31
Naphthalene
Concen: 39.520 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

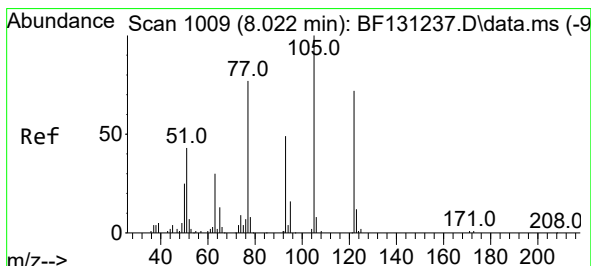
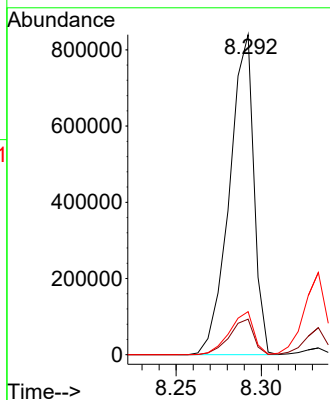
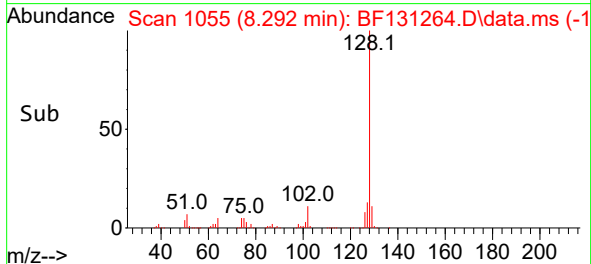
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



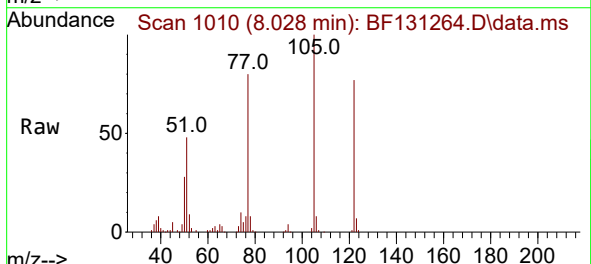
Tgt Ion:128 Resp: 83556
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 10.3 15.5

Manual Integrations
APPROVED

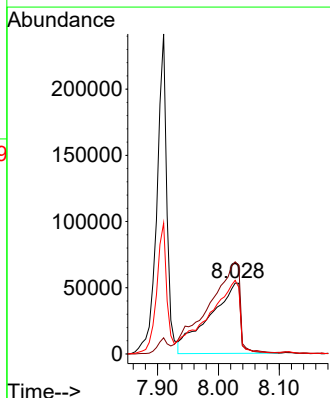
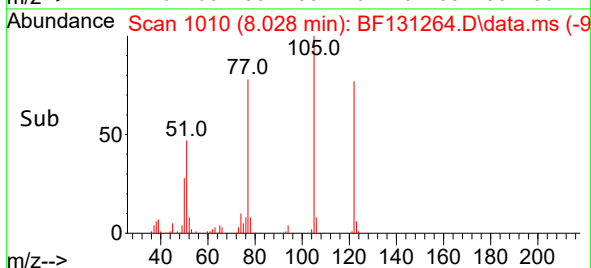
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

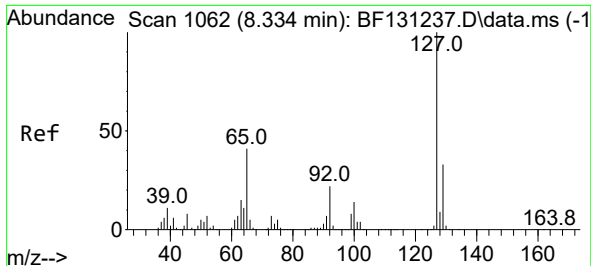


#32
Benzoic acid
Concen: 45.976 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:122 Resp: 187592
Ion Ratio Lower Upper
122 100
105 129.9 116.9 156.9
77 103.8 86.9 126.9





#33
4-Chloroaniline
Concen: 23.760 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

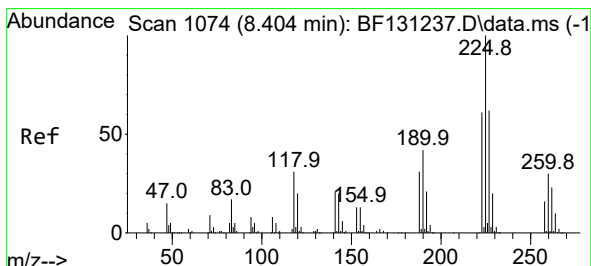
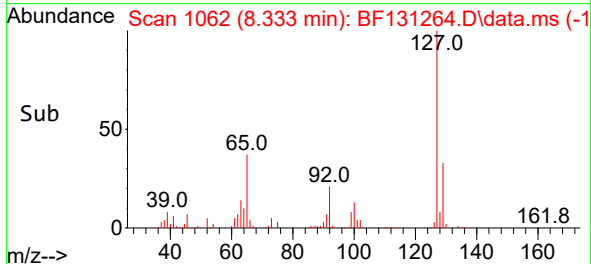
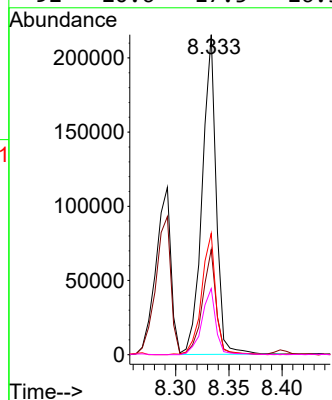
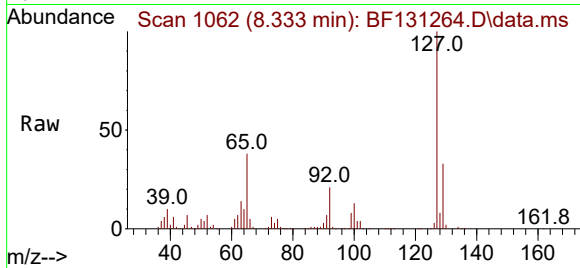
ClientSampleId :

PB149098BSD

Tgt Ion:127 Resp: 197752
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0
65 37.9 32.6 48.8
92 20.6 17.5 26.3

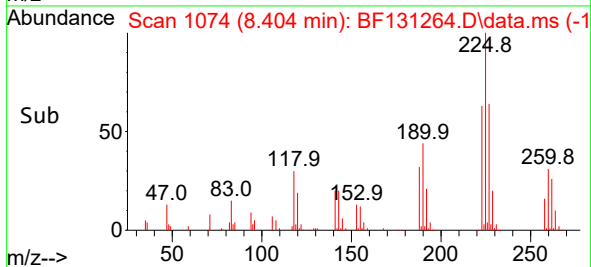
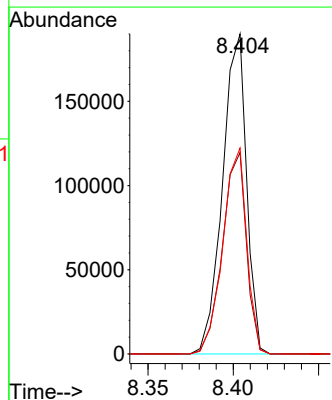
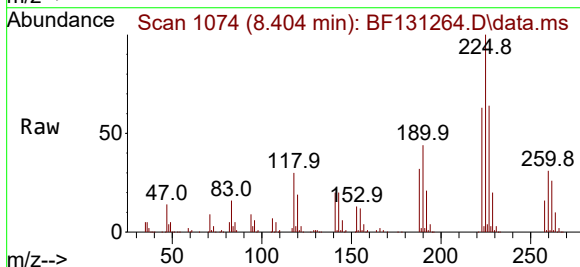
Manual Integrations
APPROVED

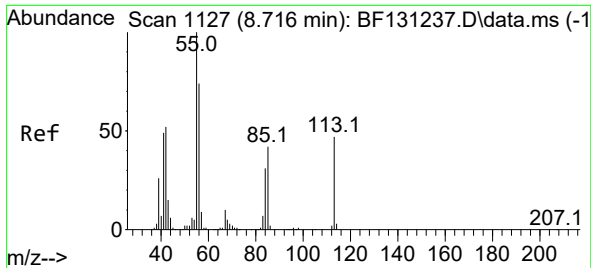
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 40.890 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

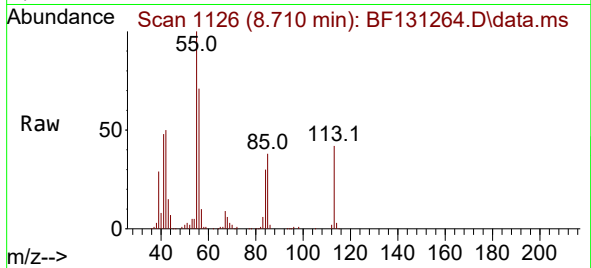
Tgt Ion:225 Resp: 186554
Ion Ratio Lower Upper
225 100
223 63.0 49.1 73.7
227 64.3 50.0 75.0





#35
 Caprolactam
 Concen: 43.679 ng m
 RT: 8.710 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: BF131264.D
 Acq: 16 Nov 2022 14:33

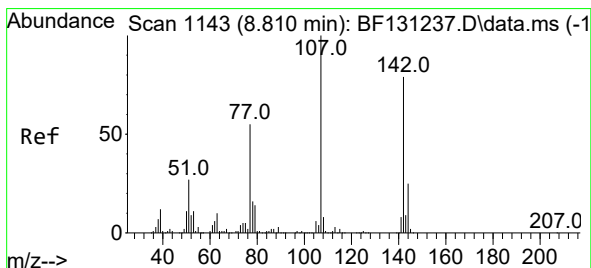
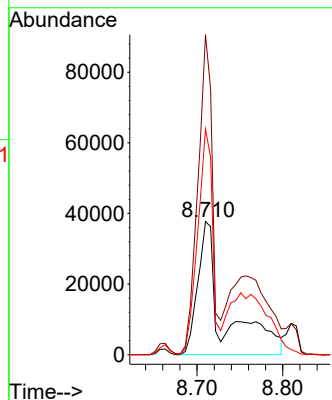
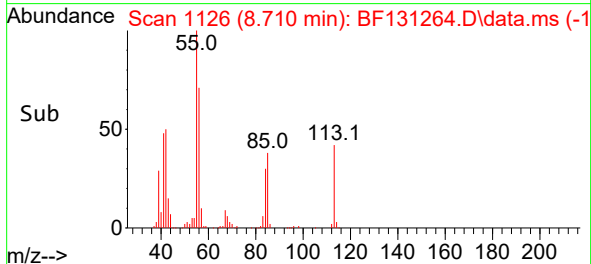
Instrument :
 BNA_F
 ClientSampleId :
 PB149098BSD



Tgt Ion:113 Resp: 7936
 Ion Ratio Lower Upper
 113 100
 55 240.4 193.2 233.2
 56 169.6 137.2 177.2

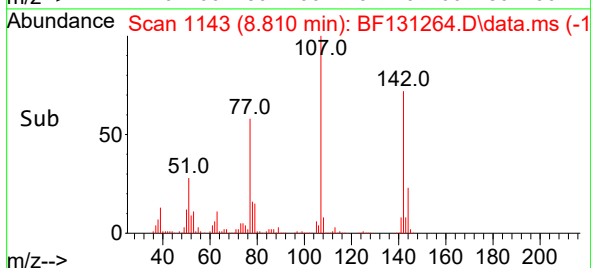
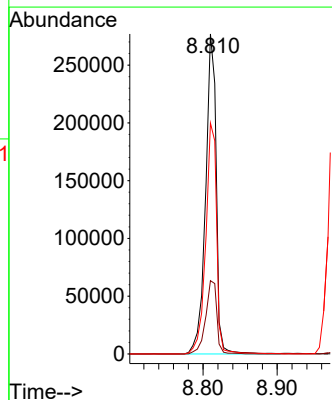
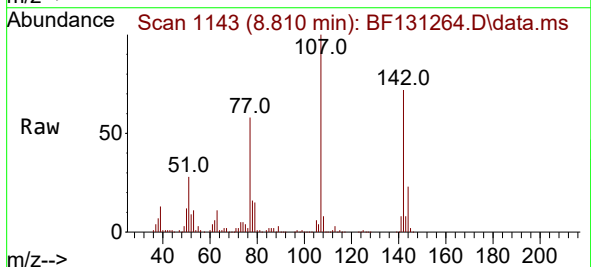
Manual Integrations
 APPROVED

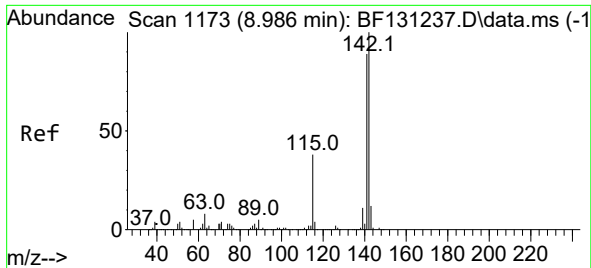
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022



#36
 4-Chloro-3-methylphenol
 Concen: 42.805 ng
 RT: 8.810 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: BF131264.D
 Acq: 16 Nov 2022 14:33

Tgt Ion:107 Resp: 277014
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.2 30.2
 142 72.2 63.0 94.6





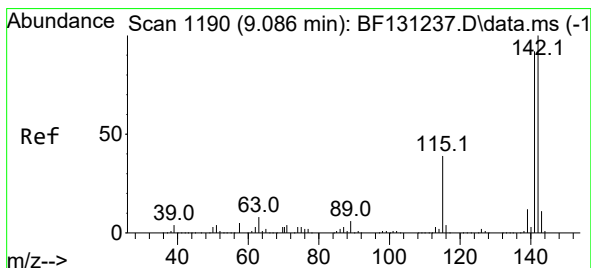
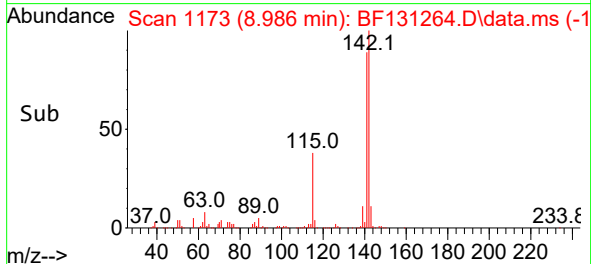
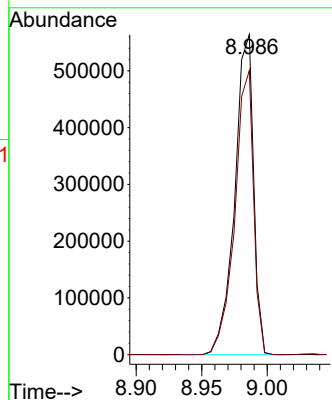
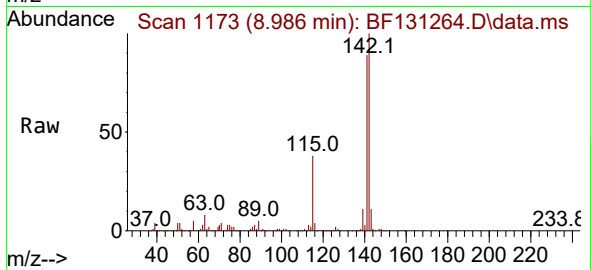
#37
2-Methylnaphthalene
Concen: 40.109 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB149098BSD

Tgt Ion:142 Resp: 56478
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6

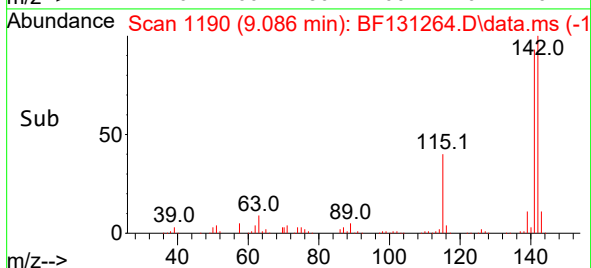
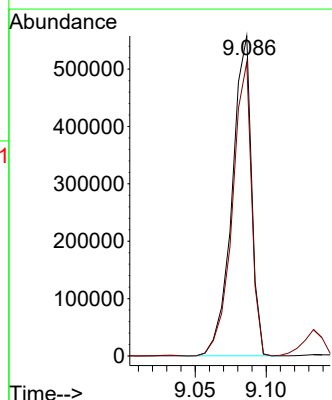
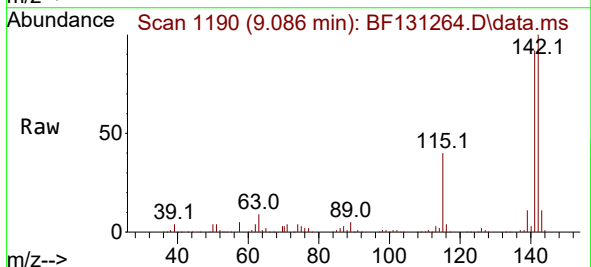
Manual Integrations
APPROVED

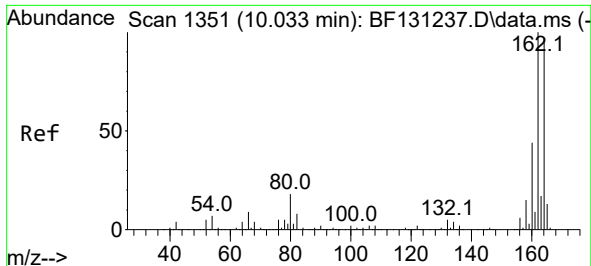
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#38
1-Methylnaphthalene
Concen: 38.826 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

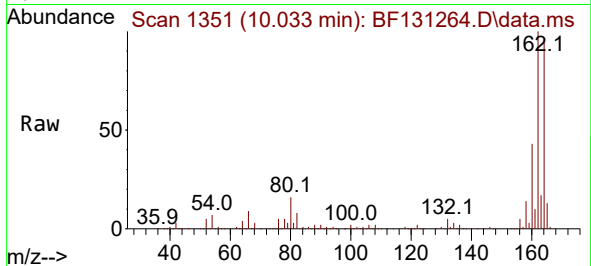
Tgt Ion:142 Resp: 530135
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

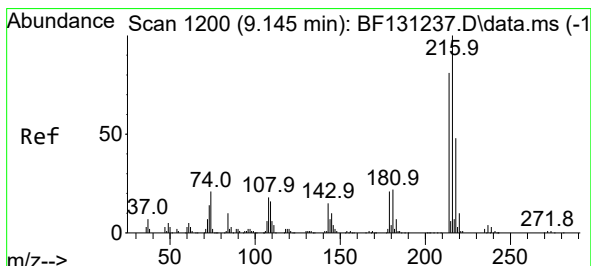
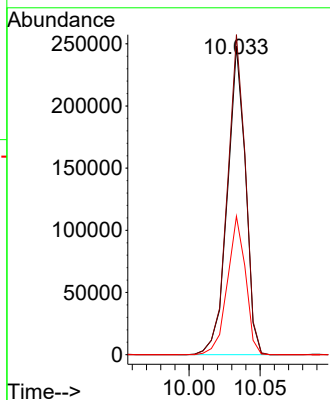
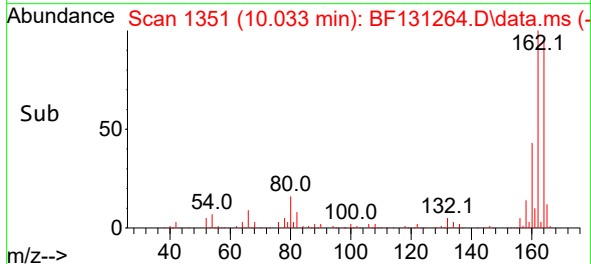
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



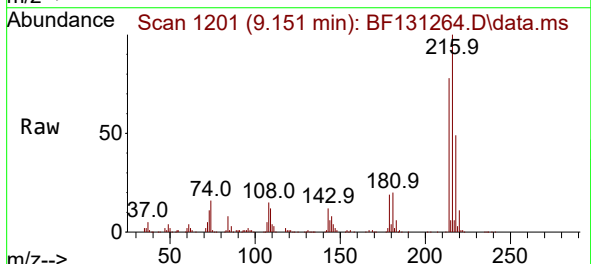
Tgt Ion:164 Resp: 22028
Ion Ratio Lower Upper
164 100
162 103.8 82.1 123.1
160 44.9 36.2 54.4

Manual Integrations
APPROVED

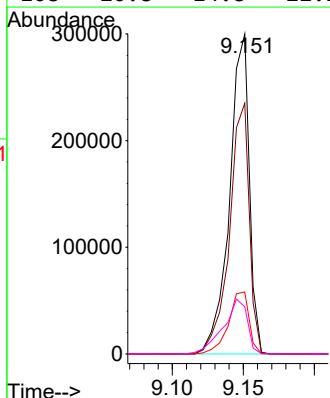
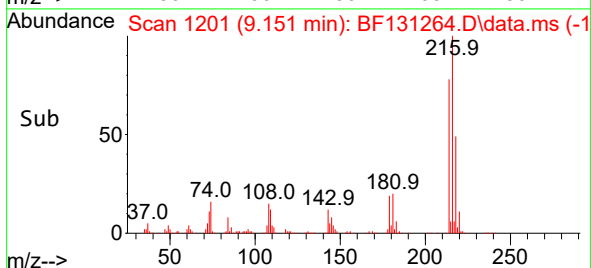
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

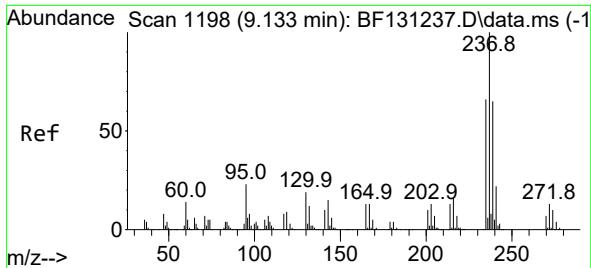


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.879 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



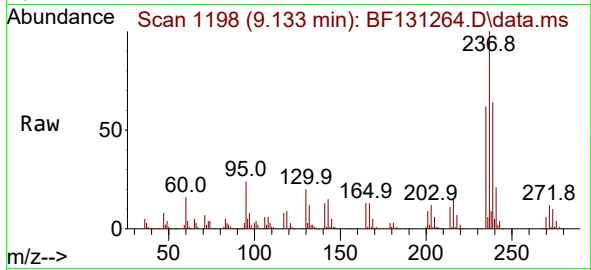
Tgt Ion:216 Resp: 289940
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 20.3 16.5 24.7
108 20.8 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 100.290 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

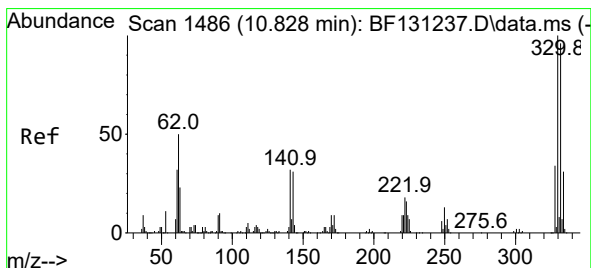
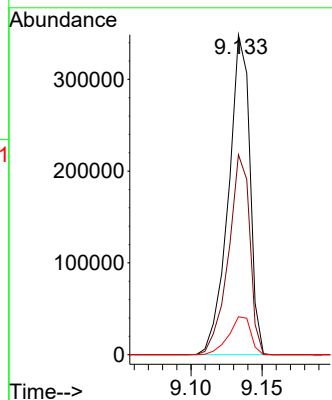
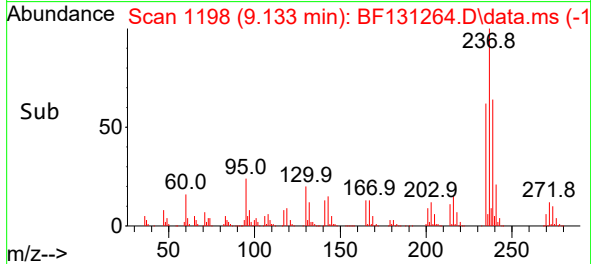
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



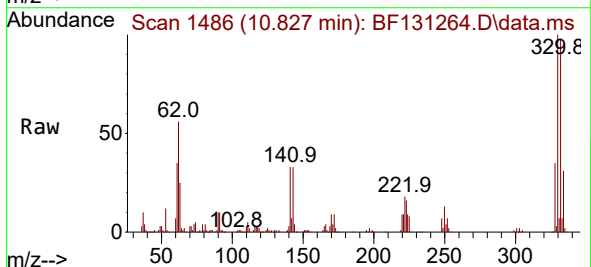
Tgt Ion:237 Resp: 36458
Ion Ratio Lower Upper
237 100
235 62.5 45.6 85.6
272 11.8 0.0 32.6

Manual Integrations
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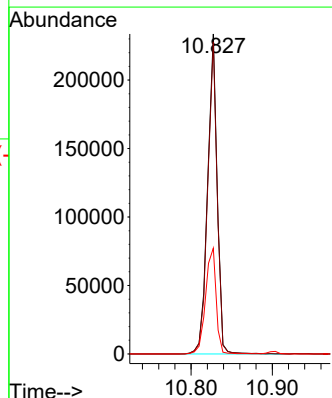
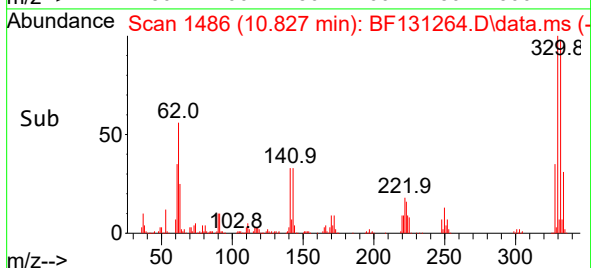
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

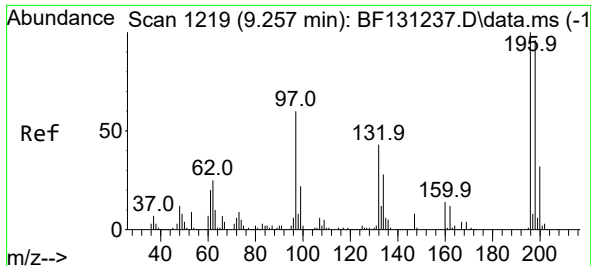


#42
2,4,6-Tribromophenol
Concen: 90.527 ng
RT: 10.827 min Scan# 1486
Delta R.T. -0.001 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:330 Resp: 190487
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 36.7 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 42.013 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF131264.D

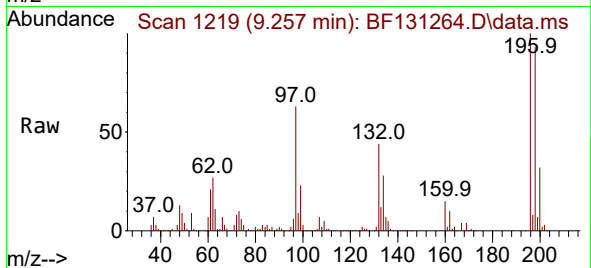
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD



Tgt Ion:196 Resp: 194810

Ion Ratio Lower Upper

196 100

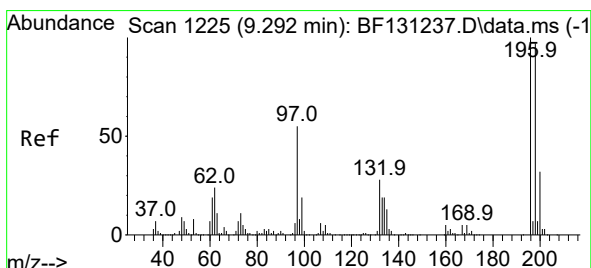
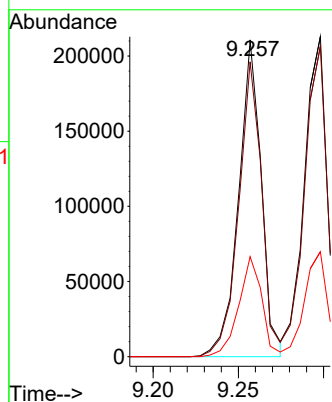
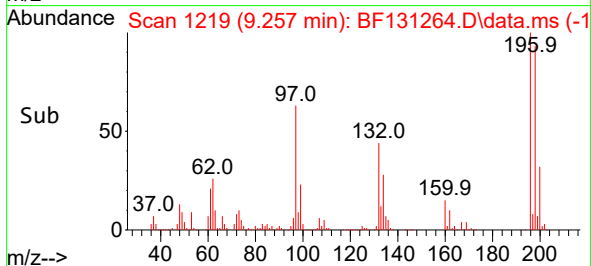
198 93.1 76.5 114.7

200 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#44

2,4,5-Trichlorophenol

Concen: 39.938 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

Tgt Ion:196 Resp: 198737

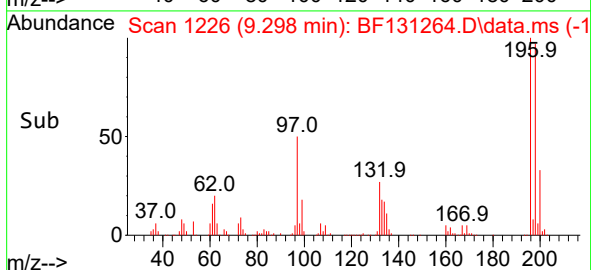
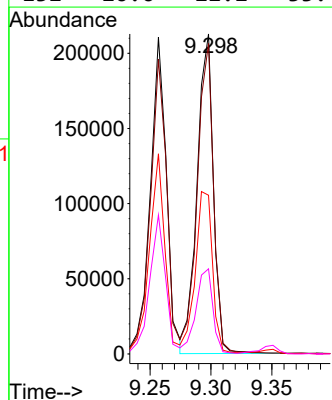
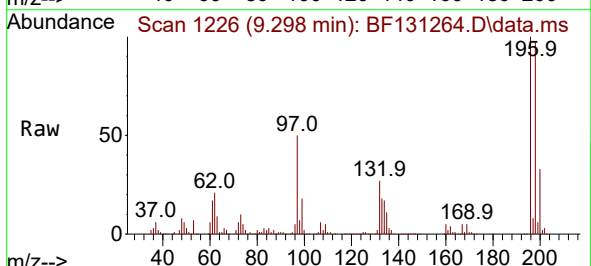
Ion Ratio Lower Upper

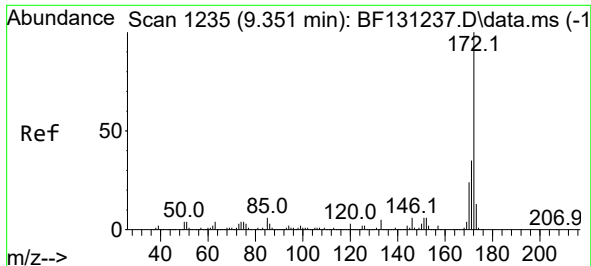
196 100

198 97.0 77.0 115.6

97 49.6 44.3 66.5

132 26.6 22.2 33.4





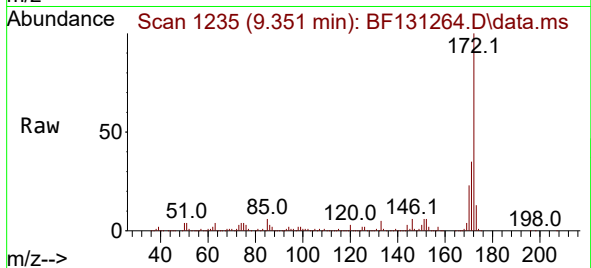
#45
2-Fluorobiphenyl
Concen: 81.419 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

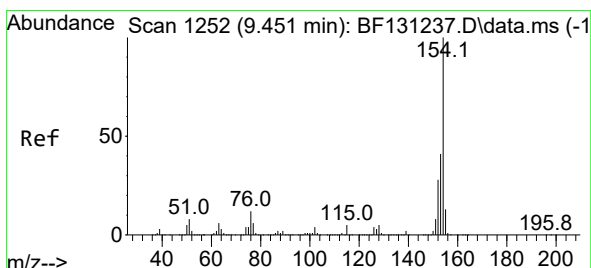
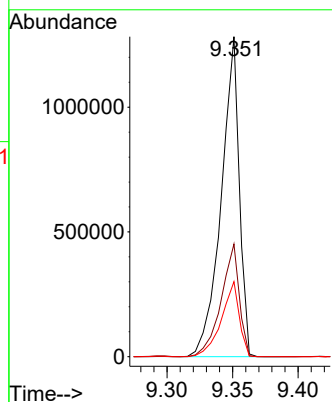
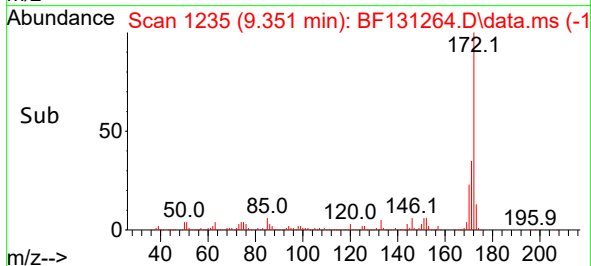


Tgt Ion:172 Resp: 1225602
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.8 28.2

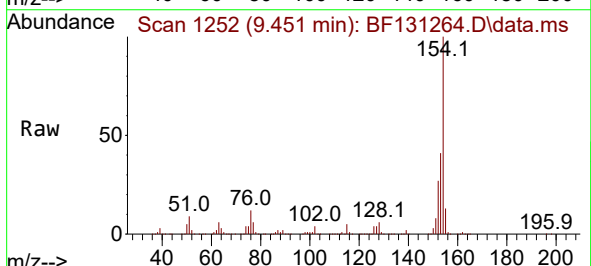
Manual Integrations

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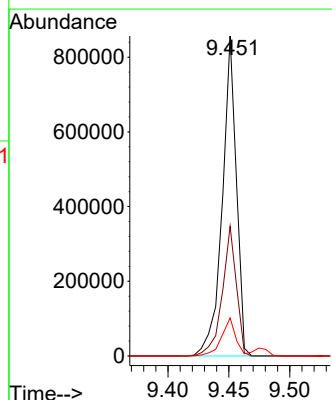
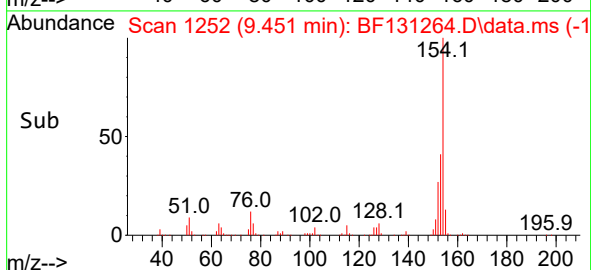
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

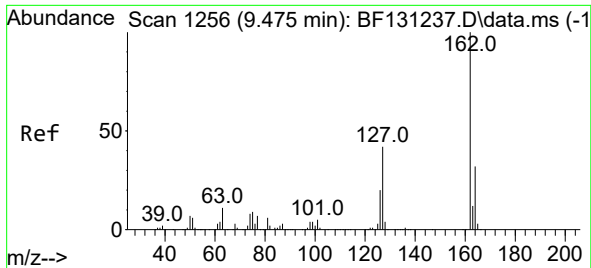


#46
1,1'-Biphenyl
Concen: 40.781 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



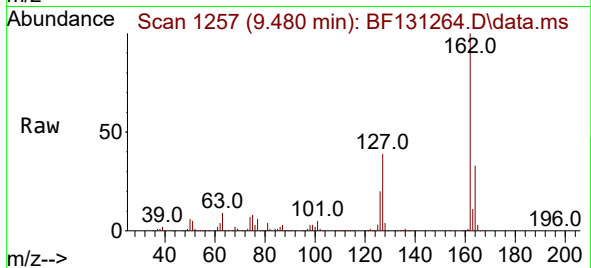
Tgt Ion:154 Resp: 690605
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.9 0.0 31.6





#47
2-Chloronaphthalene
Concen: 39.724 ng
RT: 9.480 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

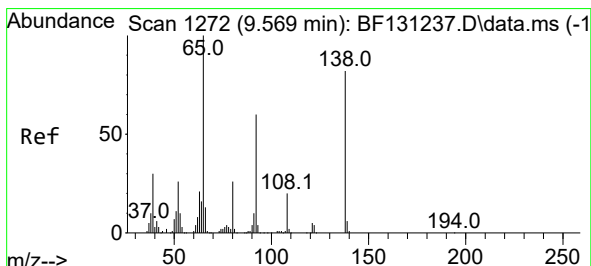
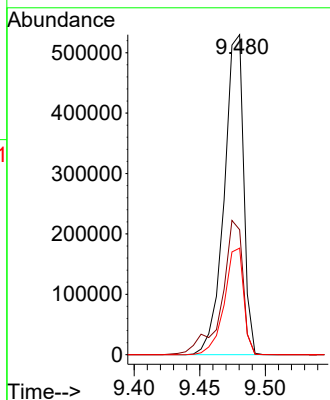
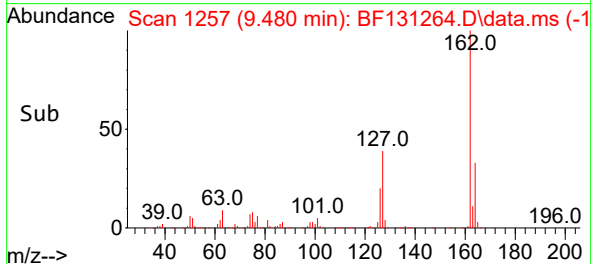
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



Tgt Ion:162 Resp: 544952
Ion Ratio Lower Upper
162 100
127 39.1 34.1 51.1
164 33.3 25.9 38.9

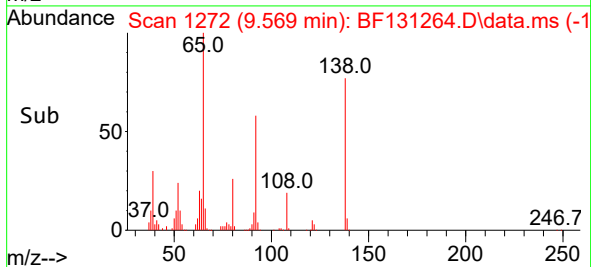
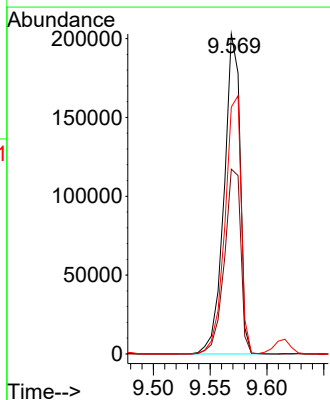
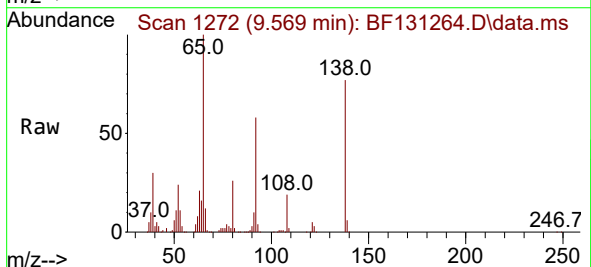
Manual Integrations
APPROVED

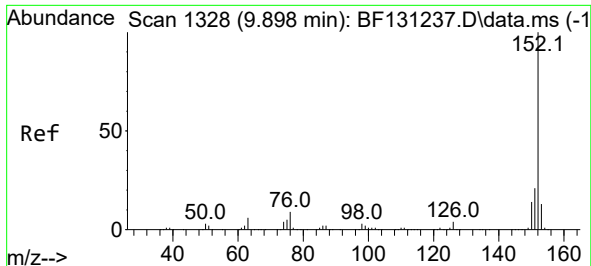
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 45.408 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Tgt Ion: 65 Resp: 198835
Ion Ratio Lower Upper
65 100
92 57.8 48.2 72.2
138 77.1 65.8 98.8





#49

Acenaphthylene

Concen: 40.077 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF131264.D

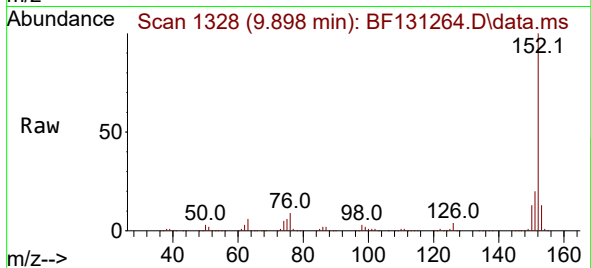
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

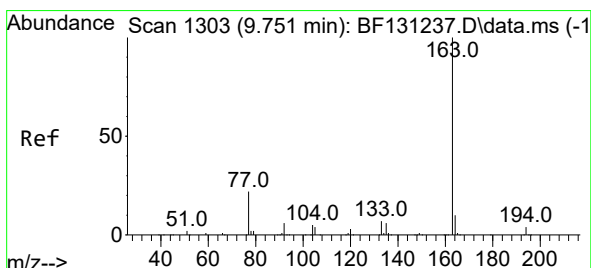
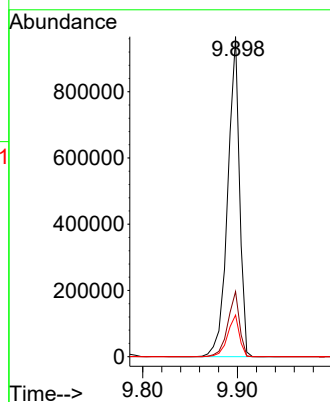
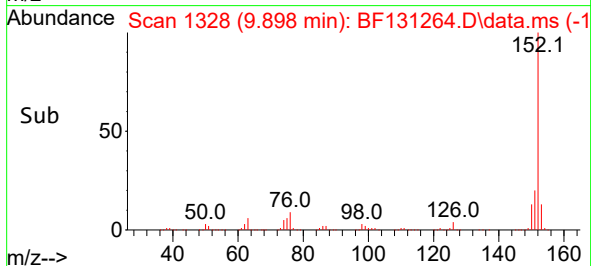


Tgt Ion:	152	Resp:	83954
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.0	10.5	15.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#50

Dimethylphthalate

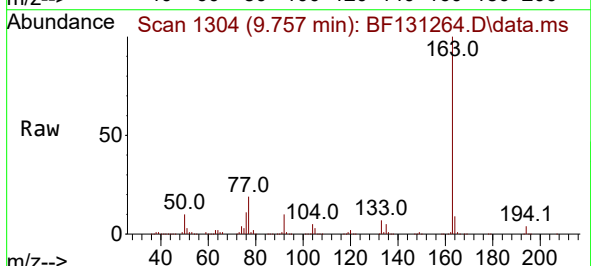
Concen: 39.887 ng

RT: 9.757 min Scan# 1304

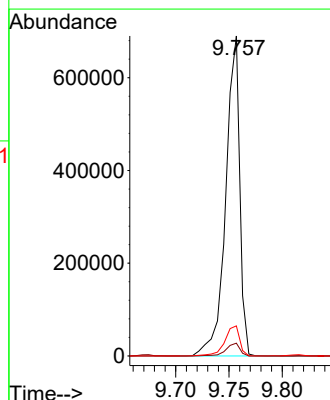
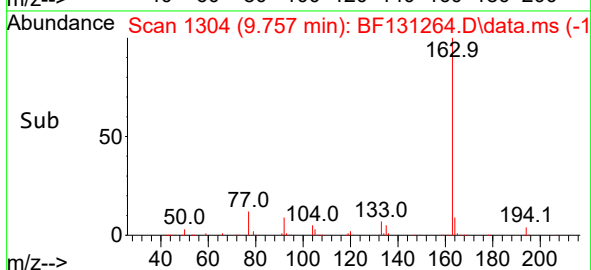
Delta R.T. 0.006 min

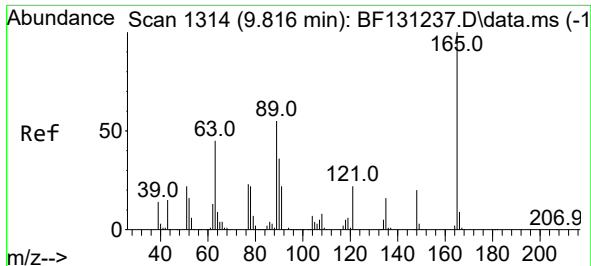
Lab File: BF131264.D

Acq: 16 Nov 2022 14:33



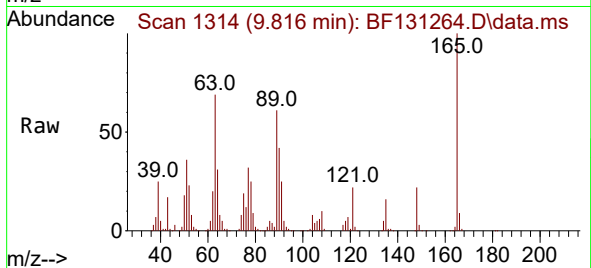
Tgt Ion:	163	Resp:	629181
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.4	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 43.853 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

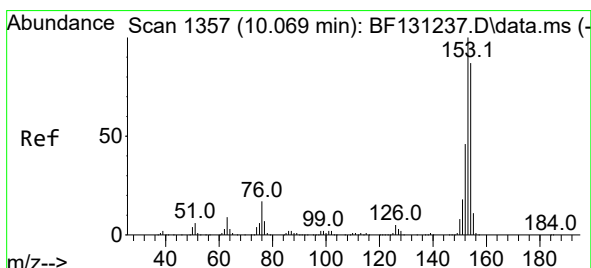
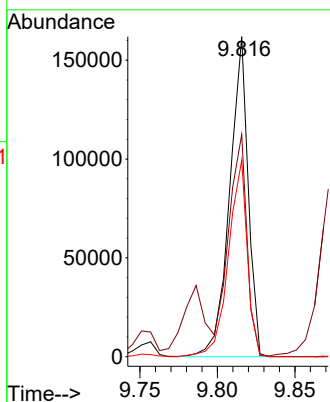
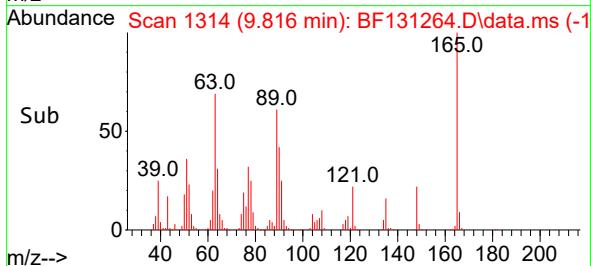
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



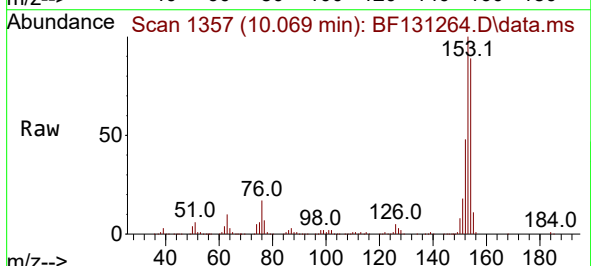
Tgt Ion:165 Resp: 134844
Ion Ratio Lower Upper
165 100
63 69.4 49.8 74.6
89 61.5 44.5 66.7

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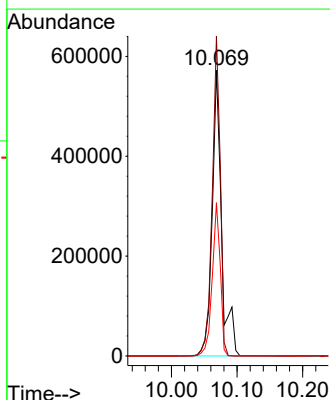
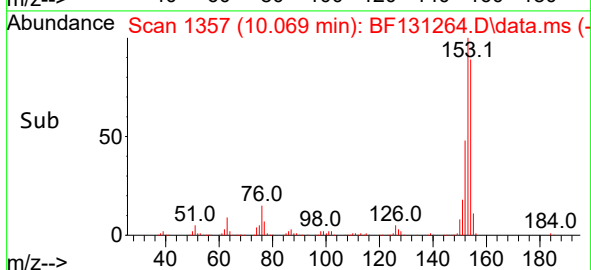
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

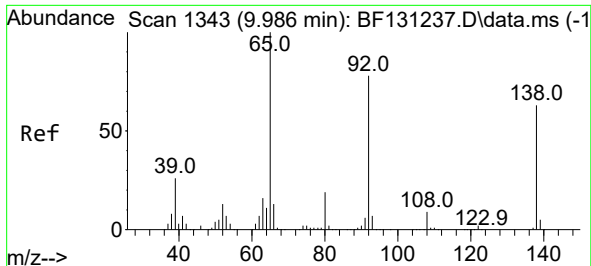


#52
Acenaphthene
Concen: 43.680 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:154 Resp: 571158
Ion Ratio Lower Upper
154 100
153 112.0 91.4 137.2
152 53.7 42.4 63.6





#53
3-Nitroaniline
Concen: 29.266 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

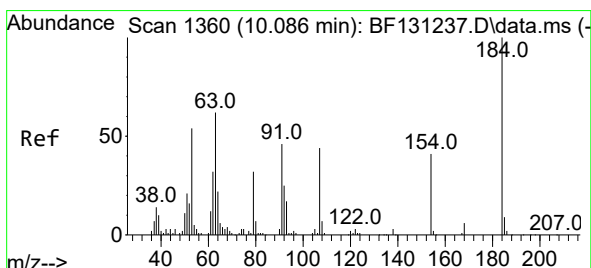
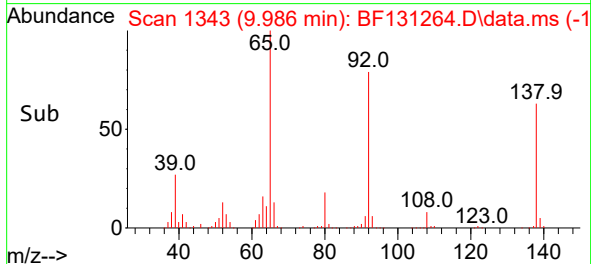
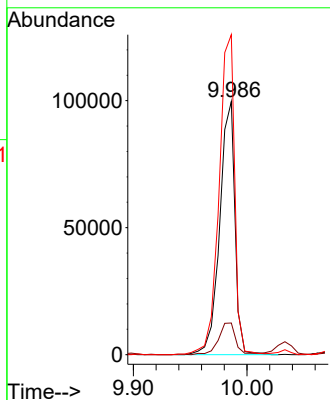
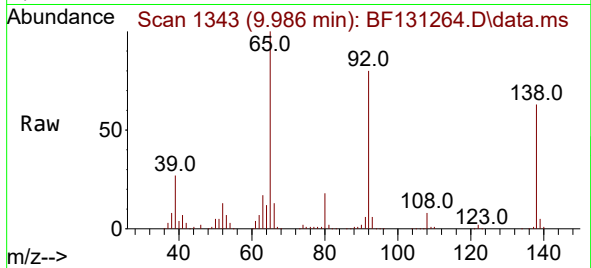
ClientSampleId :

PB149098BSD

Tgt Ion:138 Resp: 9296
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.2
92 126.4 98.6 148.0

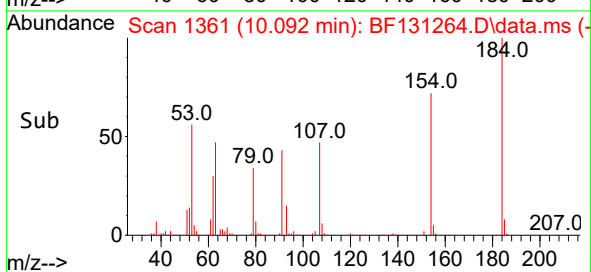
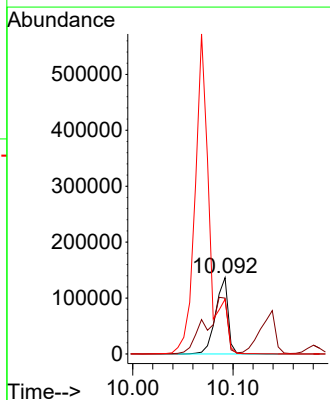
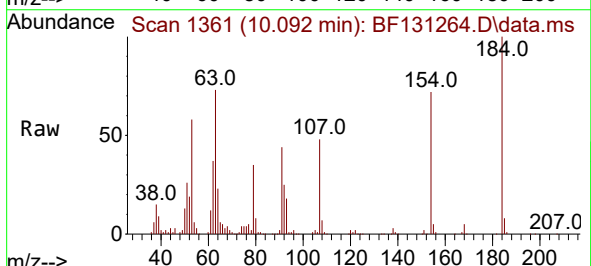
Manual Integrations
APPROVED

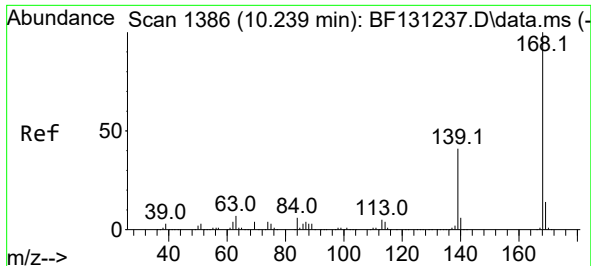
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 83.090 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

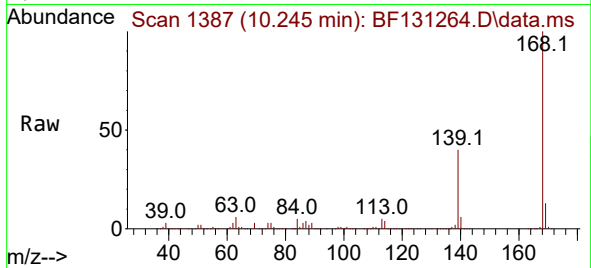
Tgt Ion:184 Resp: 118209
Ion Ratio Lower Upper
184 100
63 73.2 52.5 78.7
154 71.7 54.0 81.0





#55
Dibenzenofuran
Concen: 39.170 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

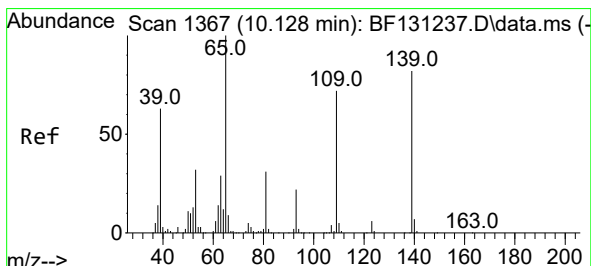
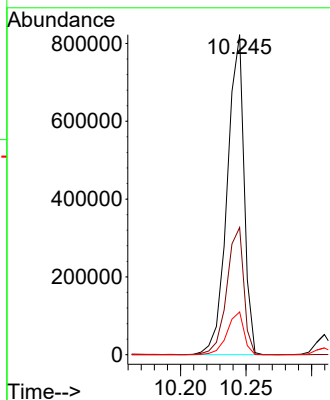
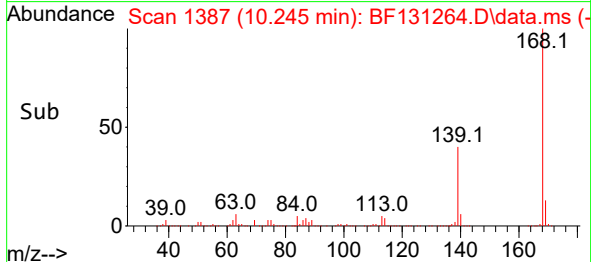
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



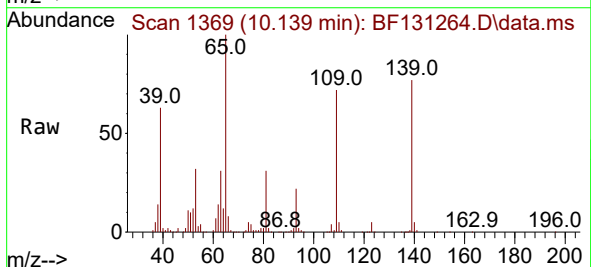
Tgt Ion:168 Resp: 733820
Ion Ratio Lower Upper
168 100
139 39.7 32.9 49.3
169 13.4 10.8 16.2

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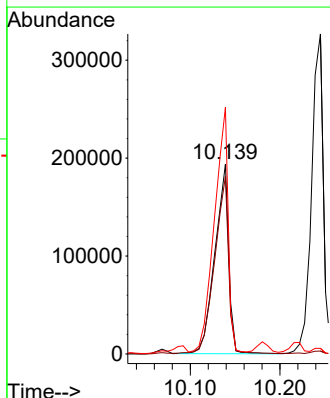
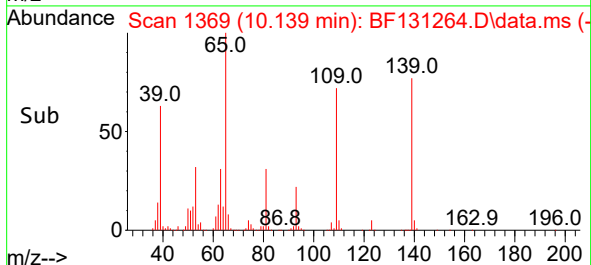
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

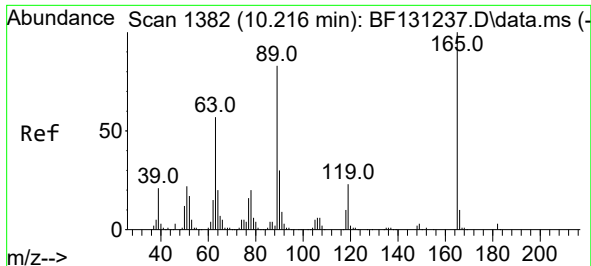


#56
4-Nitrophenol
Concen: 83.913 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



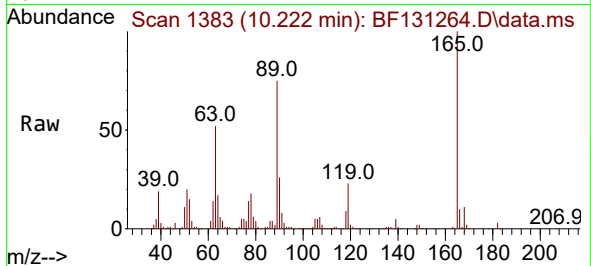
Tgt Ion:139 Resp: 208265
Ion Ratio Lower Upper
139 100
109 93.5 68.1 108.1
65 129.9 101.6 141.6





#57
2,4-Dinitrotoluene
Concen: 44.568 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

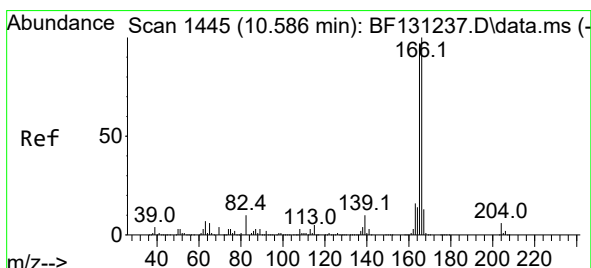
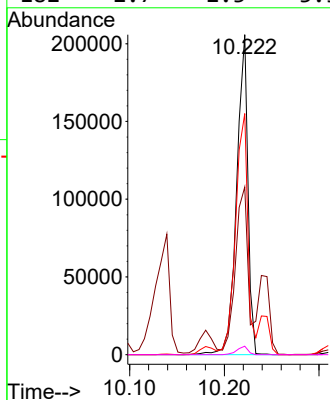
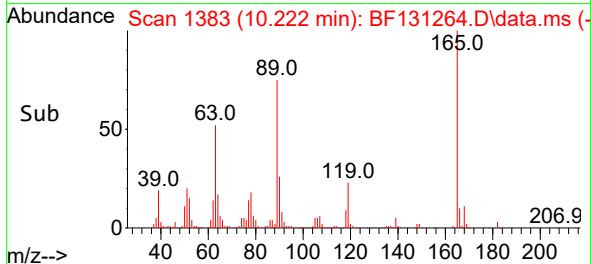
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



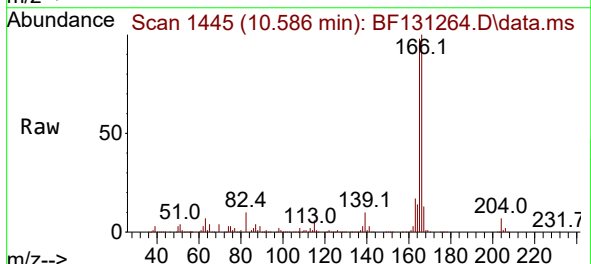
Tgt Ion:165 Resp: 169928
Ion Ratio Lower Upper
165 100
63 52.4 46.0 69.0
89 75.4 66.2 99.4
182 2.7 2.3 3.5

Manual Integrations
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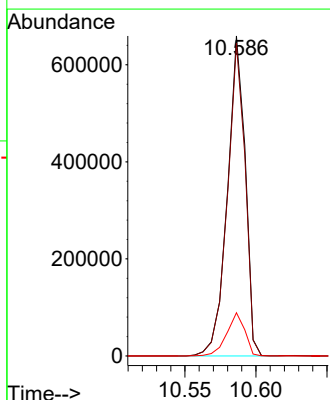
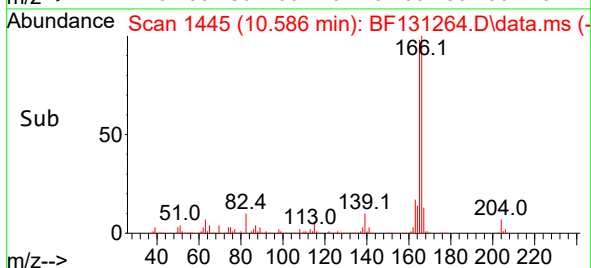
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

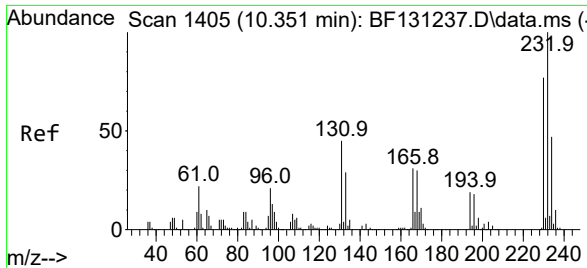


#58
Fluorene
Concen: 39.045 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



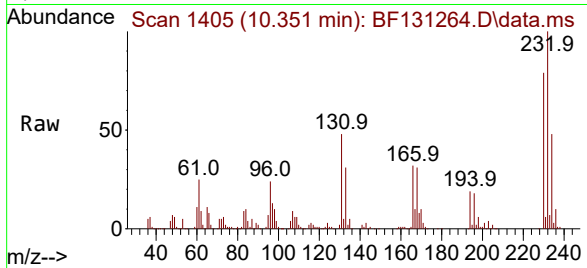
Tgt Ion:166 Resp: 575600
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.294 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

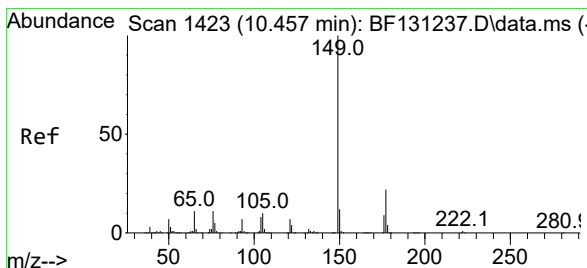
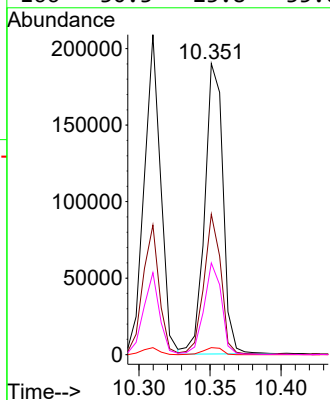
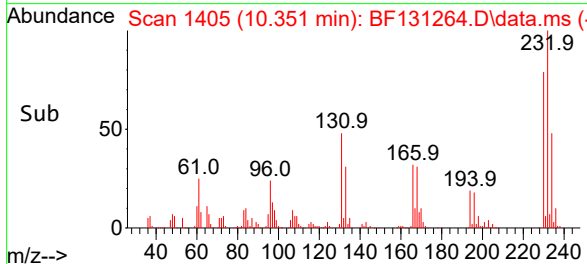
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



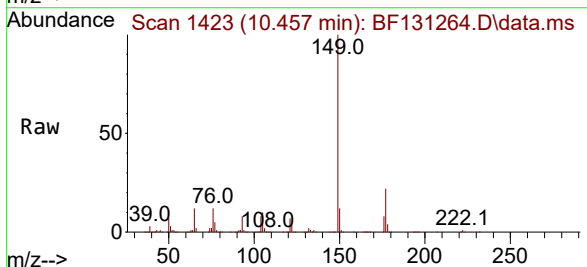
Tgt Ion:232 Resp: 169862
Ion Ratio Lower Upper
232 100
131 45.1 34.6 51.8
130 2.5 1.9 2.9
166 30.3 23.8 35.6

Manual Integrations
APPROVED

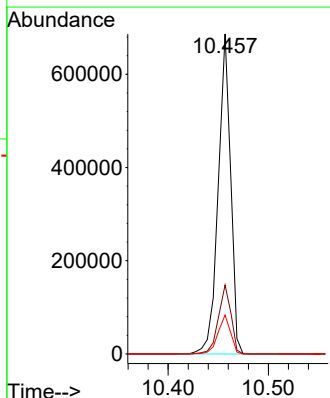
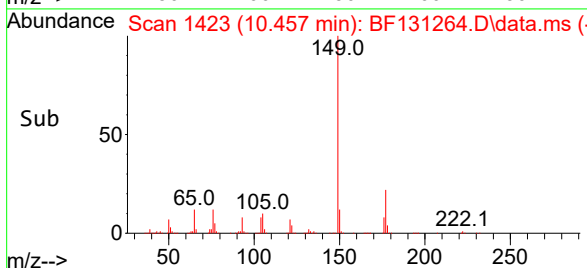
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

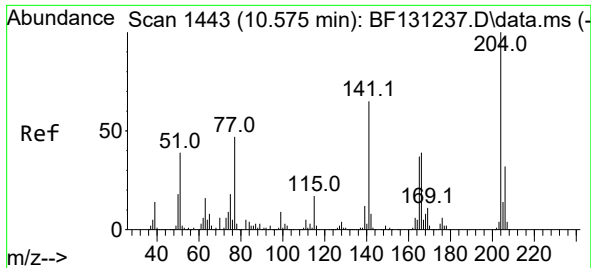


#60
Diethylphthalate
Concen: 39.446 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



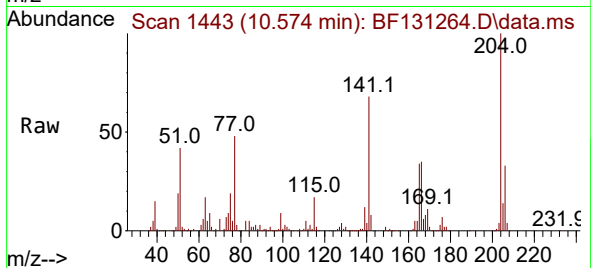
Tgt Ion:149 Resp: 588166
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.081 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

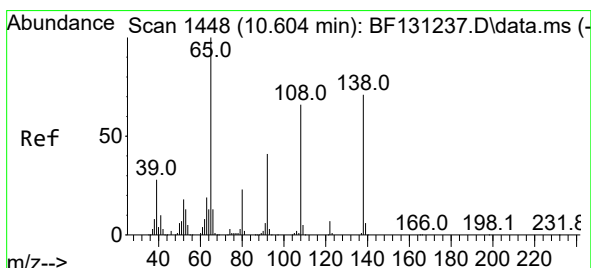
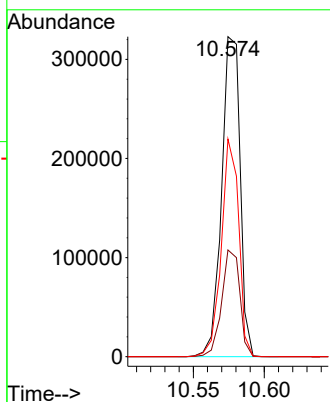
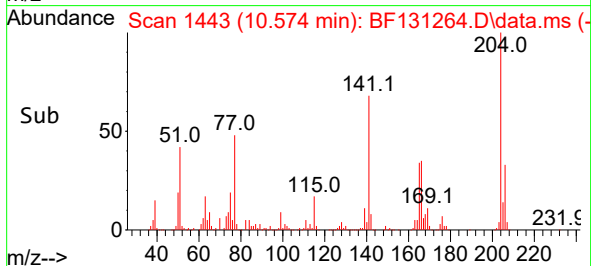
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



Tgt Ion:204 Resp: 292168
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 68.0 52.1 78.1

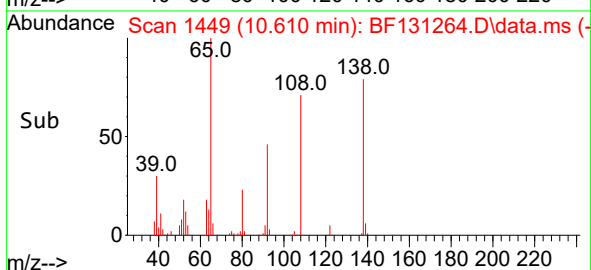
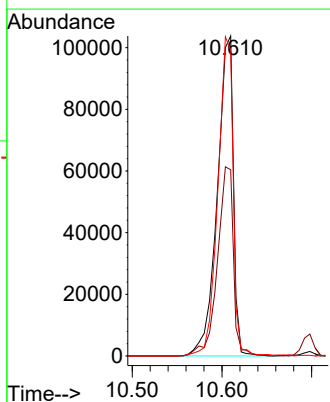
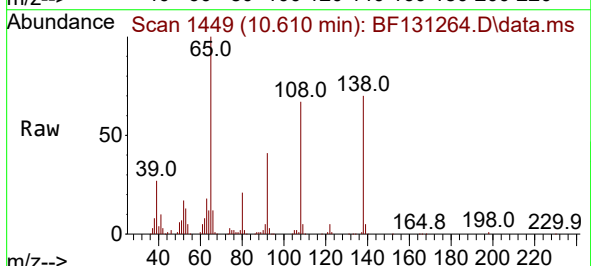
Manual Integrations
APPROVED

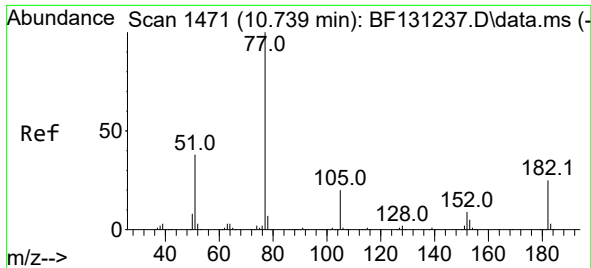
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#62
4-Nitroaniline
Concen: 40.141 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

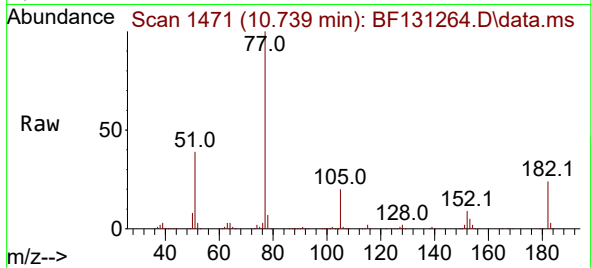
Tgt Ion:138 Resp: 129477
Ion Ratio Lower Upper
138 100
92 58.2 37.6 77.6
108 95.4 73.2 113.2





#63
Azobenzene
Concen: 38.739 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

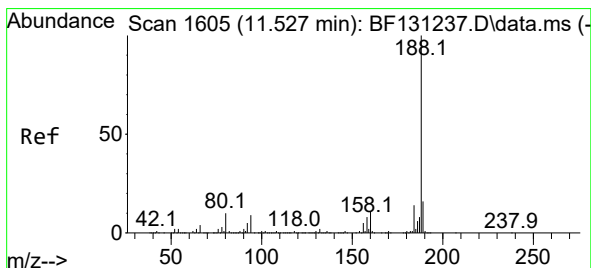
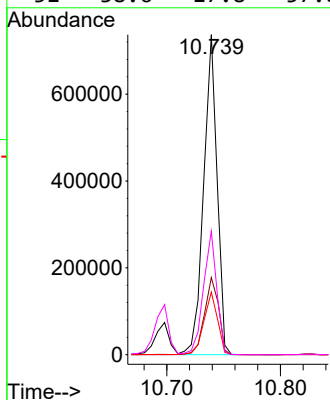
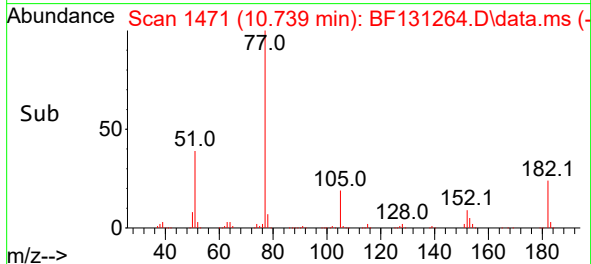
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



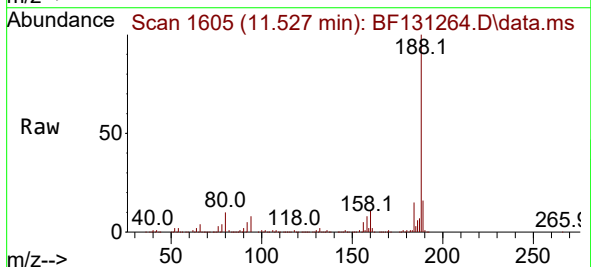
Tgt Ion: 77 Resp: 604768
Ion Ratio Lower Upper
77 100
182 24.1 5.0 45.0
105 19.5 0.1 40.1
51 38.6 17.8 57.8

Manual Integrations
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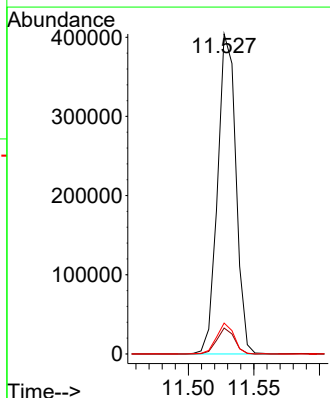
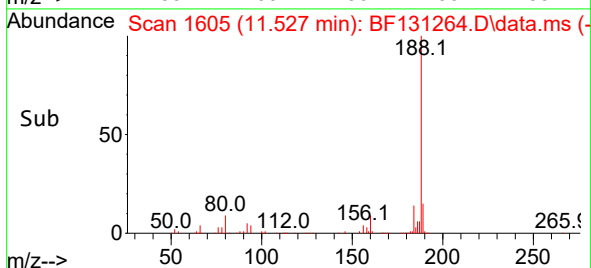
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

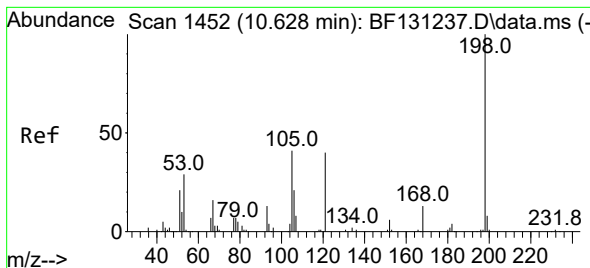


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:188 Resp: 392768
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.6 8.0 12.0





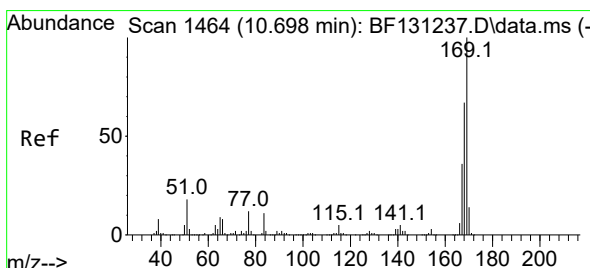
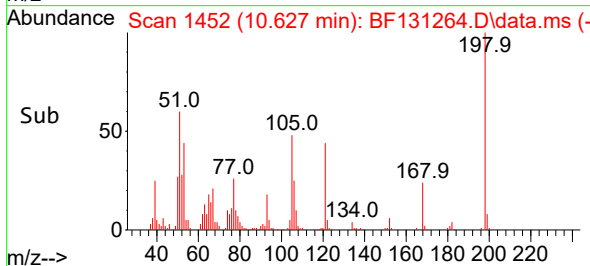
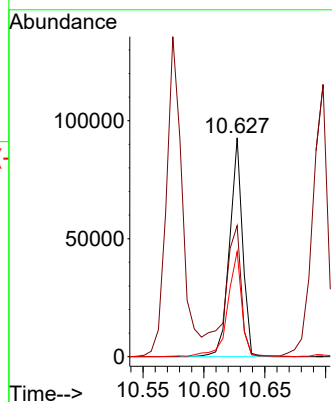
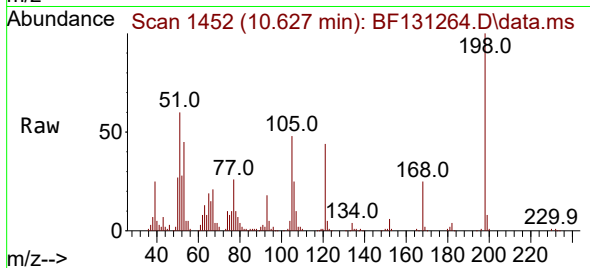
#65
4,6-Dinitro-2-methylphenol
Concen: 40.541 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB149098BSD

Tgt Ion:198 Resp: 68990
Ion Ratio Lower Upper
198 100
51 59.9 29.4 69.4
105 48.1 22.2 62.2

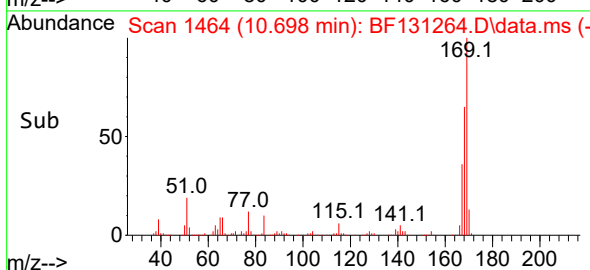
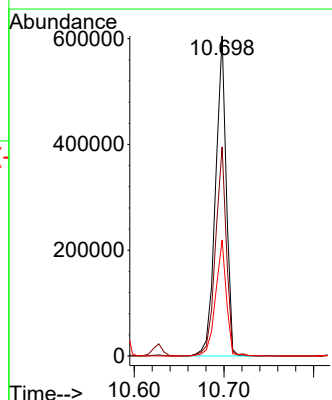
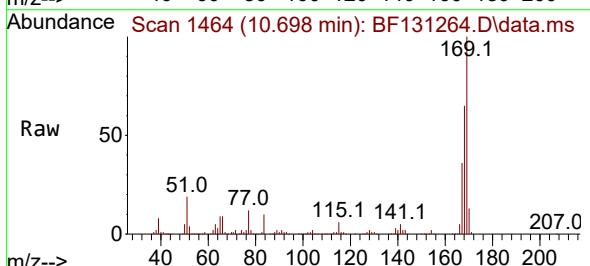
Manual Integrations
APPROVED

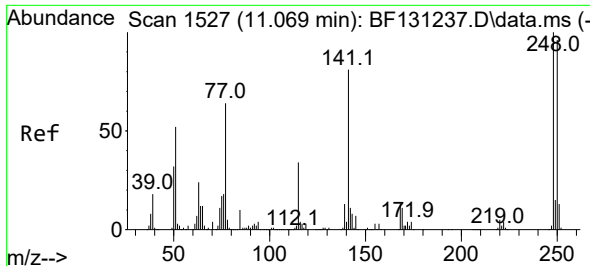
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 40.329 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

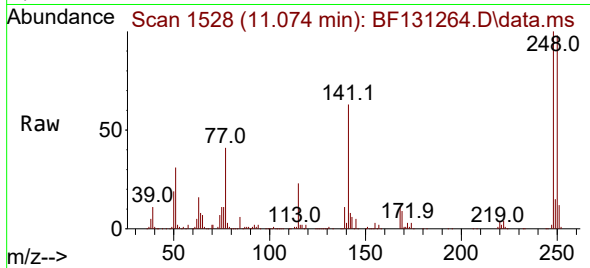
Tgt Ion:169 Resp: 503248
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.847 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

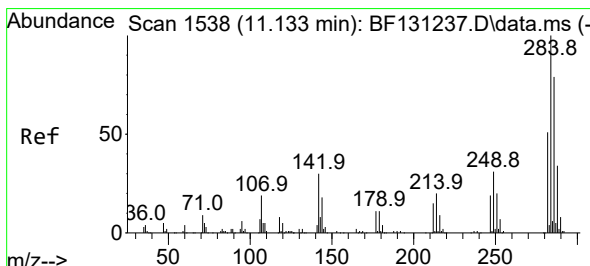
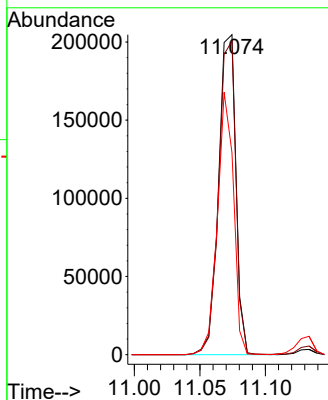
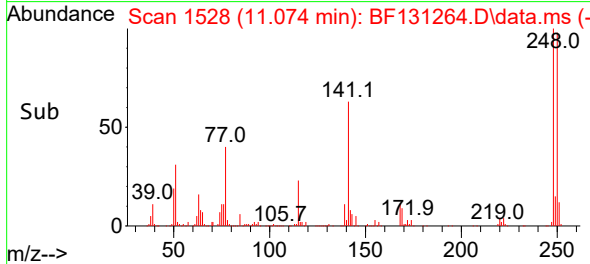
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



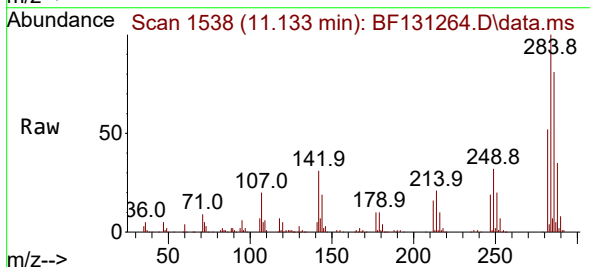
Tgt Ion:248 Resp: 188372
Ion Ratio Lower Upper
248 100
250 98.0 76.6 114.8
141 63.1 64.7 97.1

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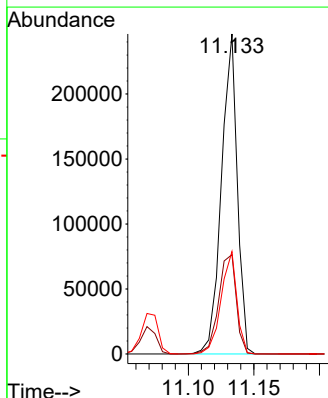
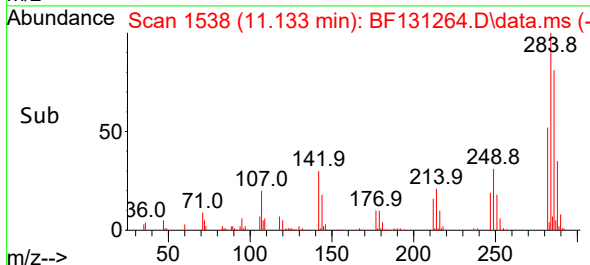
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

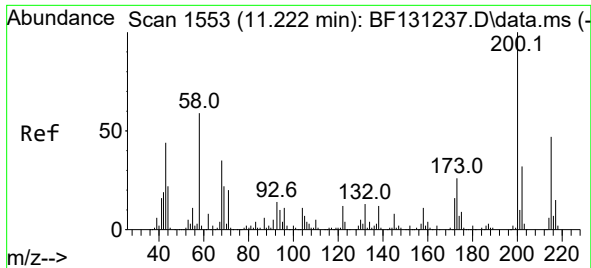


#68
Hexachlorobenzene
Concen: 41.258 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



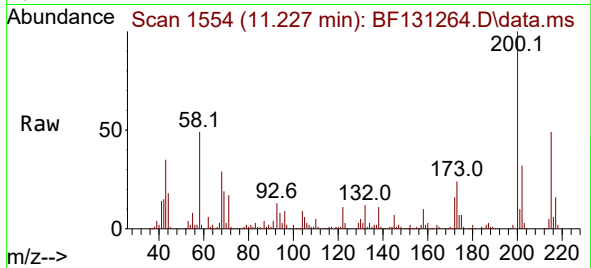
Tgt Ion:284 Resp: 206198
Ion Ratio Lower Upper
284 100
142 31.1 24.3 36.5
249 32.0 24.8 37.2





#69
Atrazine
Concen: 43.682 ng
RT: 11.227 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

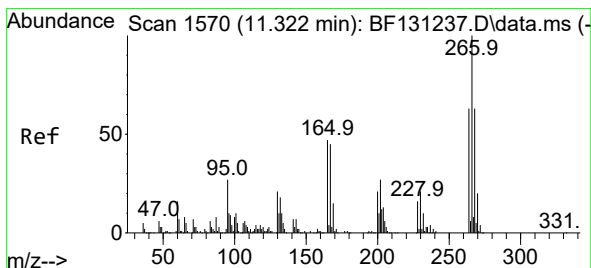
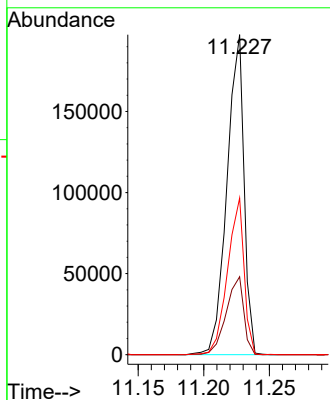
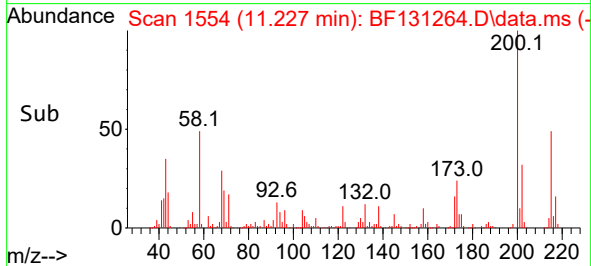
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



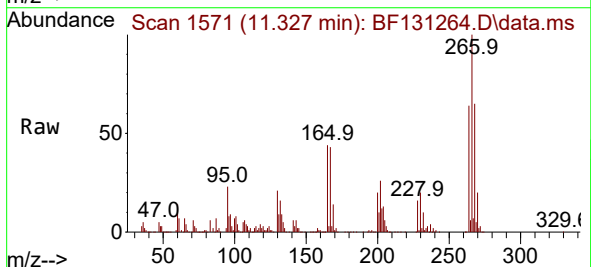
Tgt Ion:200 Resp: 178672
Ion Ratio Lower Upper
200 100
173 24.4 6.4 46.4
215 49.0 26.5 66.5

Manual Integrations
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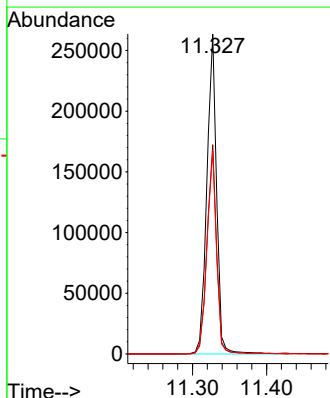
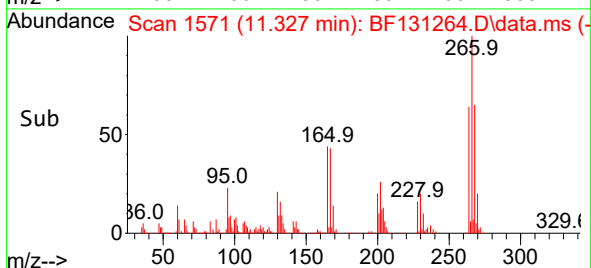
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

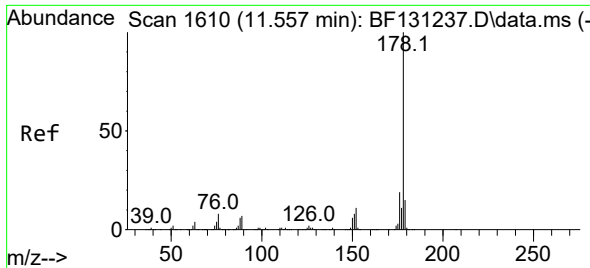


#70
Pentachlorophenol
Concen: 82.584 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:266 Resp: 240906
Ion Ratio Lower Upper
266 100
268 65.4 50.5 75.7
264 63.6 50.4 75.6





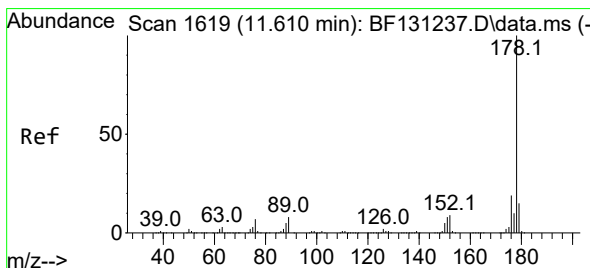
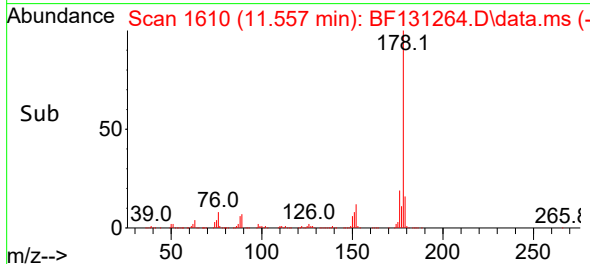
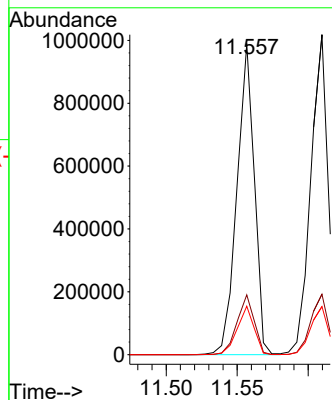
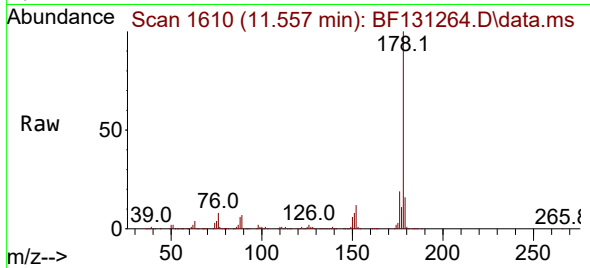
#71
Phenanthrene
Concen: 39.086 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB149098BSD

Tgt Ion:178 Resp: 84723
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.1 18.1

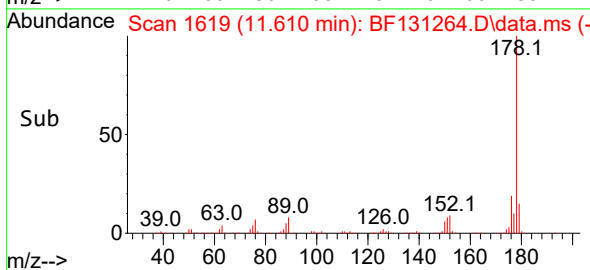
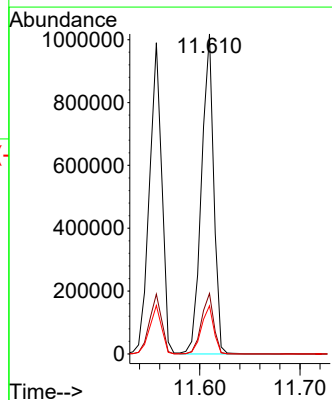
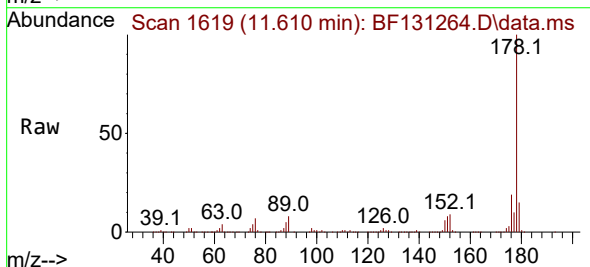
Manual Integrations
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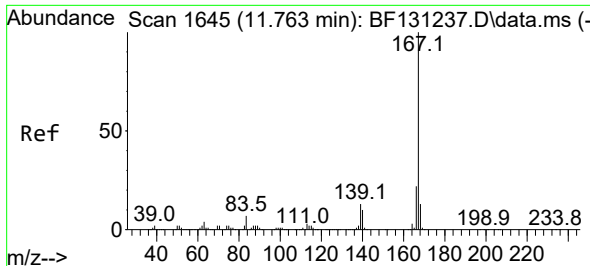
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#72
Anthracene
Concen: 40.929 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

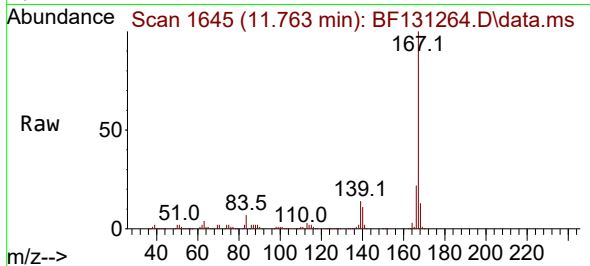
Tgt Ion:178 Resp: 866661
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.0 12.2 18.2





#73
 Carbazole
 Concen: 40.253 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BF131264.D
 Acq: 16 Nov 2022 14:33

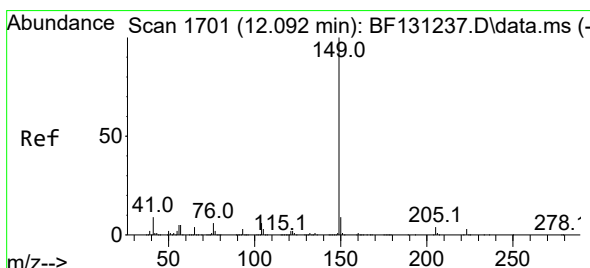
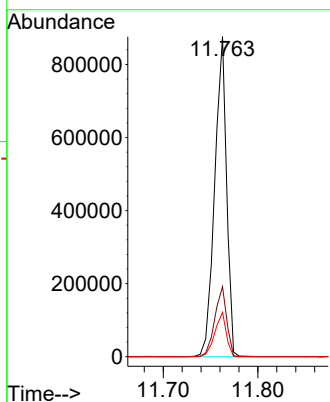
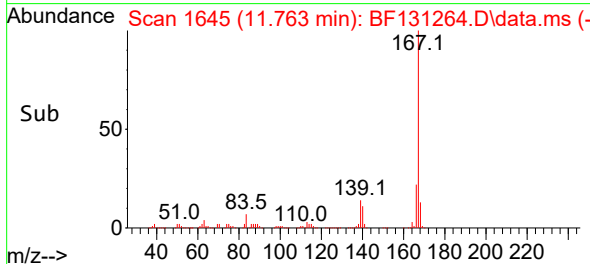
Instrument :
 BNA_F
 ClientSampleId :
 PB149098BSD



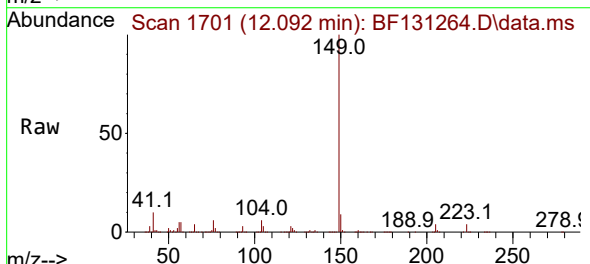
Tgt Ion:167 Resp: 76296
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.8 10.3 15.5

Manual Integrations
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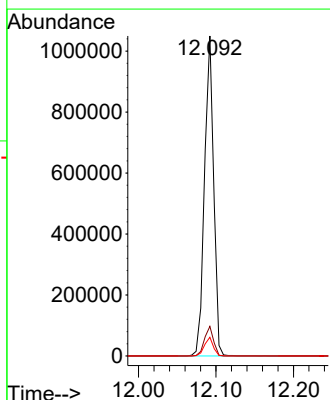
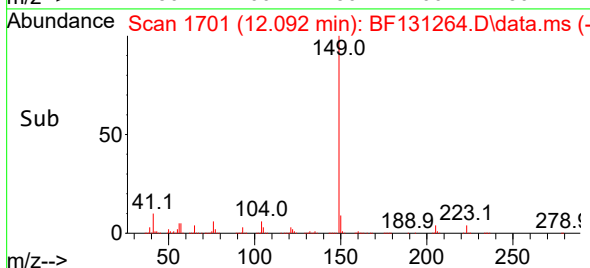
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

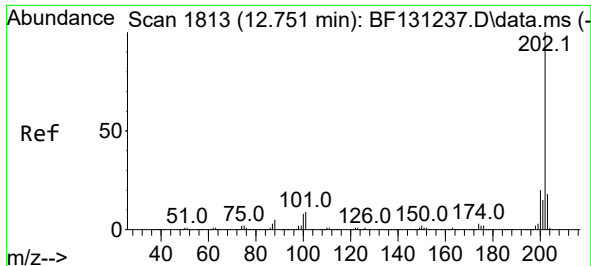


#74
 Di-n-butylphthalate
 Concen: 38.994 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: BF131264.D
 Acq: 16 Nov 2022 14:33



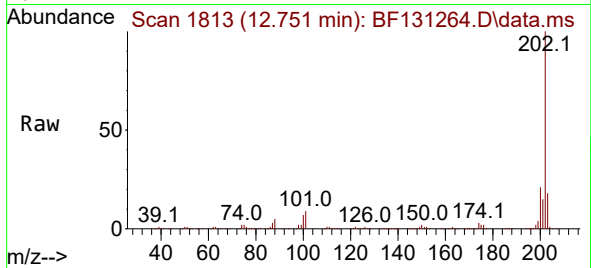
Tgt Ion:149 Resp: 860162
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.8 4.5 6.7





#75
Fluoranthene
Concen: 38.949 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

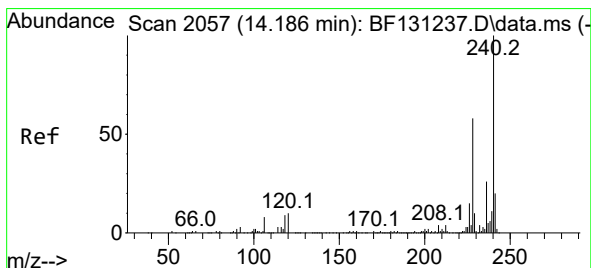
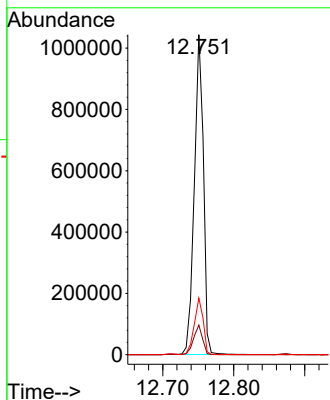
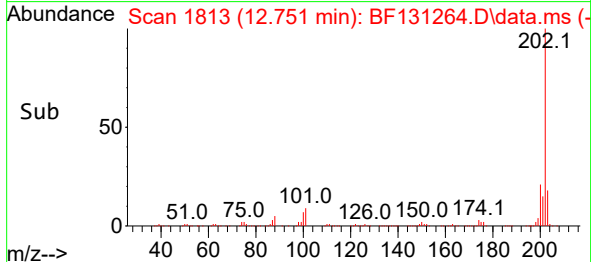
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



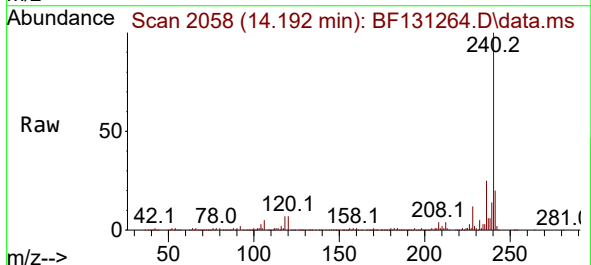
Tgt Ion:202 Resp: 93112
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 17.7 0.0 37.7

Manual Integrations
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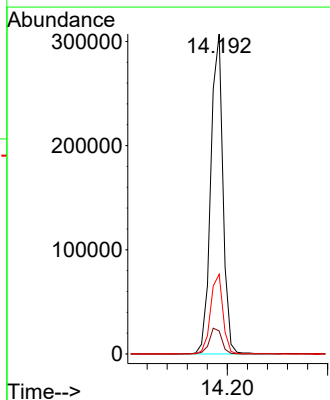
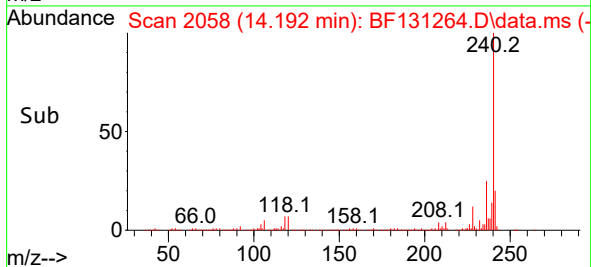
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

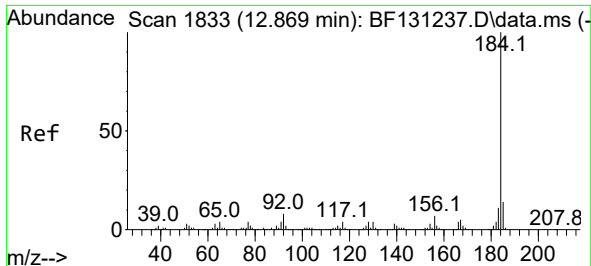


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



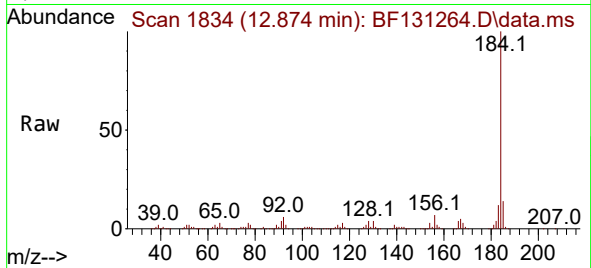
Tgt Ion:240 Resp: 259821
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.6#
236 24.9 20.6 31.0





#77
Benzidine
Concen: 66.075 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.005 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

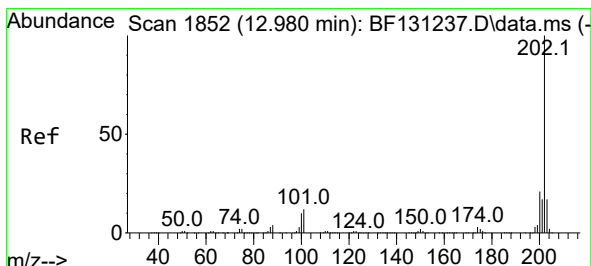
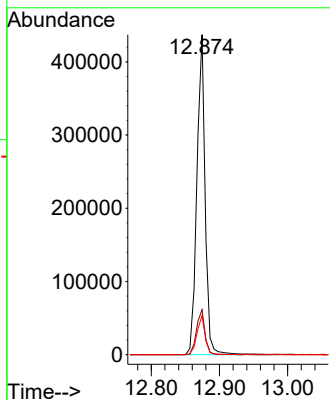
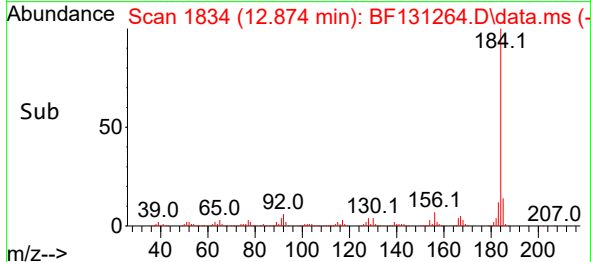
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



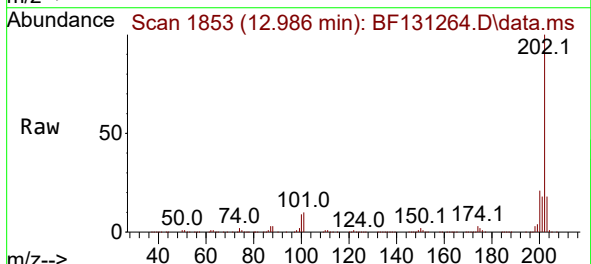
Tgt Ion:184 Resp: 367895
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 12.2 9.0 13.4

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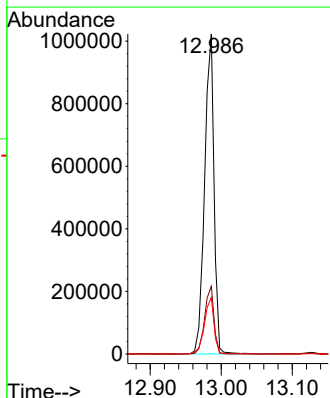
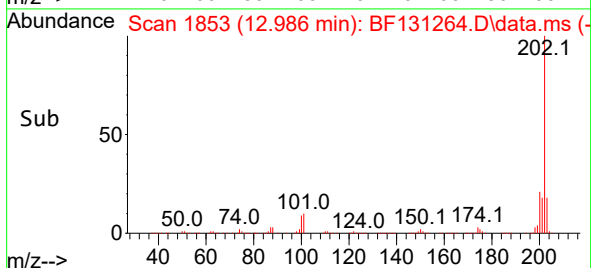
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

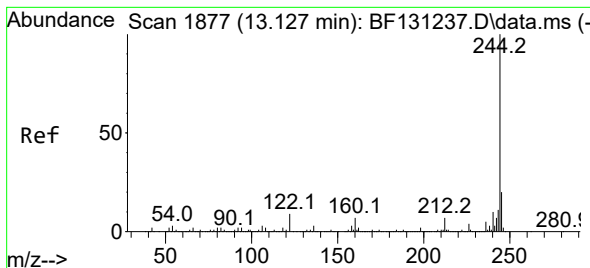


#78
Pyrene
Concen: 42.139 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



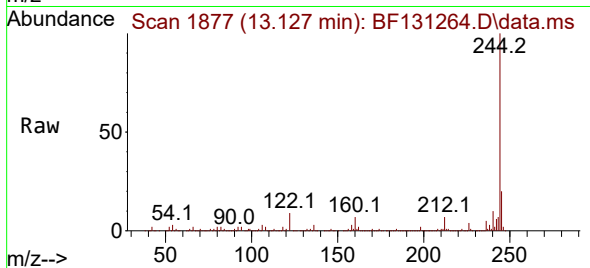
Tgt Ion:202 Resp: 943797
Ion Ratio Lower Upper
202 100
200 21.2 16.4 24.6
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 91.281 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

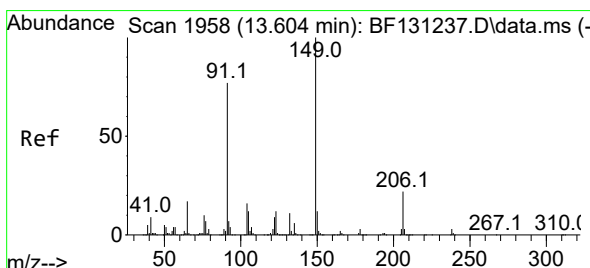
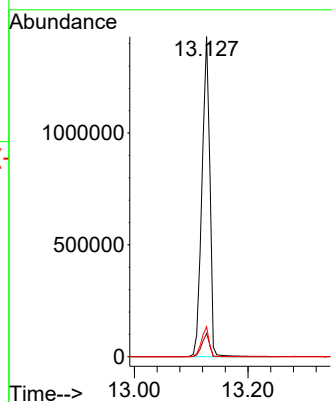
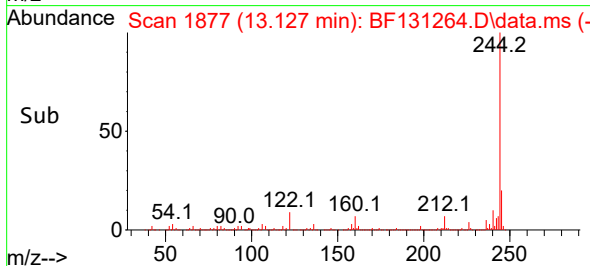
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



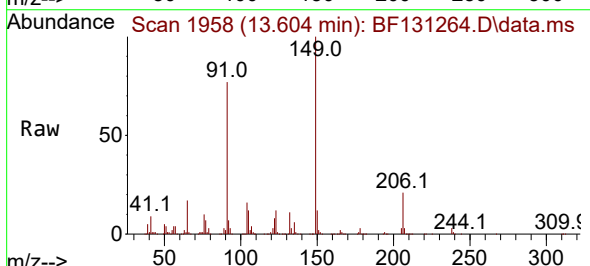
Tgt Ion:244 Resp: 138106
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.4 7.4 11.2

Manual Integrations
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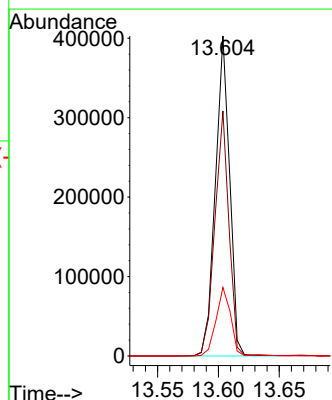
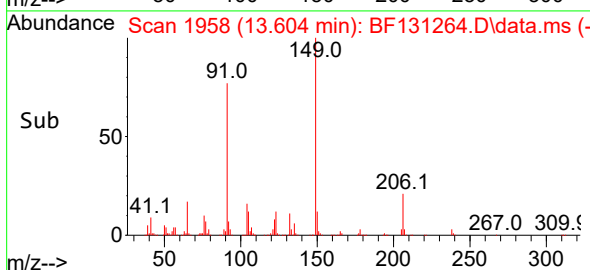
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

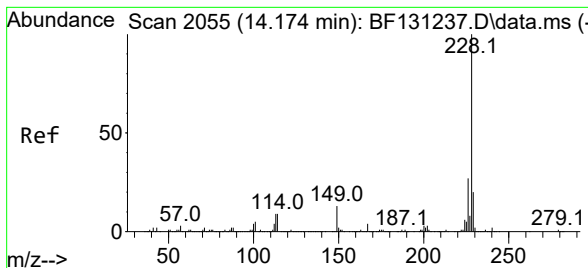


#80
Butylbenzylphthalate
Concen: 43.352 ng
RT: 13.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:149 Resp: 329060
Ion Ratio Lower Upper
149 100
91 76.6 61.5 92.3
206 21.4 17.4 26.2





#81

Benzo(a)anthracene

Concen: 40.119 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

Tgt Ion:228 Resp: 724438

Ion Ratio Lower Upper

228 100

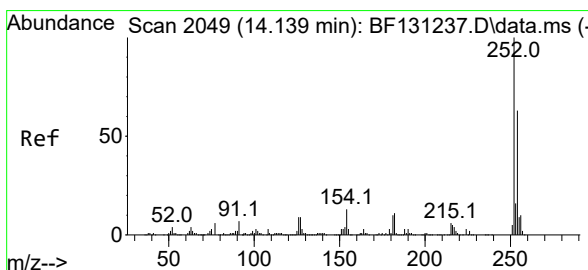
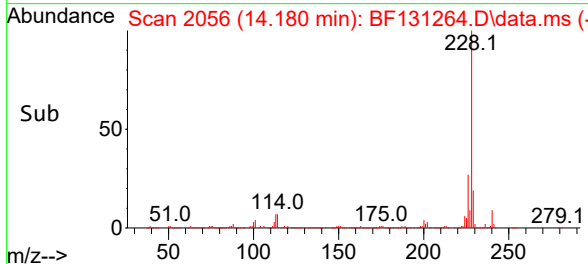
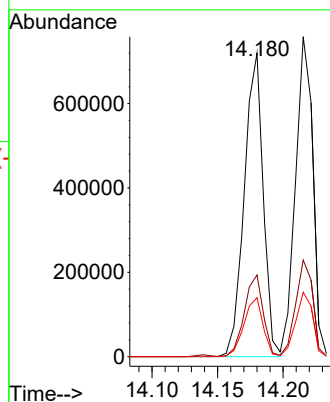
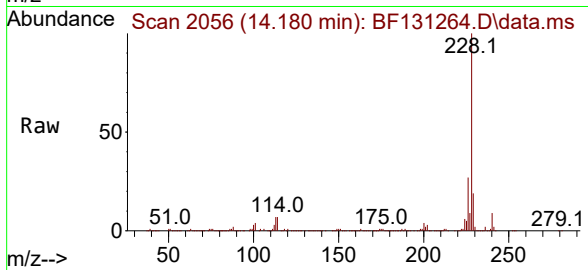
226 26.9 21.3 31.9

229 19.5 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#82

3,3'-Dichlorobenzidine

Concen: 37.082 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

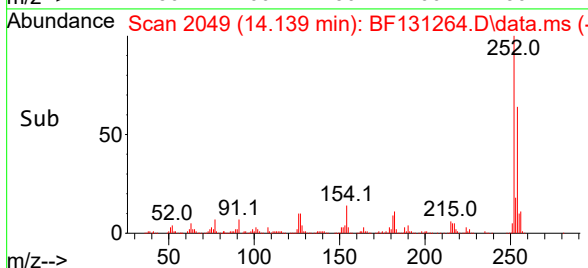
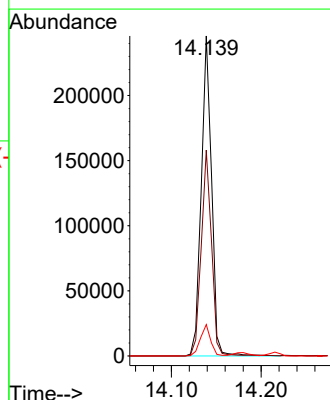
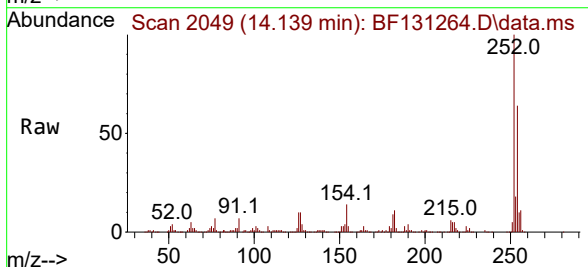
Tgt Ion:252 Resp: 195931

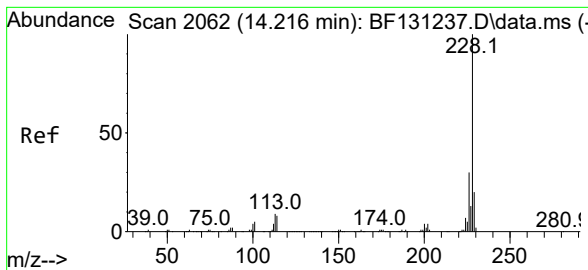
Ion Ratio Lower Upper

252 100

254 64.4 50.2 75.4

126 9.8 7.4 11.2





#83

Chrysene

Concen: 39.396 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

Tgt Ion:228 Resp: 69302

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

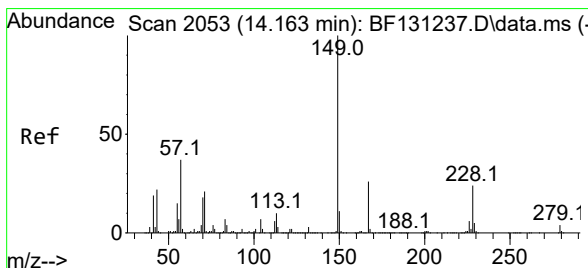
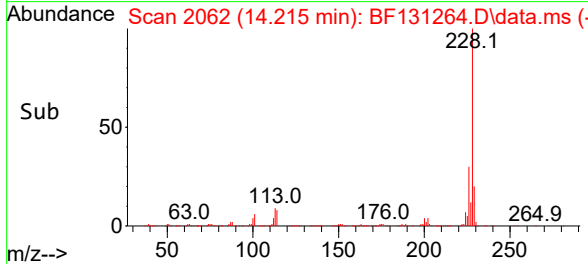
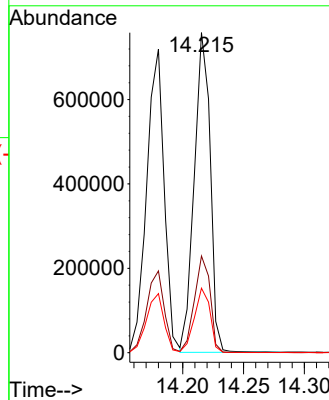
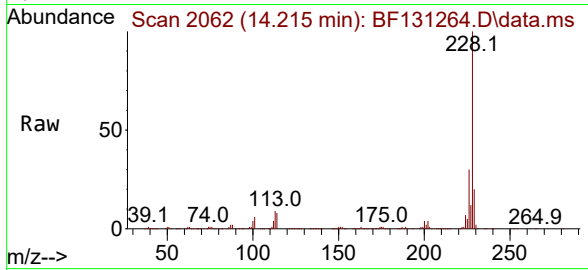
229 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.206 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

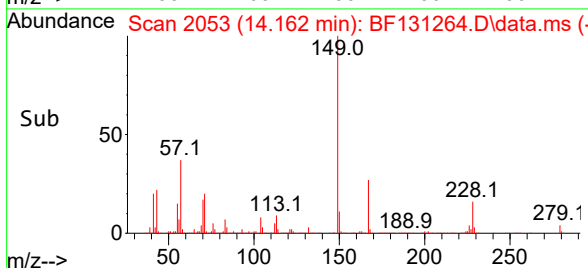
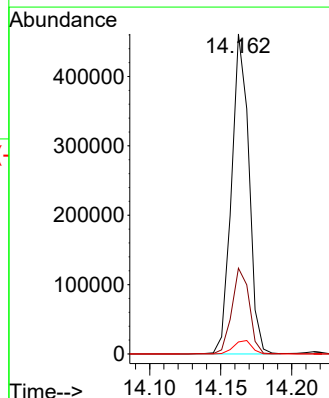
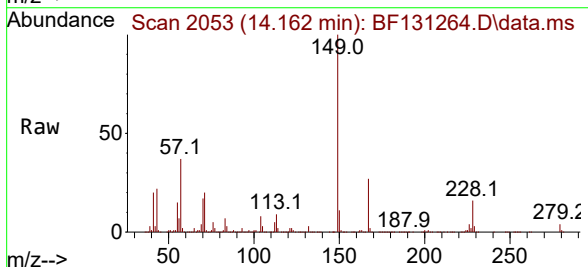
Tgt Ion:149 Resp: 393359

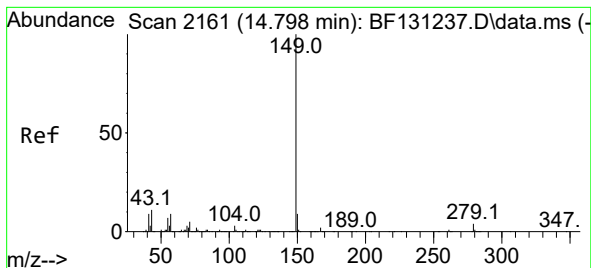
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

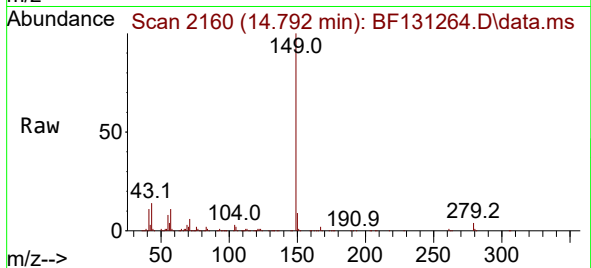
279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 39.527 ng
RT: 14.792 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

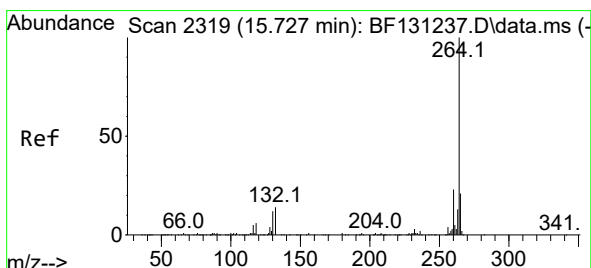
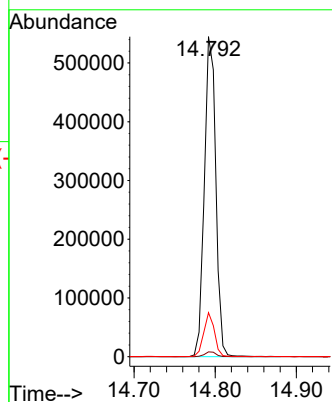
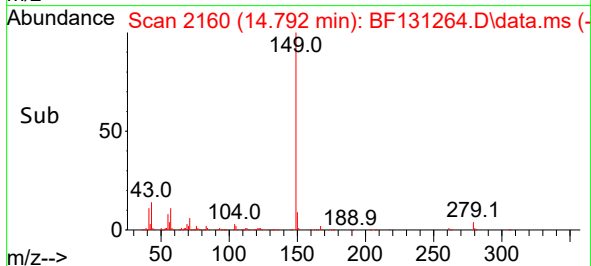
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



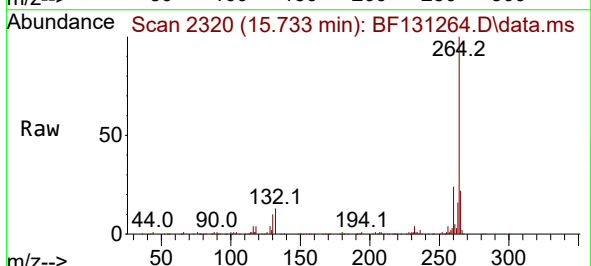
Tgt Ion:149 Resp: 533218
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.0 10.1 15.1

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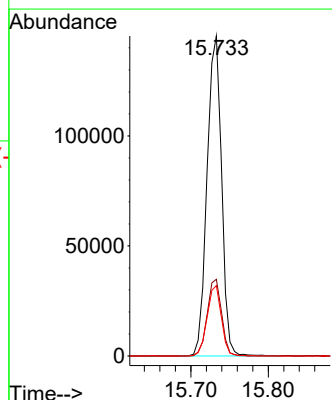
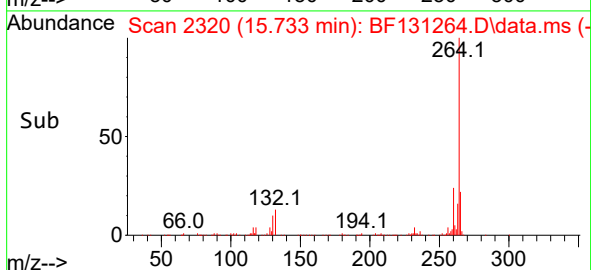
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

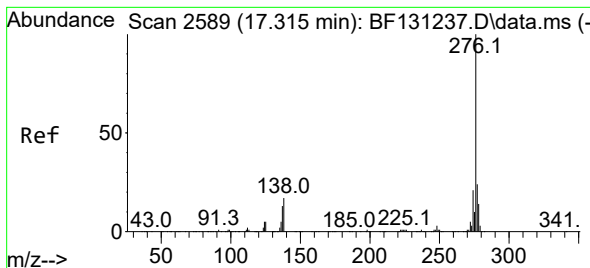


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:264 Resp: 189522
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.166 ng

RT: 17.321 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB149098BSD

Tgt Ion:276 Resp: 59054

Ion Ratio Lower Upper

276 100

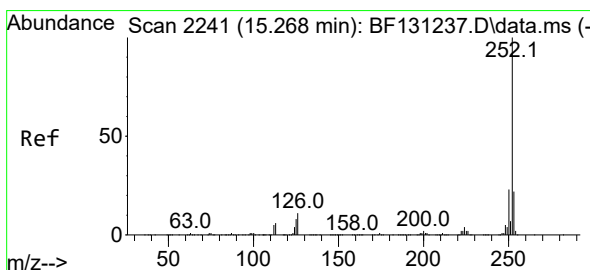
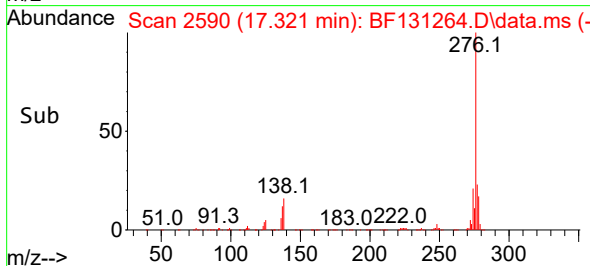
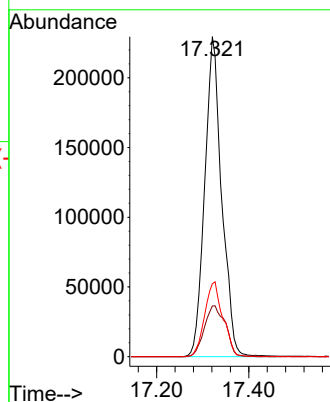
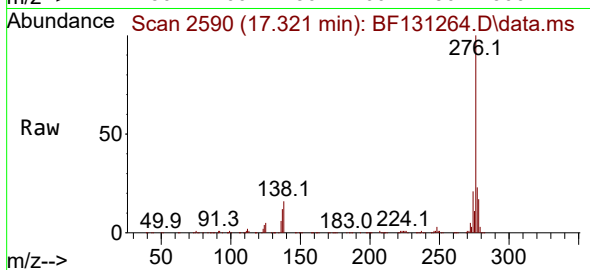
138 19.7 16.6 24.8

277 25.1 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#88

Benzo(b)fluoranthene

Concen: 42.433 ng

RT: 15.274 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF131264.D

Acq: 16 Nov 2022 14:33

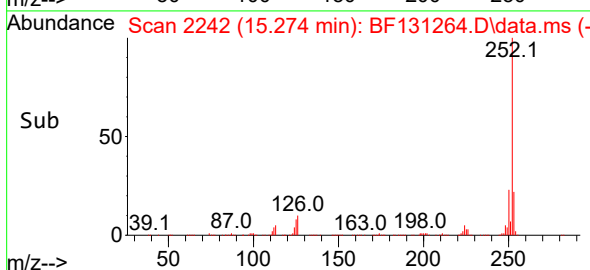
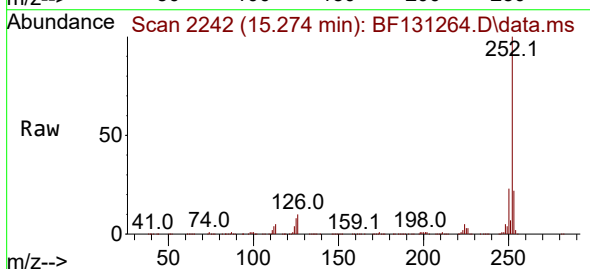
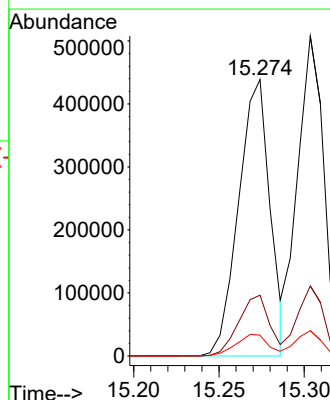
Tgt Ion:252 Resp: 561487

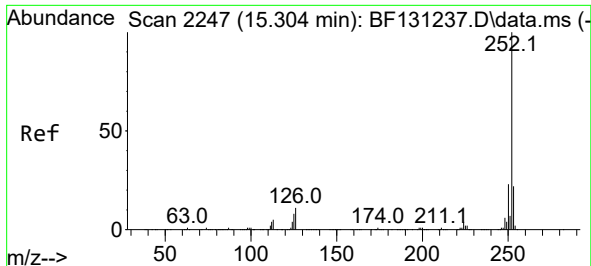
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

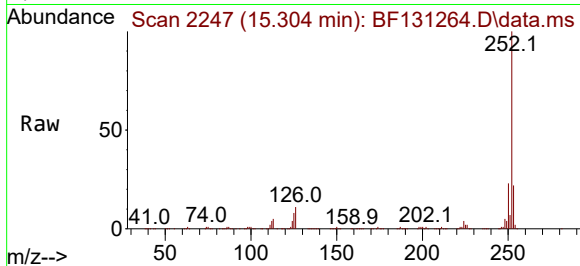
125 7.5 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 41.834 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

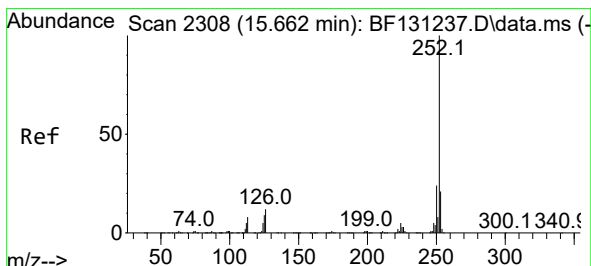
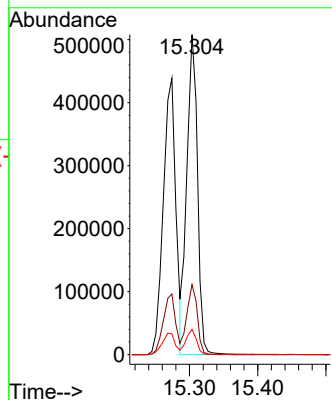
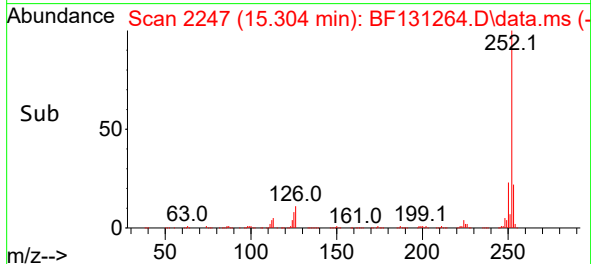
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



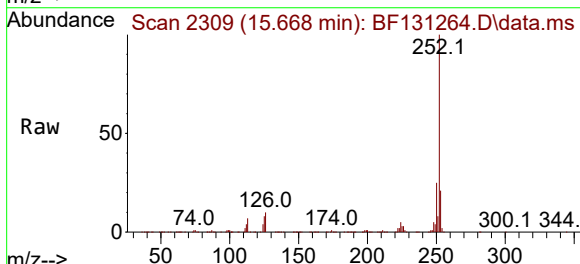
Tgt Ion:252 Resp: 54876
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.9 6.6 9.8

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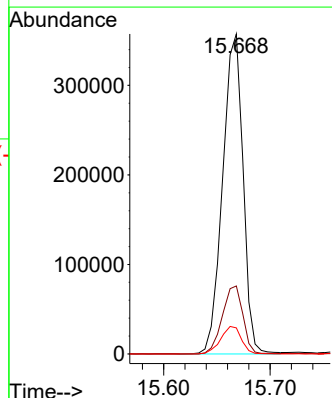
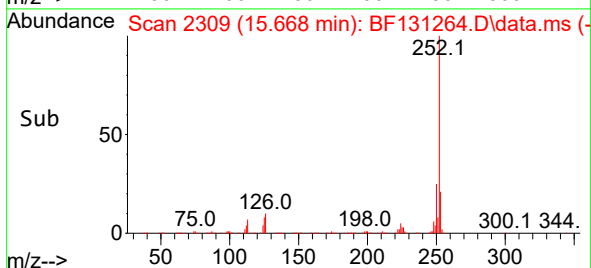
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

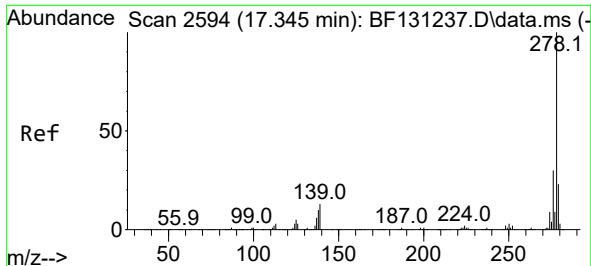


#90
Benzo(a)pyrene
Concen: 44.959 ng
RT: 15.668 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



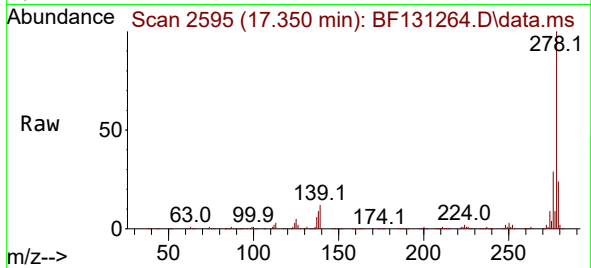
Tgt Ion:252 Resp: 475548
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 8.2 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 48.359 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.006 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33

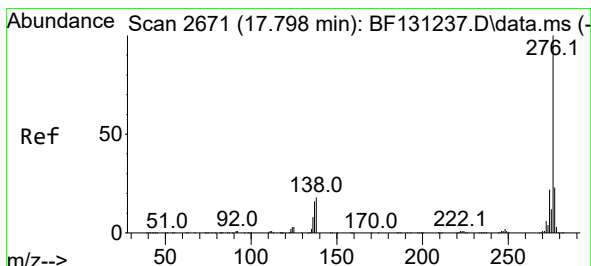
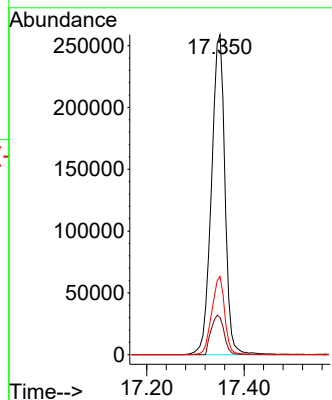
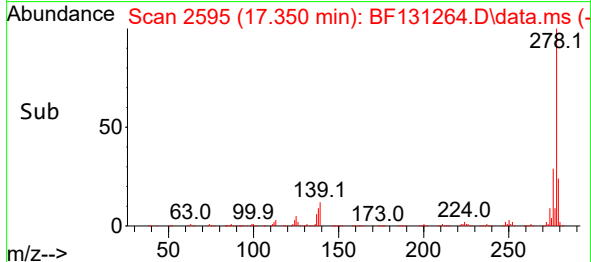
Instrument :
BNA_F
ClientSampleId :
PB149098BSD



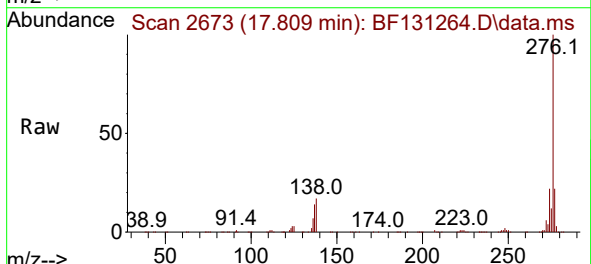
Tgt Ion:278 Resp: 49675
Ion Ratio Lower Upper
278 100
139 11.7 10.1 15.1
279 24.5 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#92
Benzo(g,h,i)perylene
Concen: 43.745 ng
RT: 17.809 min Scan# 2673
Delta R.T. 0.011 min
Lab File: BF131264.D
Acq: 16 Nov 2022 14:33



Tgt Ion:276 Resp: 498776
Ion Ratio Lower Upper
276 100
277 22.2 18.6 27.8
138 17.3 14.5 21.7

