

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135492.D
 Acq On : 28 Sep 2023 14:27
 Operator : CG\JU
 Sample : PB155842BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 29 00:22:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	154134	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	610635	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	305360	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	569430	20.000	ng	0.00
76) Chrysene-d12	13.927	240	292104	20.000	ng	0.00
86) Perylene-d12	15.380	264	285325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1114971	117.654	ng	0.01
7) Phenol-d6	6.398	99	1384986	114.935	ng	0.00
23) Nitrobenzene-d5	7.316	82	883882	78.641	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	298961	98.519	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1422305	70.273	ng	0.00
79) Terphenyl-d14	12.869	244	1416017	75.148	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	168327	40.518	ng	92
3) Pyridine	3.287	79	428540	38.327	ng	99
4) n-Nitrosodimethylamine	3.246	42	270019	45.509	ng	94
6) Aniline	6.416	93	458408	29.010	ng	# 85
8) 2-Chlorophenol	6.534	128	449152	44.398	ng	98
9) Benzaldehyde	6.304	77	139325	20.296	ng	98
10) Phenol	6.410	94	537166	40.653	ng	87
11) bis(2-Chloroethyl)ether	6.487	93	437910	44.182	ng	99
12) 1,3-Dichlorobenzene	6.687	146	440467	42.842	ng	97
13) 1,4-Dichlorobenzene	6.763	146	448998	42.925	ng	99
14) 1,2-Dichlorobenzene	6.910	146	420845	43.324	ng	99
15) Benzyl Alcohol	6.898	79	354259	40.969	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.022	45	793621	42.479	ng	86
17) 2-Methylphenol	7.010	107	363743	40.745	ng	97
18) Hexachloroethane	7.251	117	165394	42.793	ng	94
19) n-Nitroso-di-n-propyla...	7.163	70	283544	37.989	ng	94
20) 3+4-Methylphenols	7.163	107	427811	39.853	ng	95
22) Acetophenone	7.157	105	565326	40.494	ng	95
24) Nitrobenzene	7.334	77	472374	42.521	ng	98
25) Isophorone	7.569	82	859533	41.647	ng	98
26) 2-Nitrophenol	7.645	139	235811	44.228	ng	97
27) 2,4-Dimethylphenol	7.687	122	366955	40.945	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	542717	43.934	ng	100
29) 2,4-Dichlorophenol	7.893	162	348912	42.015	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	363378	41.864	ng	99
31) Naphthalene	8.045	128	1230559	41.476	ng	100
32) Benzoic acid	7.834	122	269685	39.962	ng	95
33) 4-Chloroaniline	8.104	127	341088	26.203	ng	98
34) Hexachlorobutadiene	8.157	225	202704	38.729	ng	99
35) Caprolactam	8.475	113	120835m	43.355	ng	
36) 4-Chloro-3-methylphenol	8.598	107	391051	42.369	ng	94
37) 2-Methylnaphthalene	8.740	142	765860	38.402	ng	96
38) 1-Methylnaphthalene	8.839	142	730364	39.116	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	355289	40.161	ng	99
41) Hexachlorocyclopentadiene	8.887	237	191560	51.991	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	232950	40.218	ng	99

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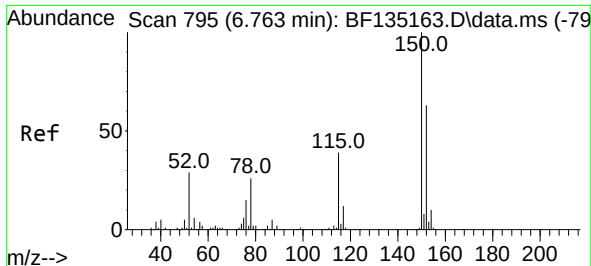
Manual Integrations
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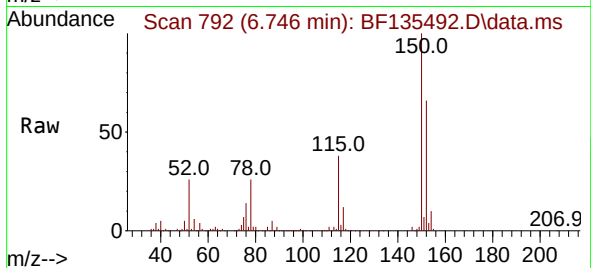
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	255348	38.281	ng	95
46) 1,1'-Biphenyl	9.204	154	930565	39.655	ng	98
47) 2-Chloronaphthalene	9.228	162	712400	41.841	ng	98
48) 2-Nitroaniline	9.334	65	289906	43.828	ng	96
49) Acenaphthylene	9.645	152	1153717	40.773	ng	99
50) Dimethylphthalate	9.510	163	836298	40.508	ng	99
51) 2,6-Dinitrotoluene	9.581	165	189166	41.826	ng	# 83
52) Acenaphthene	9.816	154	680388	40.703	ng	97
53) 3-Nitroaniline	9.751	138	175741	33.103	ng	91
54) 2,4-Dinitrophenol	9.869	184	184529	72.505	ng	89
55) Dibenzofuran	9.992	168	968750	37.978	ng	99
56) 4-Nitrophenol	9.928	139	256848	76.123	ng	97
57) 2,4-Dinitrotoluene	9.986	165	217521	38.417	ng	# 80
58) Fluorene	10.334	166	772509	39.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	205113	39.974	ng	98
60) Diethylphthalate	10.210	149	828252	39.974	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	356355	37.830	ng	98
62) 4-Nitroaniline	10.369	138	209344	41.022	ng	95
63) Azobenzene	10.486	77	861665	42.492	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	131120	43.354	ng	98
66) n-Nitrosodiphenylamine	10.451	169	720542	41.796	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	224144	39.578	ng	97
68) Hexachlorobenzene	10.881	284	242205	41.979	ng	# 90
69) Atrazine	10.981	200	215187	46.390	ng	99
70) Pentachlorophenol	11.086	266	185334	53.689	ng	99
71) Phenanthrene	11.298	178	1136554	42.202	ng	99
72) Anthracene	11.351	178	1160079	41.906	ng	100
73) Carbazole	11.510	167	1128047	44.763	ng	100
74) Di-n-butylphthalate	11.839	149	1311151	44.155	ng	99
75) Fluoranthene	12.492	202	1193439	42.528	ng	99
77) Benzidine	12.616	184	260396	43.513	ng	99
78) Pyrene	12.722	202	1208687	43.461	ng	100
80) Butylbenzylphthalate	13.345	149	460327	47.012	ng	98
81) Benzo(a)anthracene	13.916	228	812680	43.086	ng	98
82) 3,3'-Dichlorobenzidine	13.880	252	226945	38.520	ng	# 97
83) Chrysene	13.951	228	802201	42.777	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	546951	54.434	ng	100
85) Di-n-octyl phthalate	14.521	149	829142	51.925	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	822618	43.972	ng	97
88) Benzo(b)fluoranthene	14.963	252	712433	46.125	ng	97
89) Benzo(k)fluoranthene	14.992	252	679973	44.566	ng	98
90) Benzo(a)pyrene	15.321	252	640966	43.516	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	669258	43.722	ng	99
92) Benzo(g,h,i)perylene	17.298	276	685964	42.910	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.746 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

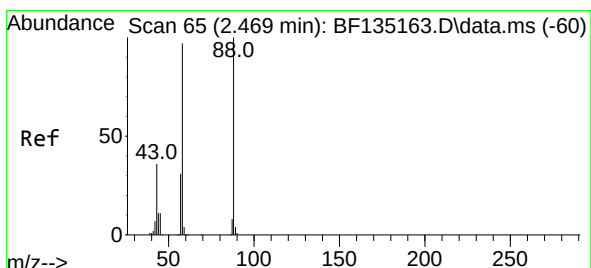
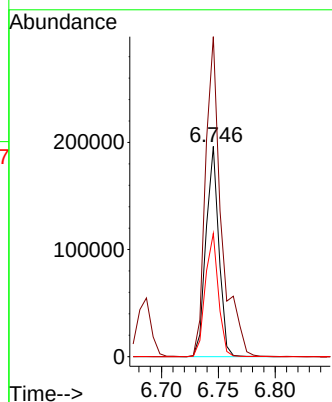
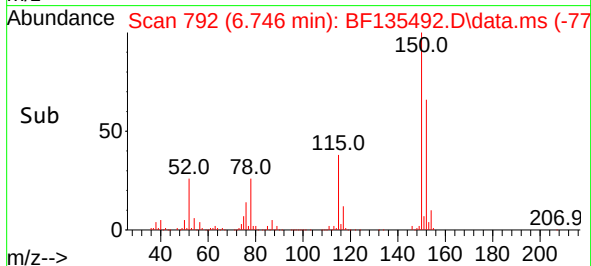
Instrument :
 BNA_F
 ClientSampleId :
 PB155842BSD



Tgt Ion:152 Resp: 154134
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.8 191.6
 115 58.6 49.8 74.8

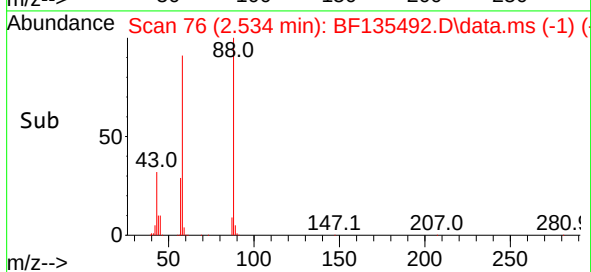
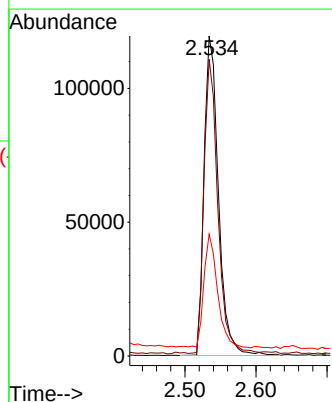
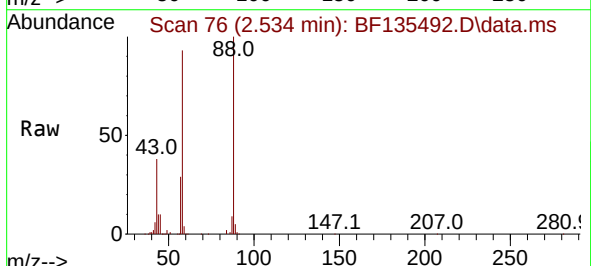
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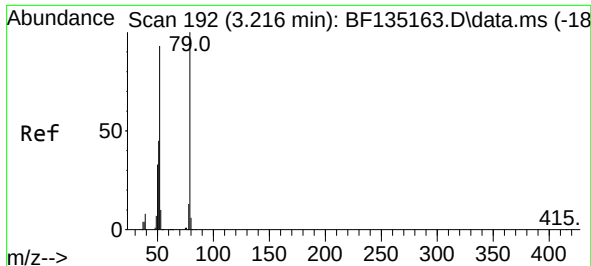
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023



#2
 1,4-Dioxane
 Concen: 40.518 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.100 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

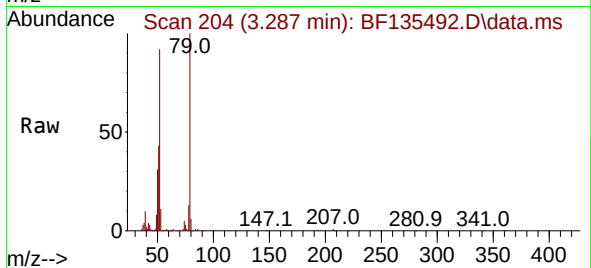
Tgt Ion: 88 Resp: 168327
 Ion Ratio Lower Upper
 88 100
 58 88.8 78.3 117.5
 43 33.9 29.4 44.0





#3
Pyridine
Concen: 38.327 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.112 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

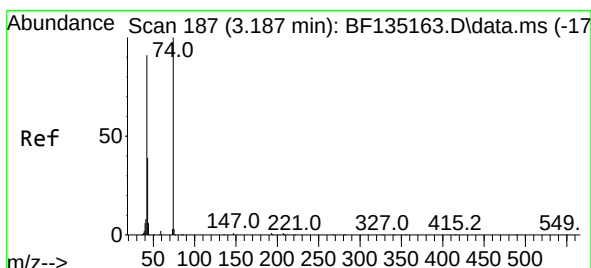
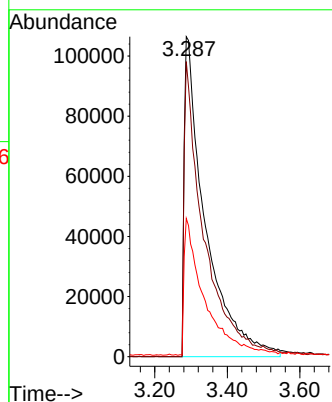
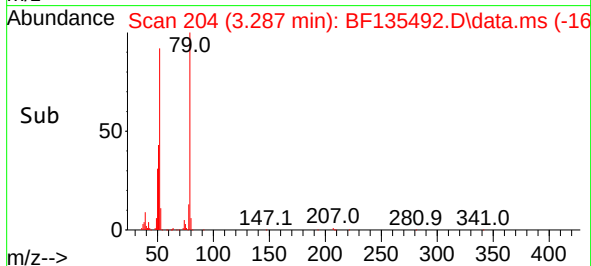
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



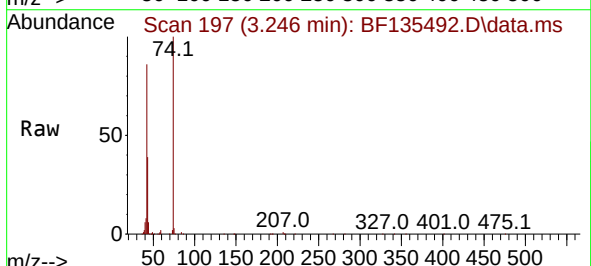
Tgt Ion: 79 Resp: 428540
Ion Ratio Lower Upper
79 100
52 92.2 74.1 111.1
51 43.2 35.8 53.8

Manual Integrations
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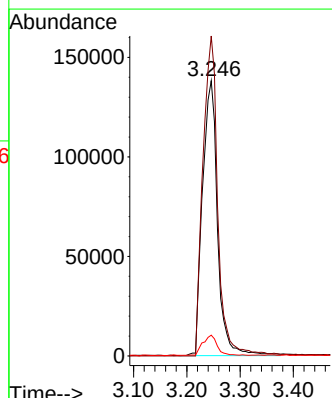
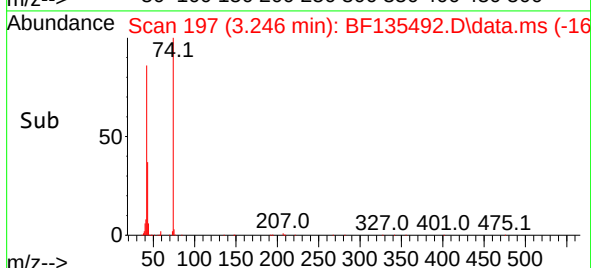
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

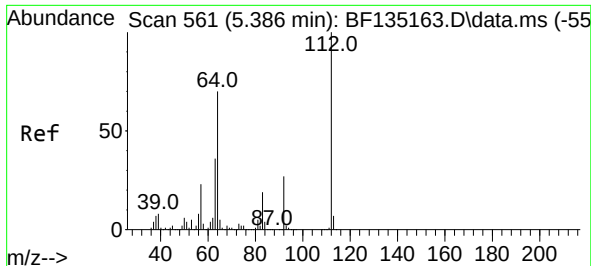


#4
n-Nitrosodimethylamine
Concen: 45.509 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.094 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion: 42 Resp: 270019
Ion Ratio Lower Upper
42 100
74 116.3 87.7 131.5
44 7.5 5.6 8.4





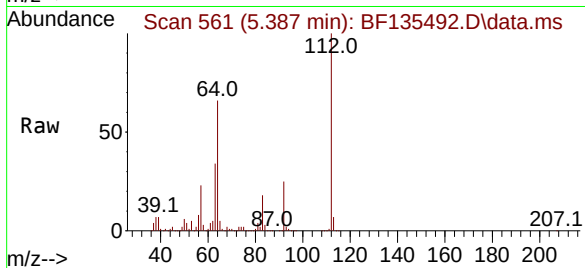
#5
2-Fluorophenol
Concen: 117.654 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



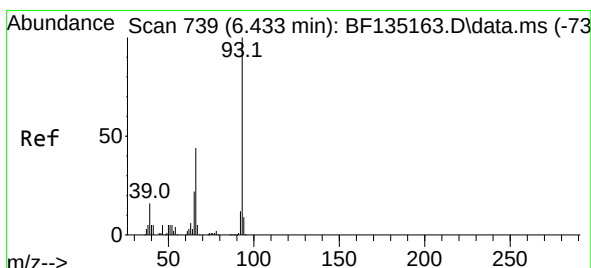
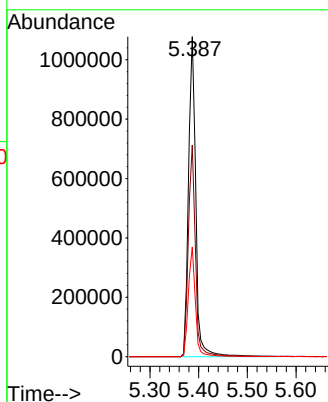
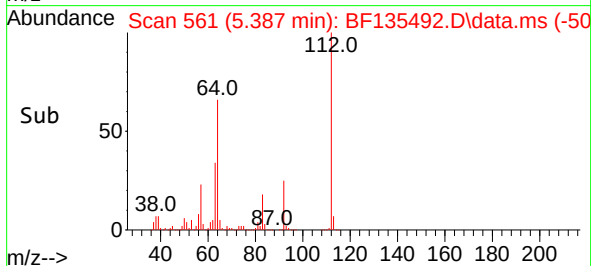
Tgt Ion:112 Resp: 111497
Ion Ratio Lower Upper
112 100
64 66.1 55.9 83.9
63 34.3 29.0 43.6

Manual Integrations

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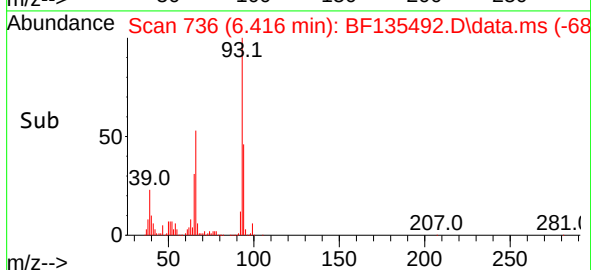
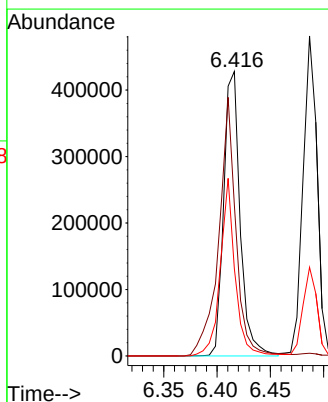
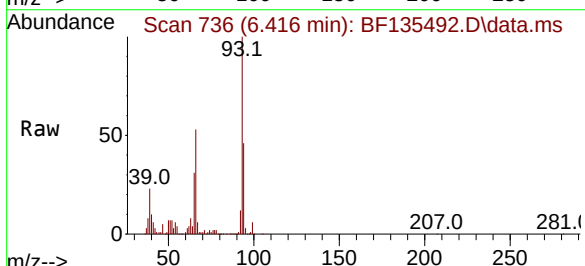
Reviewed By :Yogesh Patel 09/29/2023

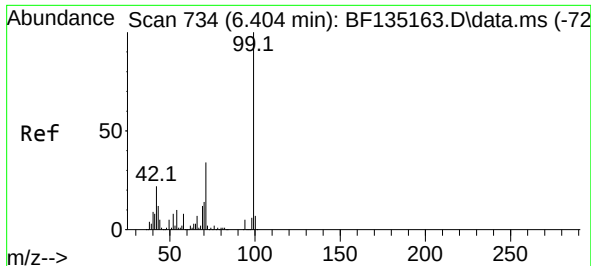
Supervised By :mohammad ahmed 09/29/2023



#6
Aniline
Concen: 29.010 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 93 Resp: 458408
Ion Ratio Lower Upper
93 100
66 53.0 35.4 53.0
65 30.7 17.8 26.8





#7

Phenol-d6

Concen: 114.935 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

Tgt Ion: 99 Resp: 138498

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

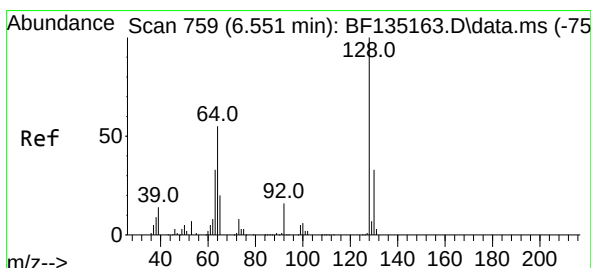
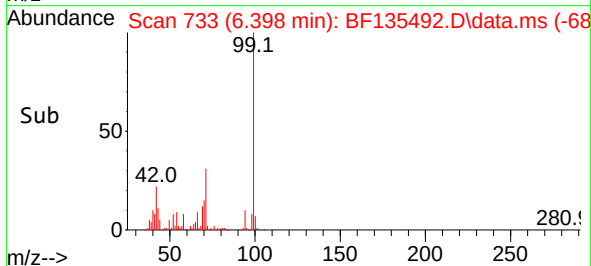
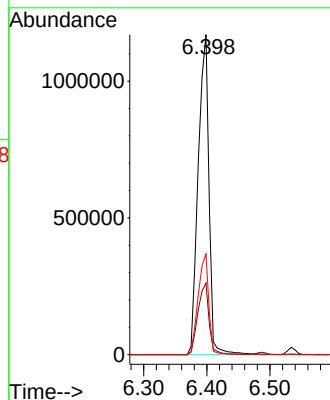
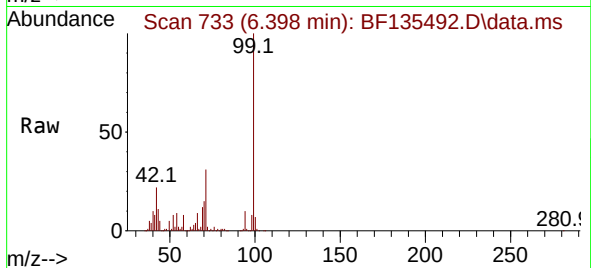
71 31.5 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/29/2023



#8

2-Chlorophenol

Concen: 44.398 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

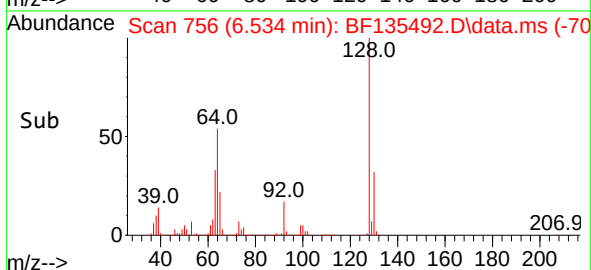
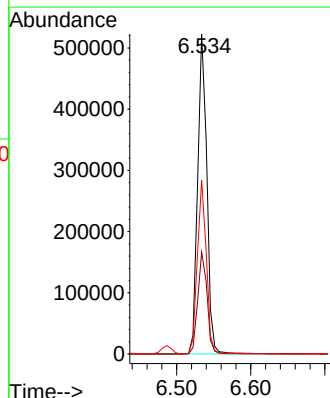
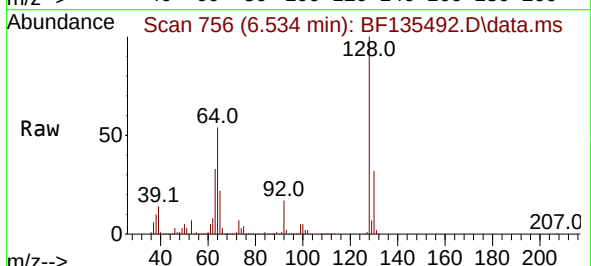
Tgt Ion:128 Resp: 449152

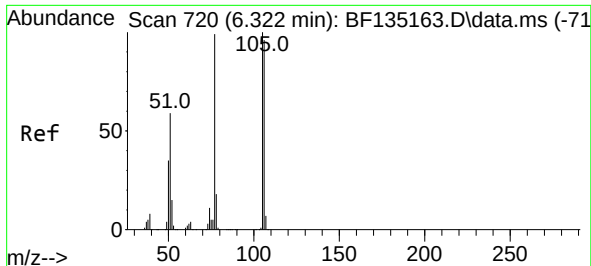
Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

64 54.4 35.9 75.9





#9

Benzaldehyde

Concen: 20.296 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF135492.D

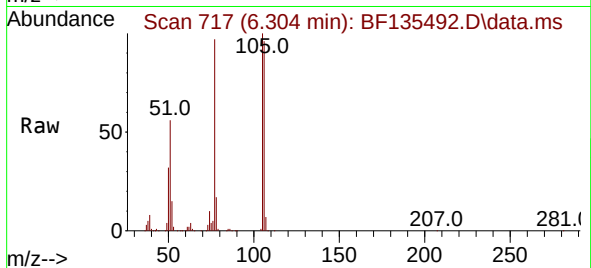
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



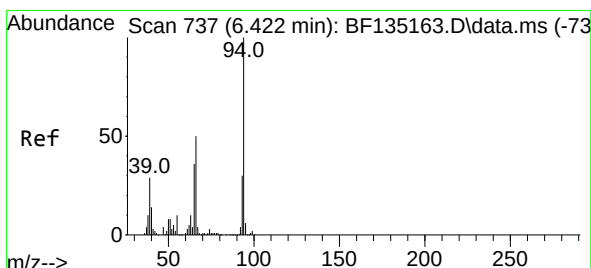
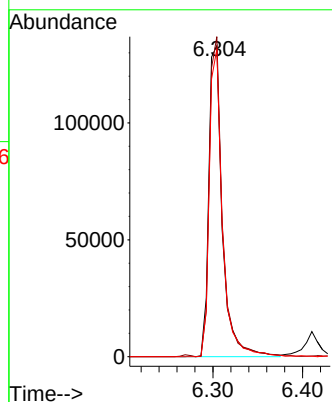
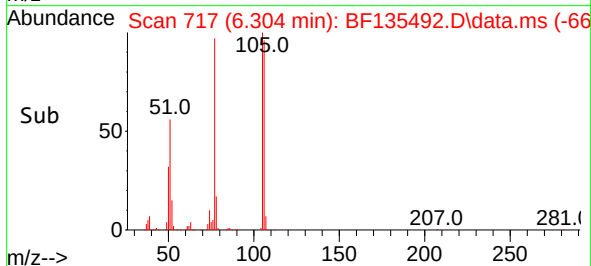
Tgt Ion:	77	Resp:	139329
Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	98.9	76.9	116.9

Manual Integrations

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Supervised By :mohammad ahmed 09/29/2023



#10

Phenol

Concen: 40.653 ng

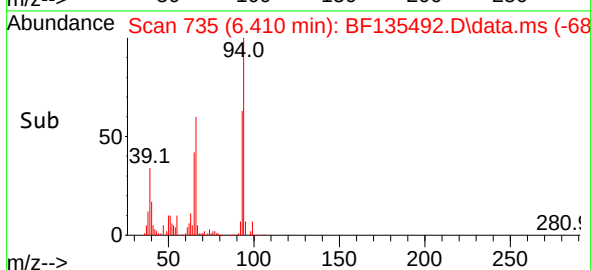
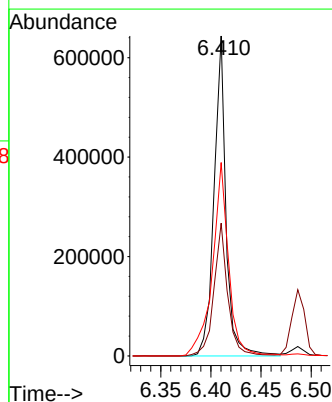
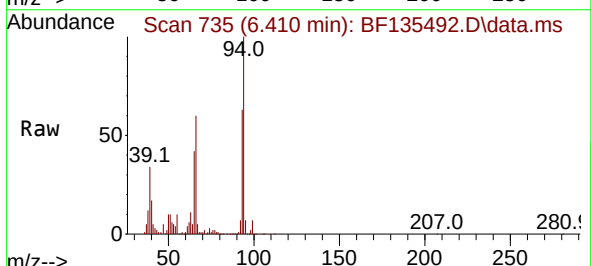
RT: 6.410 min Scan# 735

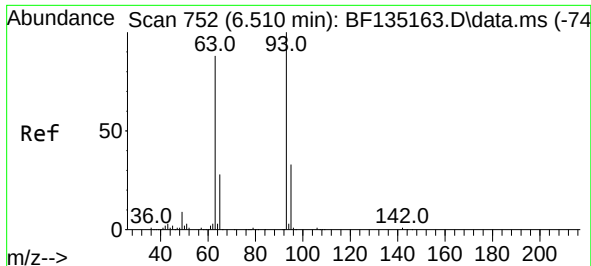
Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:	94	Resp:	537166
Ion	Ratio	Lower	Upper
94	100		
65	41.5	15.9	55.9
66	60.5	29.8	69.8





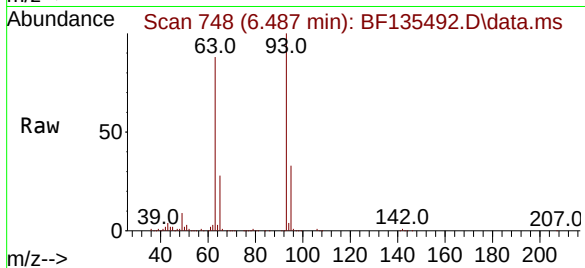
#11
bis(2-Chloroethyl)ether
Concen: 44.182 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

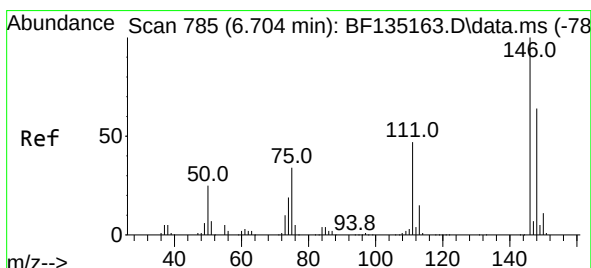
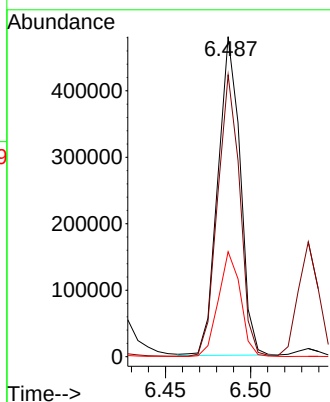
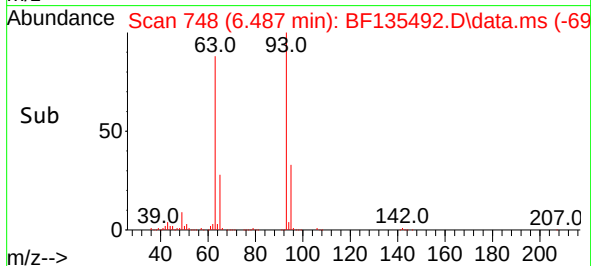


Tgt Ion: 93 Resp: 437910
Ion Ratio Lower Upper
93 100
63 88.1 67.3 107.3
95 32.8 12.7 52.7

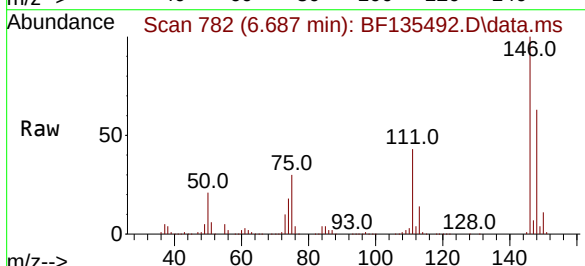
Manual Integrations

APPROVED

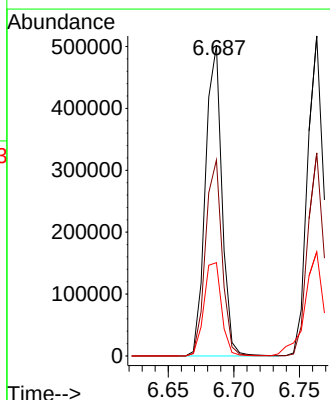
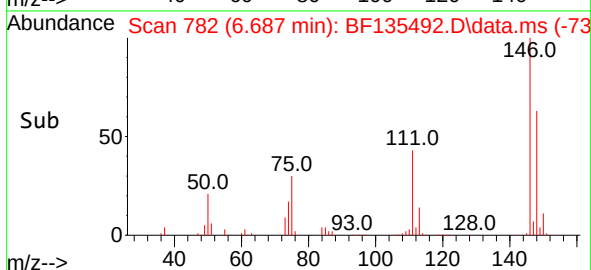
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

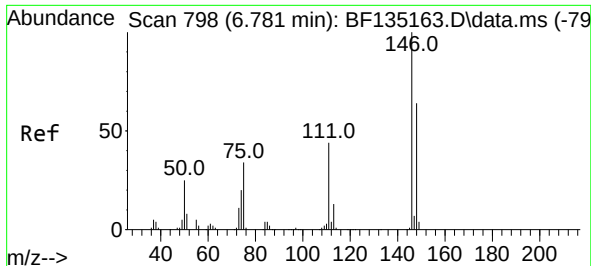


#12
1,3-Dichlorobenzene
Concen: 42.842 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



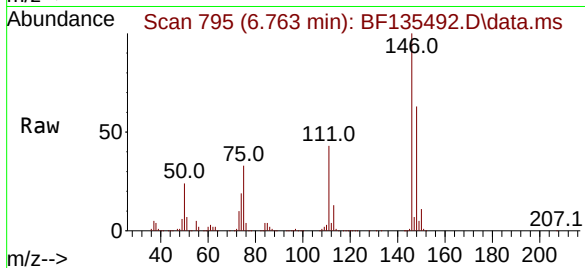
Tgt Ion:146 Resp: 440467
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 30.0 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 42.925 ng
RT: 6.763 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

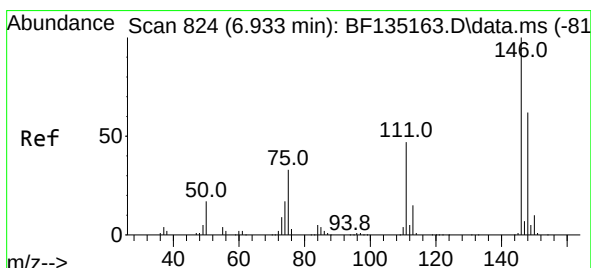
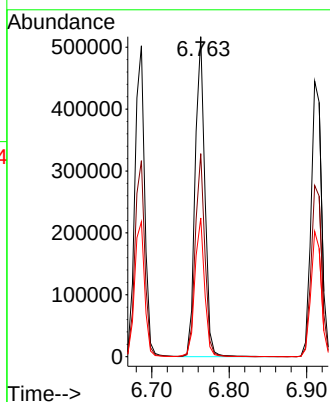
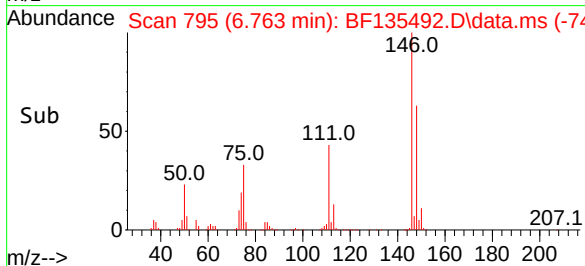
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



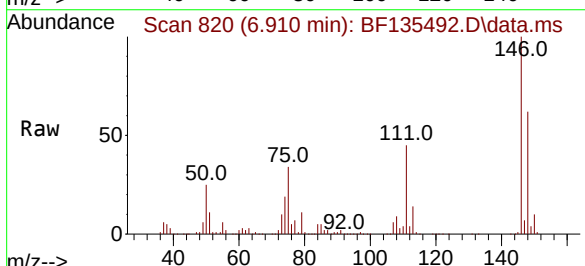
Tgt Ion:146 Resp: 448998
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 43.4 35.1 52.7

Manual Integrations
APPROVED

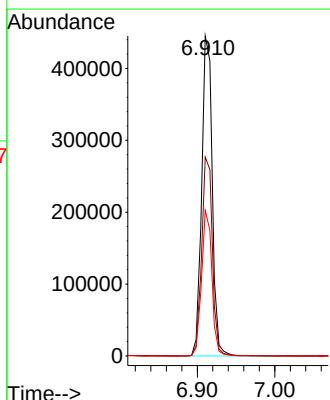
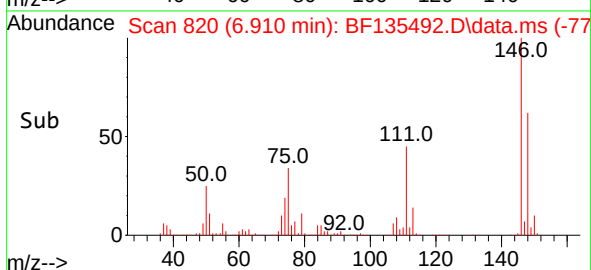
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

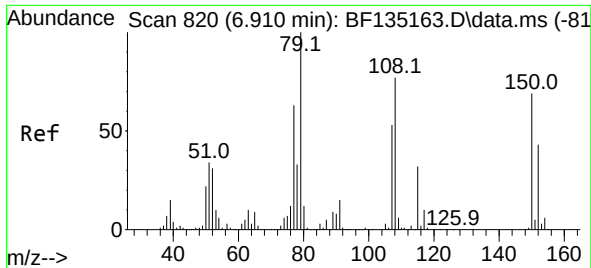


#14
1,2-Dichlorobenzene
Concen: 43.324 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



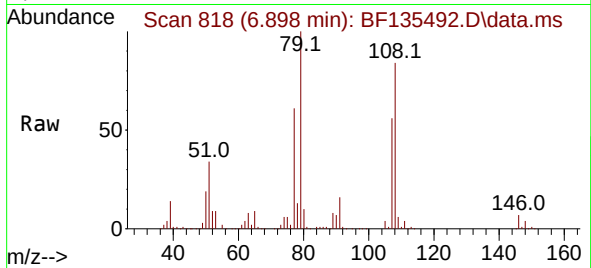
Tgt Ion:146 Resp: 420845
Ion Ratio Lower Upper
146 100
148 62.1 49.7 74.5
111 45.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 40.969 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

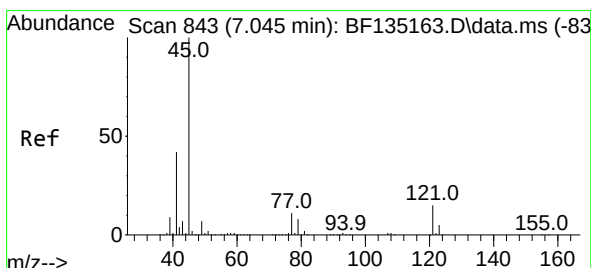
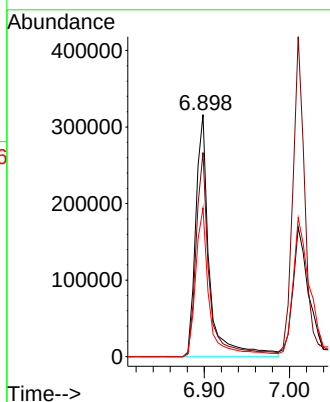
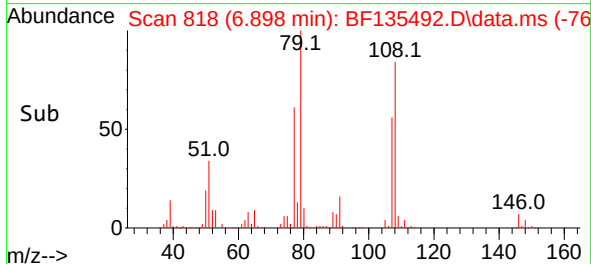
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion: 79 Resp: 35425
Ion Ratio Lower Upper
79 100
108 84.3 61.2 91.8
77 61.4 50.5 75.7

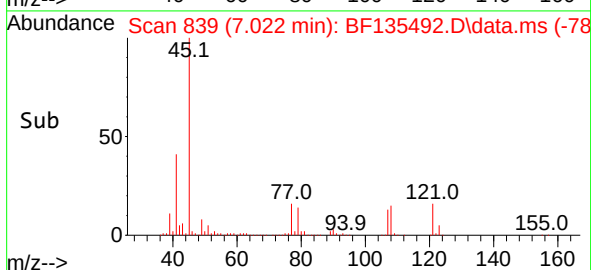
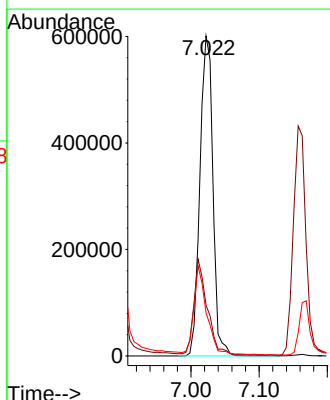
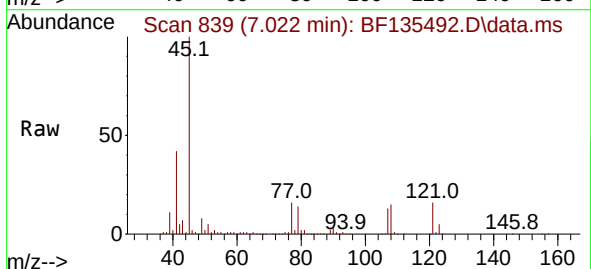
Manual Integrations
APPROVED

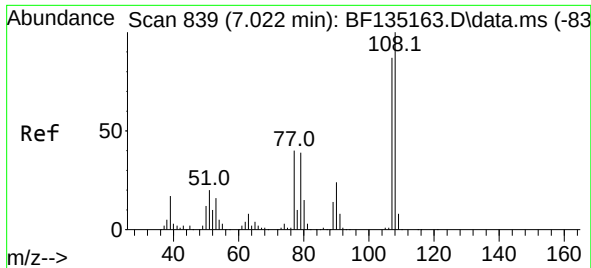
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.479 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

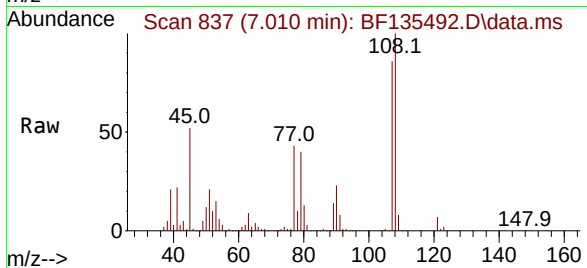
Tgt Ion: 45 Resp: 793621
Ion Ratio Lower Upper
45 100
77 15.9 0.0 30.6
79 13.5 0.0 28.3





#17
2-Methylphenol
Concen: 40.745 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

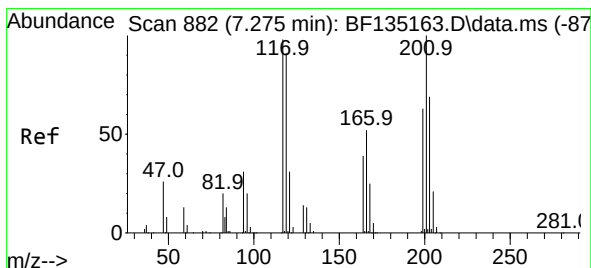
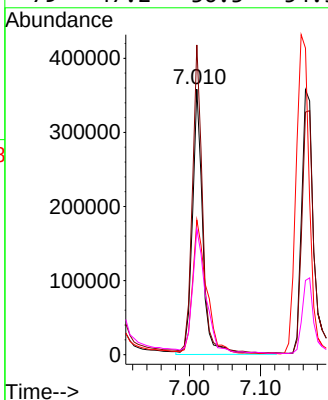
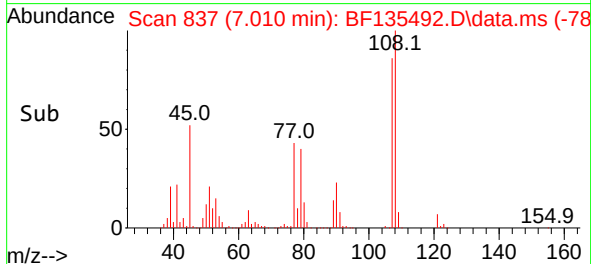
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



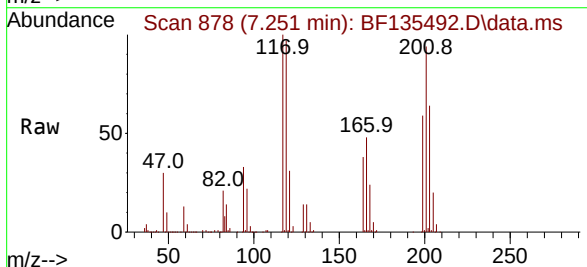
Tgt Ion:107 Resp: 36374
Ion Ratio Lower Upper
107 100
108 116.7 92.0 138.0
77 50.8 36.7 55.1
79 47.2 36.3 54.5

Manual Integrations
APPROVED

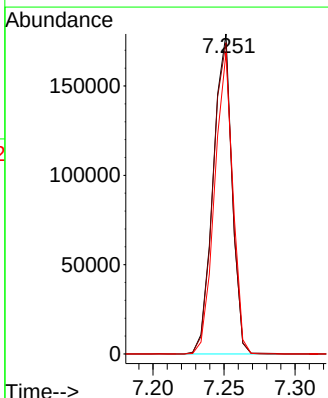
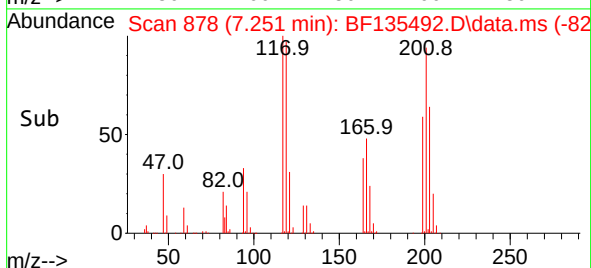
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

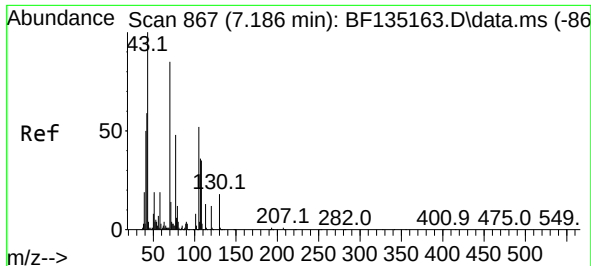


#18
Hexachloroethane
Concen: 42.793 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:117 Resp: 165394
Ion Ratio Lower Upper
117 100
119 97.3 74.7 112.1
201 94.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.989 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135492.D

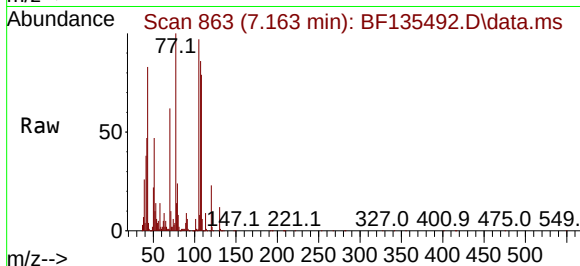
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



Tgt Ion: 70 Resp: 28354

Ion Ratio Lower Upper

70 100

42 75.3 55.4 83.0

101 9.1 7.7 11.5

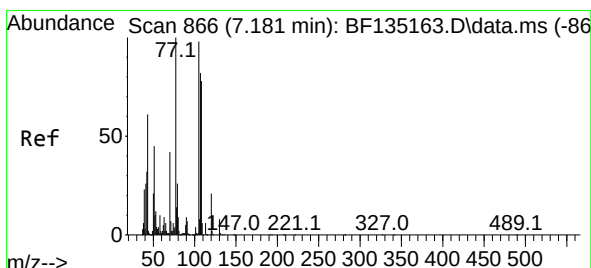
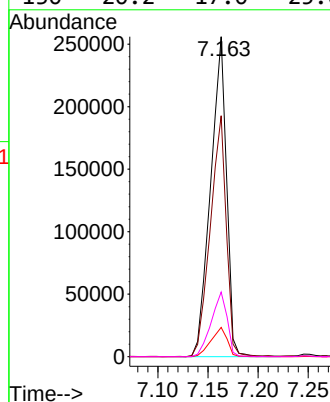
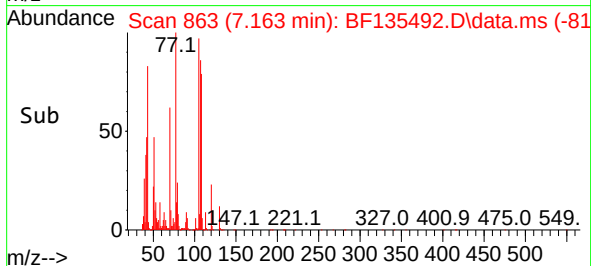
130 20.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#20

3+4-Methylphenols

Concen: 39.853 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:107 Resp: 427811

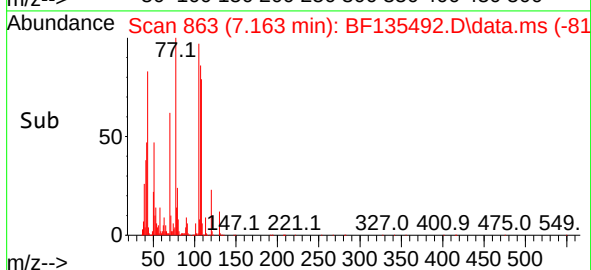
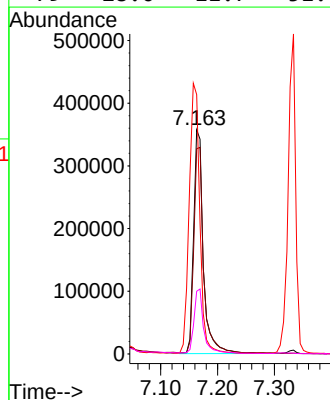
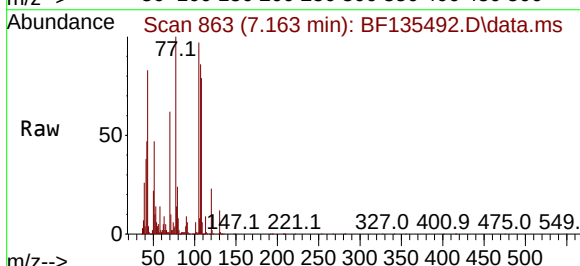
Ion Ratio Lower Upper

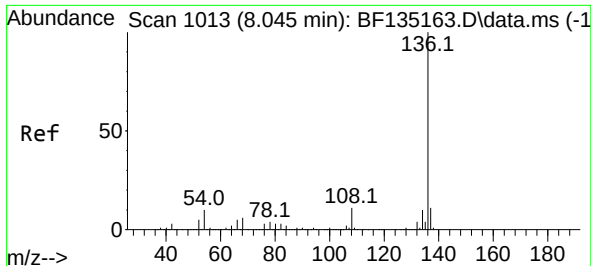
107 100

108 91.6 74.7 114.7

77 115.7 102.0 142.0

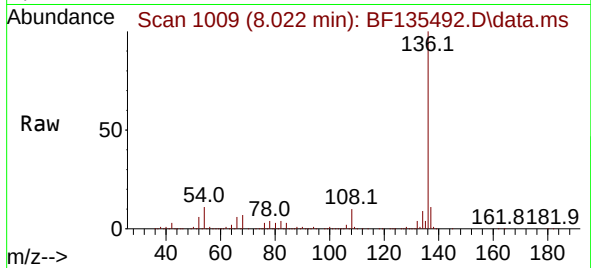
79 28.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

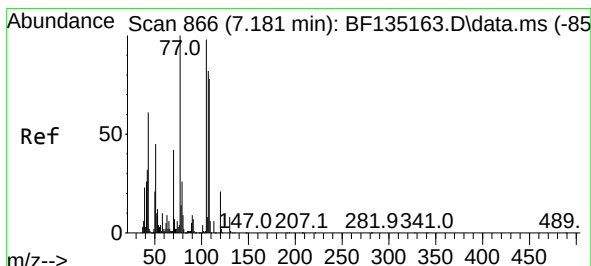
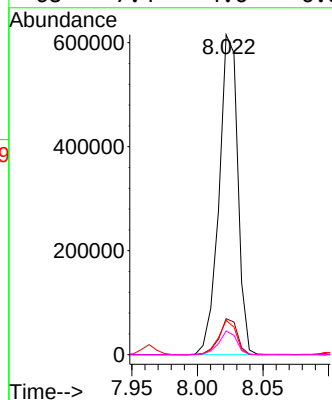
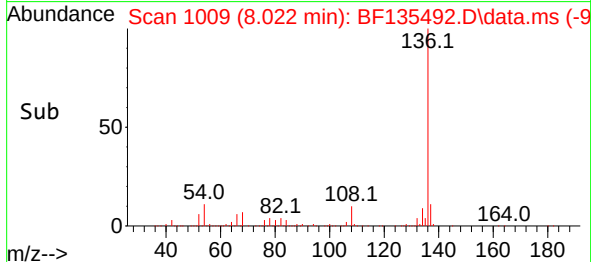
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:136 Resp: 610635
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.7 7.7 11.5
68 7.4 4.6 6.8#

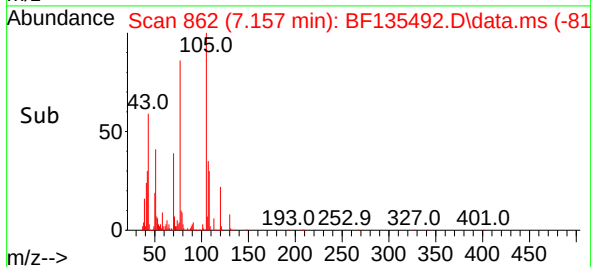
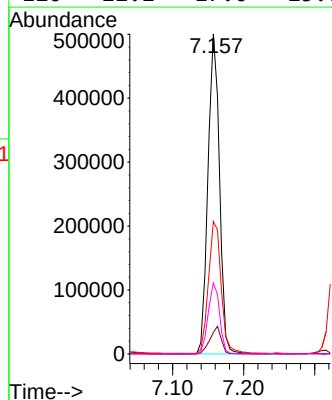
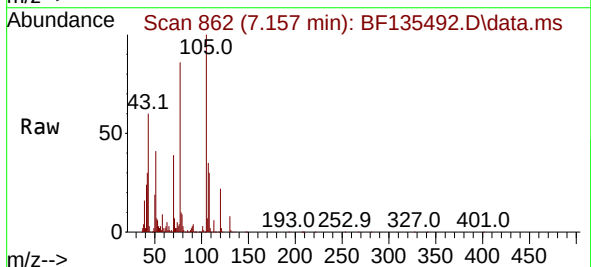
Manual Integrations
APPROVED

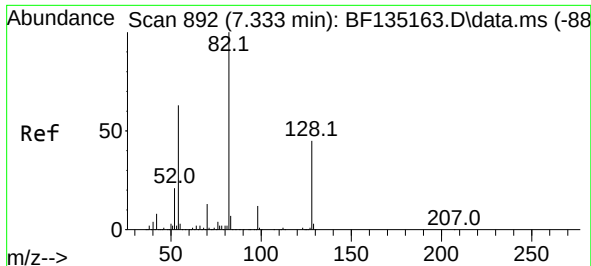
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#22
Acetophenone
Concen: 40.494 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:105 Resp: 565326
Ion Ratio Lower Upper
105 100
71 6.7 5.8 8.6
51 41.4 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.641 ng

RT: 7.316 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

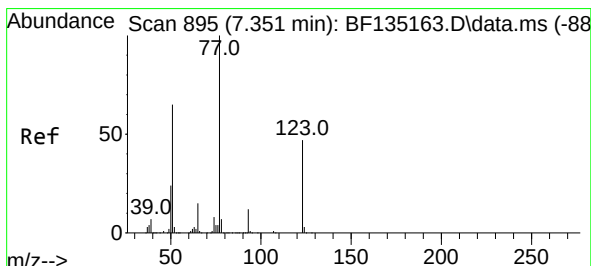
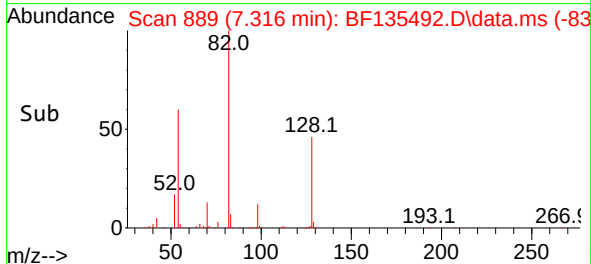
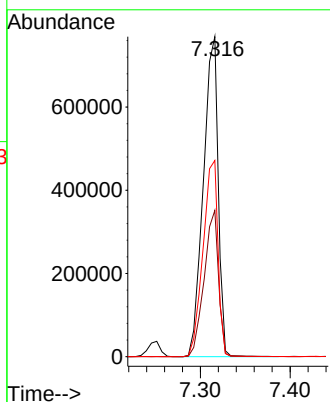
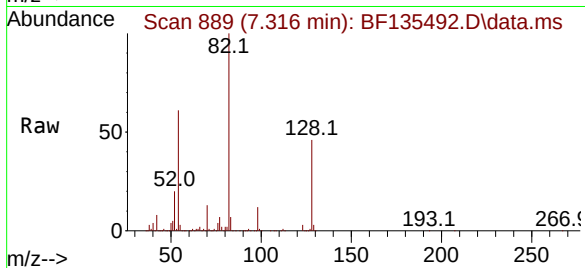
ClientSampleId :

PB155842BSD

Tgt Ion: 82 Resp: 88388
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.8 53.6
 54 61.3 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023



#24

Nitrobenzene

Concen: 42.521 ng

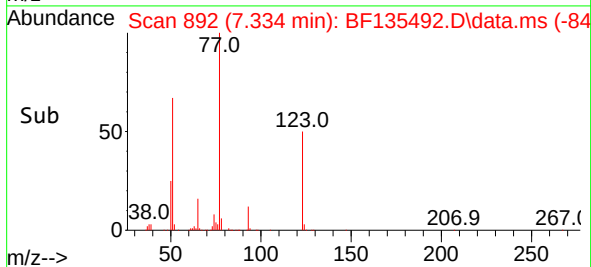
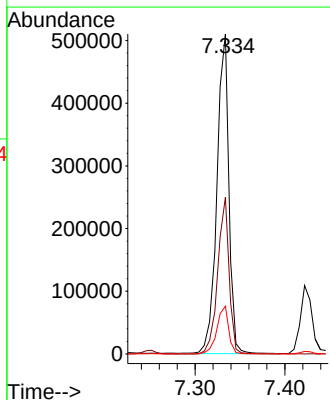
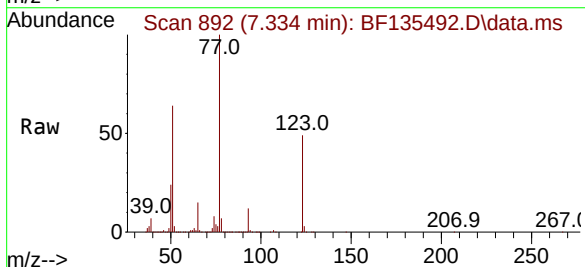
RT: 7.334 min Scan# 892

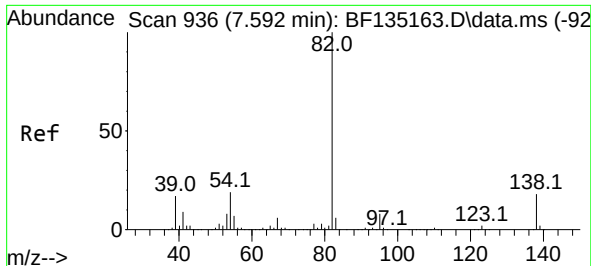
Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion: 77 Resp: 472374
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.6 56.4
 65 15.0 12.2 18.4





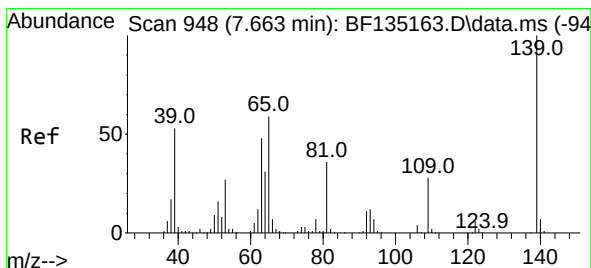
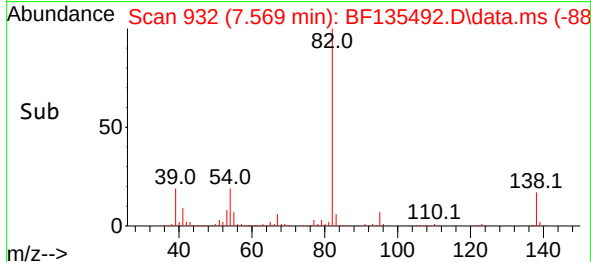
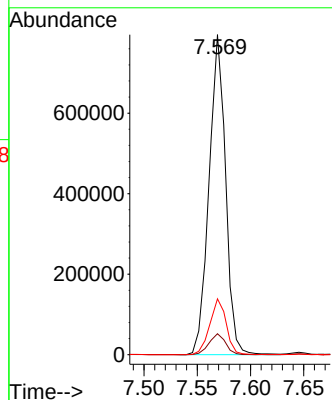
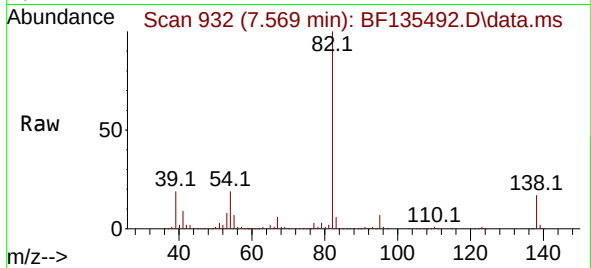
#25
Isophorone
Concen: 41.647 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB155842BSD

Tgt Ion: 82 Resp: 85953
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 17.4 14.5 21.7

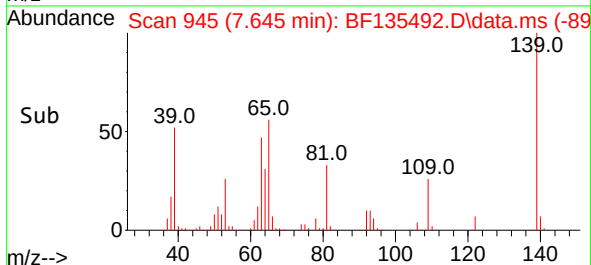
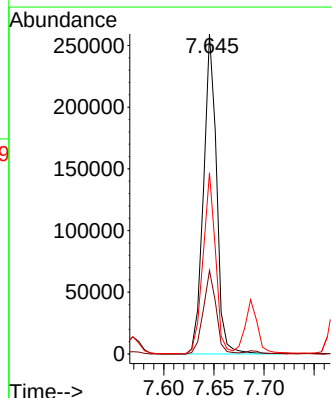
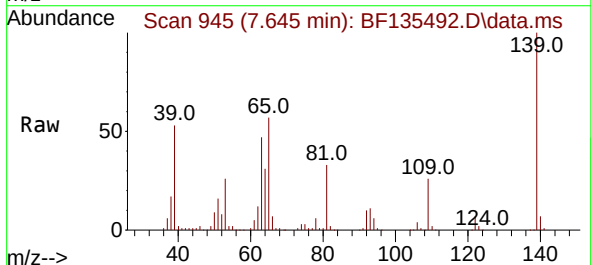
Manual Integrations
APPROVED

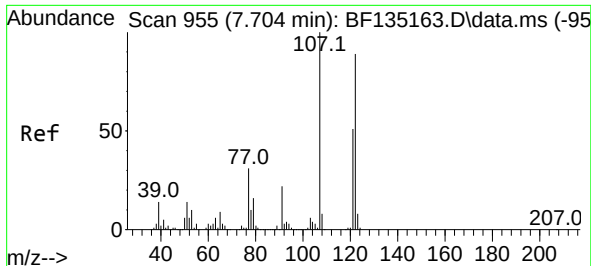
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#26
2-Nitrophenol
Concen: 44.228 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:139 Resp: 235811
Ion Ratio Lower Upper
139 100
109 26.0 22.6 33.8
65 56.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.945 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135492.D

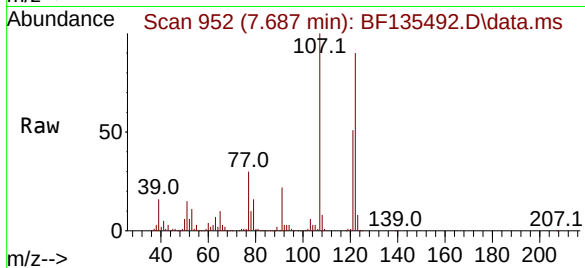
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



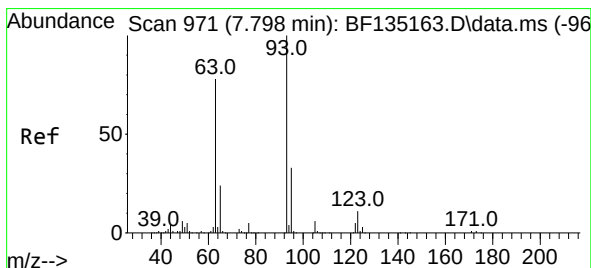
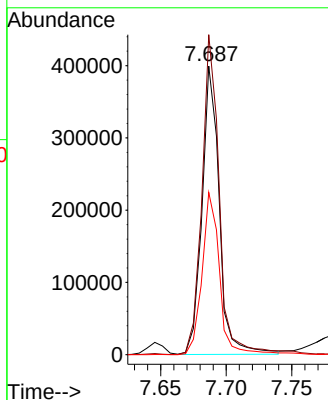
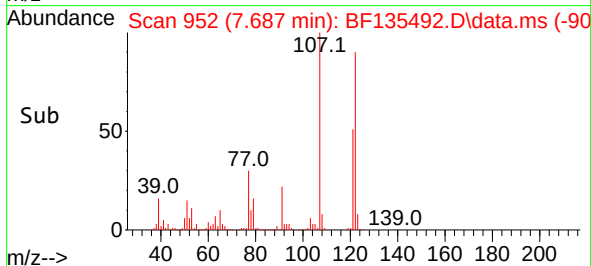
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.8	90.2	135.4
121	56.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.934 ng

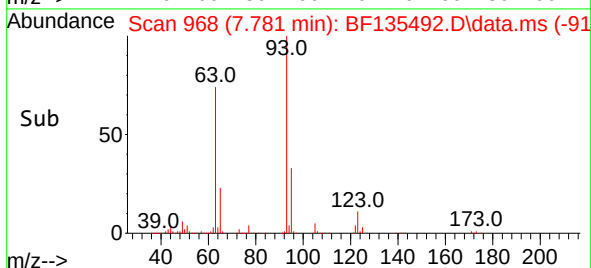
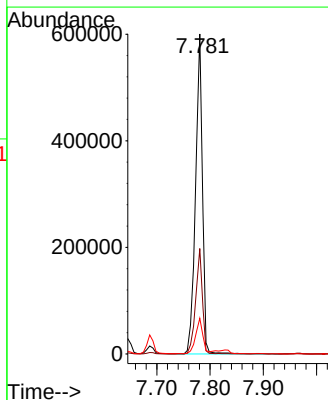
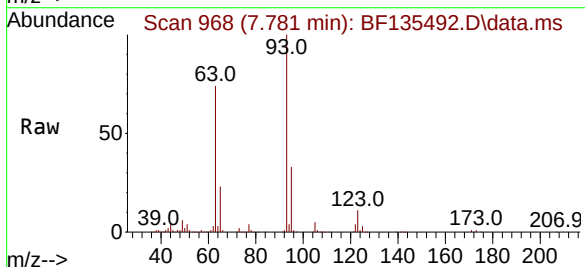
RT: 7.781 min Scan# 968

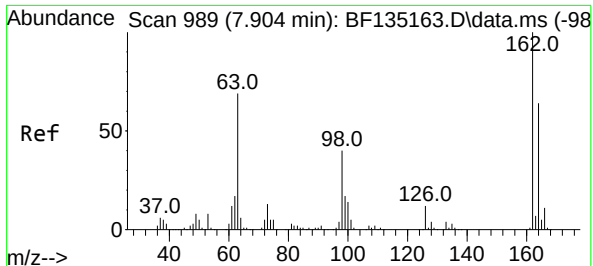
Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 42.015 ng

RT: 7.893 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

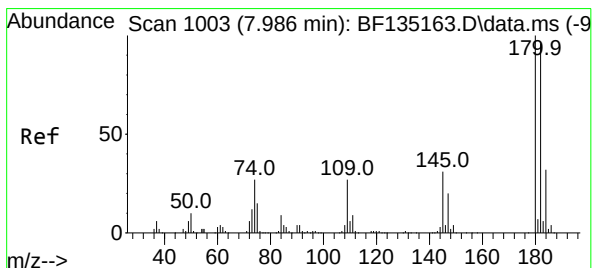
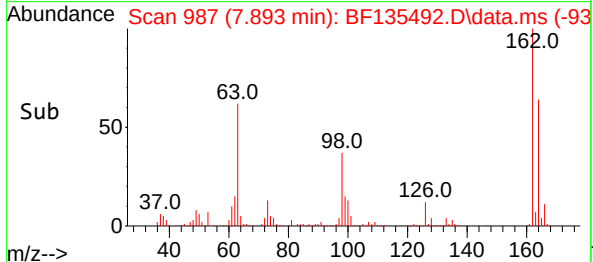
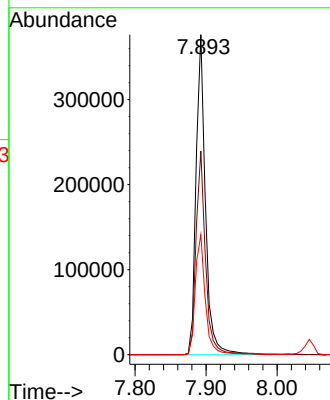
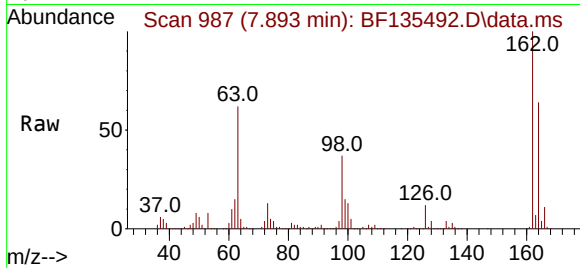
Tgt Ion:	162	Resp:	348912
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.1	84.1
98	37.5	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.864 ng

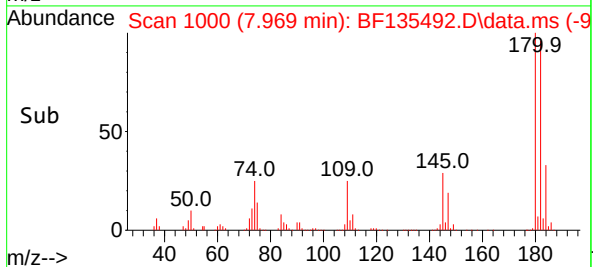
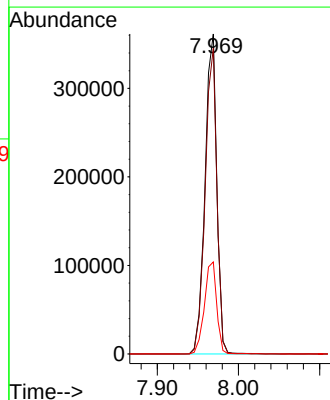
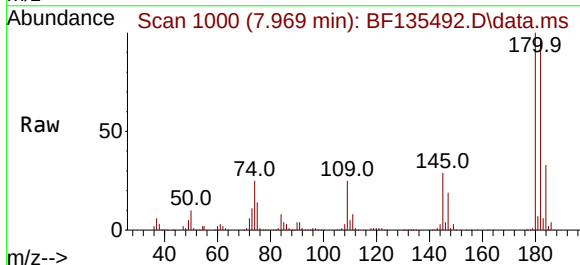
RT: 7.969 min Scan# 1000

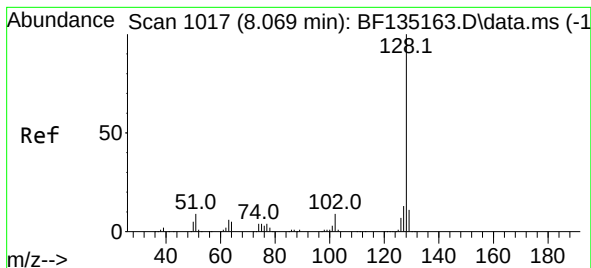
Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:	180	Resp:	363378
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.9	115.3
145	28.8	24.5	36.7





#31

Naphthalene

Concen: 41.476 ng

RT: 8.045 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135492.D

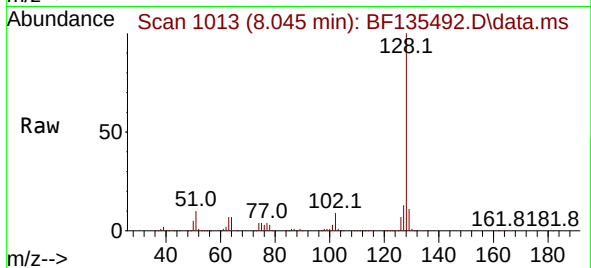
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



Tgt Ion:128 Resp: 123055

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

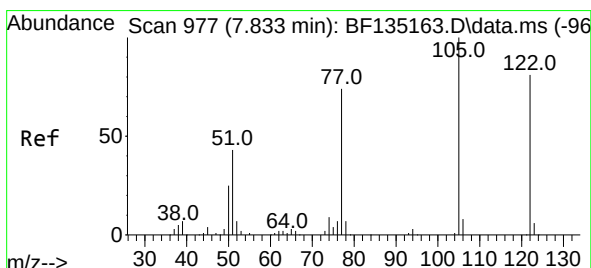
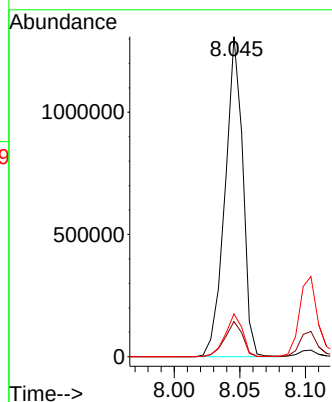
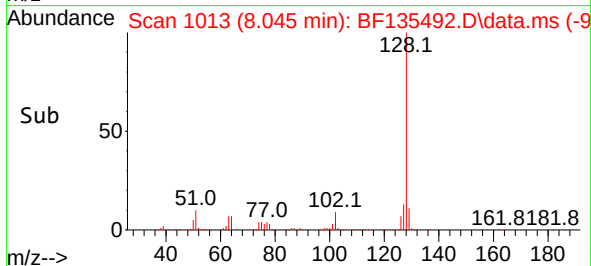
127 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#32

Benzoic acid

Concen: 39.962 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

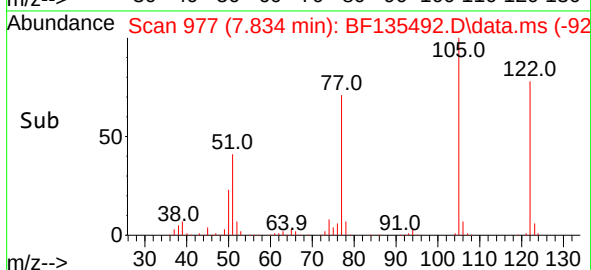
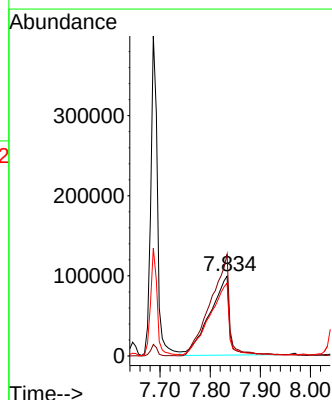
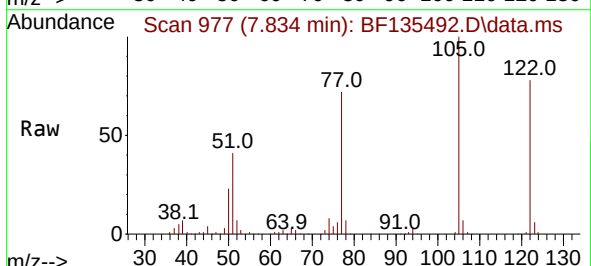
Tgt Ion:122 Resp: 269685

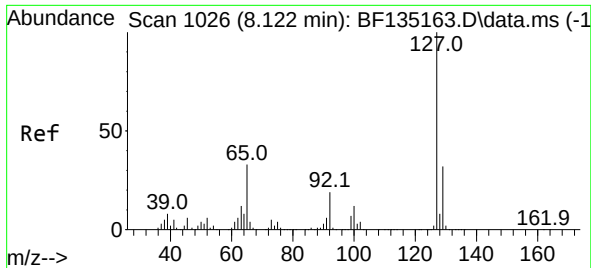
Ion Ratio Lower Upper

122 100

105 127.6 99.9 139.9

77 91.5 70.0 110.0





#33

4-Chloroaniline

Concen: 26.203 ng

RT: 8.104 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

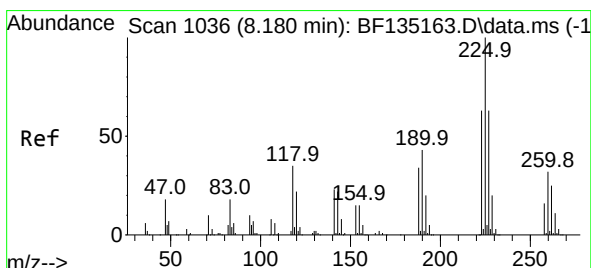
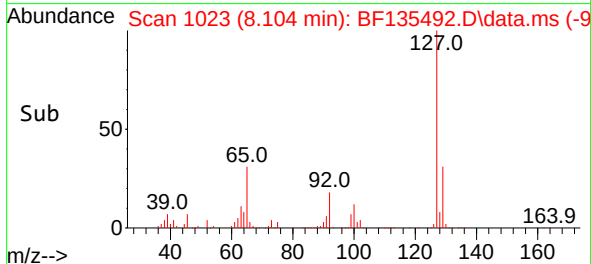
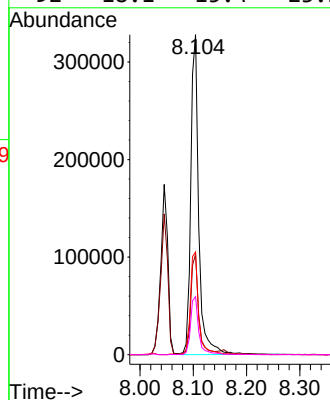
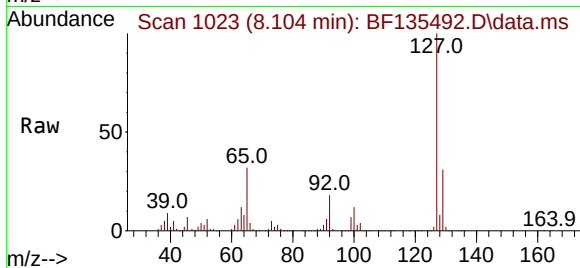
Tgt Ion:	127	Resp:	341088
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.8
65	32.1	26.6	39.8
92	18.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#34

Hexachlorobutadiene

Concen: 38.729 ng

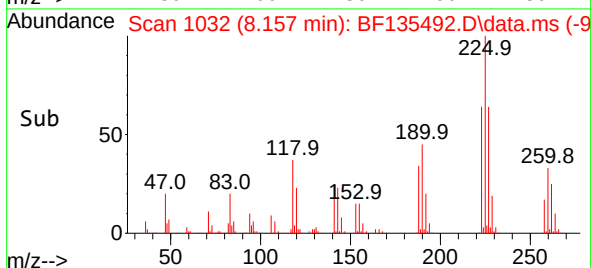
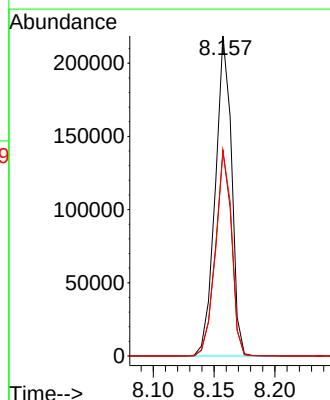
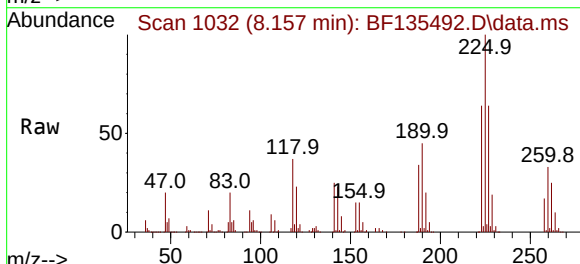
RT: 8.157 min Scan# 1032

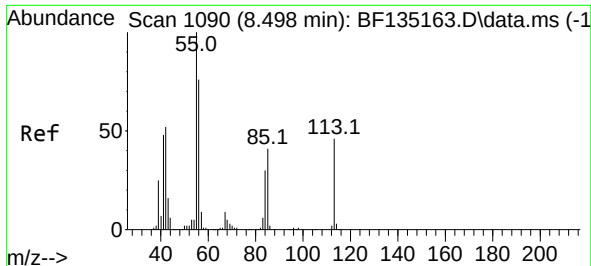
Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

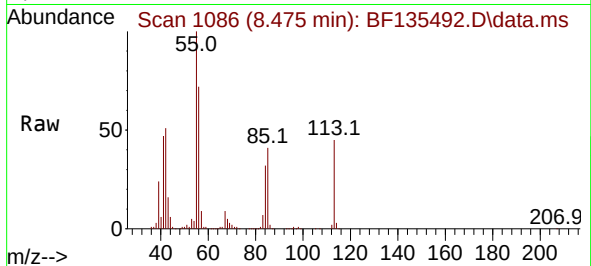
Tgt Ion:	225	Resp:	202704
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.6	75.8
227	63.9	50.8	76.2





#35
Caprolactam
Concen: 43.355 ng m
RT: 8.475 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

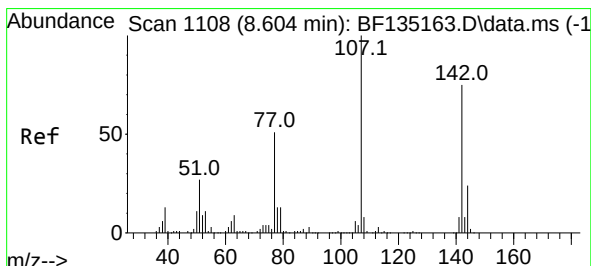
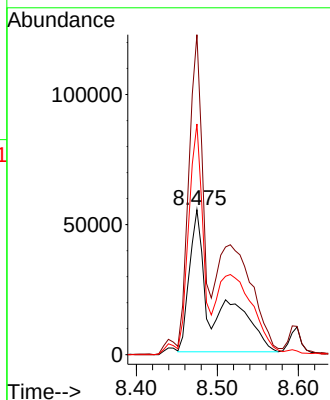
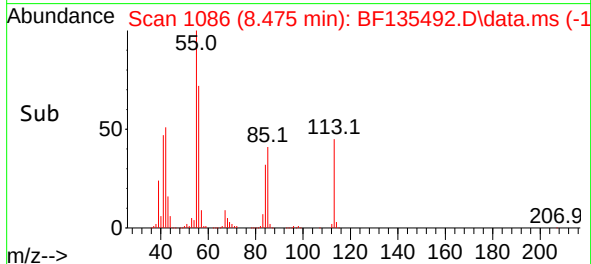
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:113 Resp: 120835
Ion Ratio Lower Upper
113 100
55 220.7 199.3 239.3
56 159.2 146.3 186.3

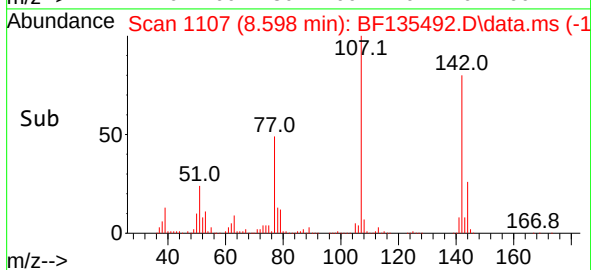
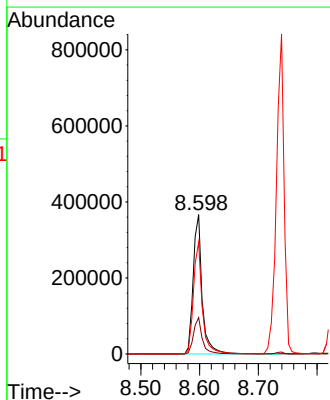
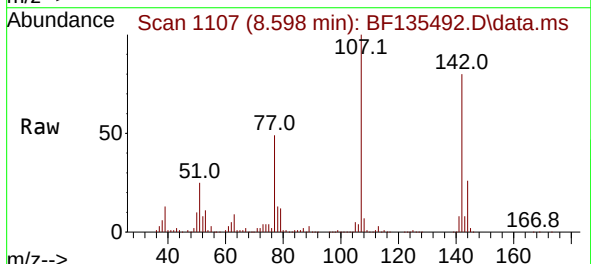
Manual Integrations
APPROVED

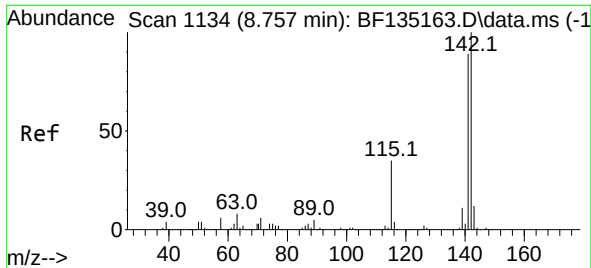
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#36
4-Chloro-3-methylphenol
Concen: 42.369 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

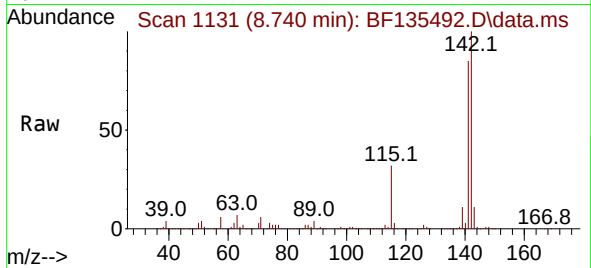
Tgt Ion:107 Resp: 391051
Ion Ratio Lower Upper
107 100
144 26.1 19.0 28.4
142 80.2 60.2 90.2





#37
2-Methylnaphthalene
Concen: 38.402 ng
RT: 8.740 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

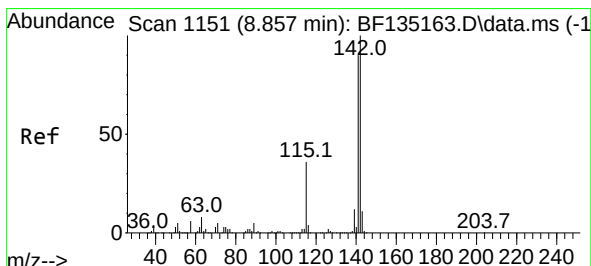
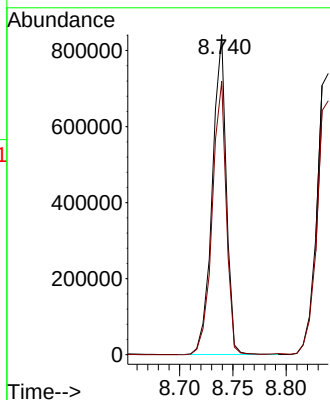
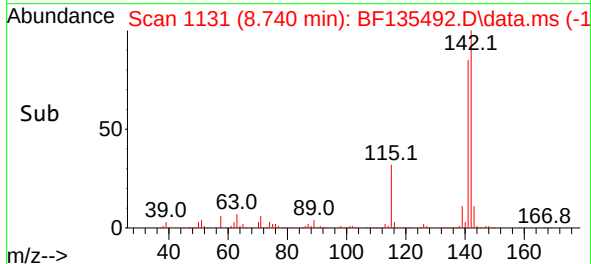
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



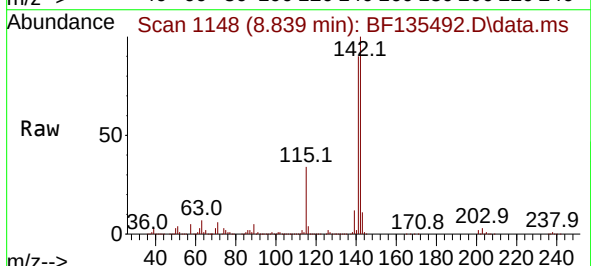
Tgt Ion:142 Resp: 765860
Ion Ratio Lower Upper
142 100
141 85.4 71.0 106.6

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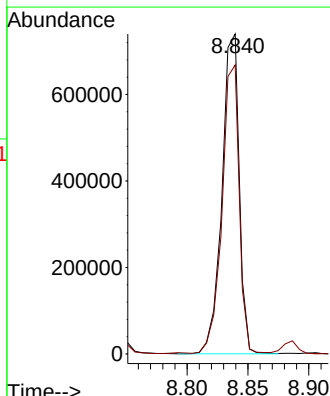
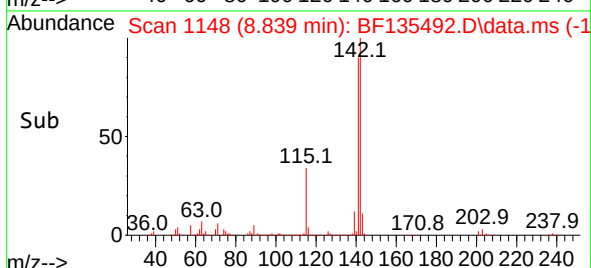
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

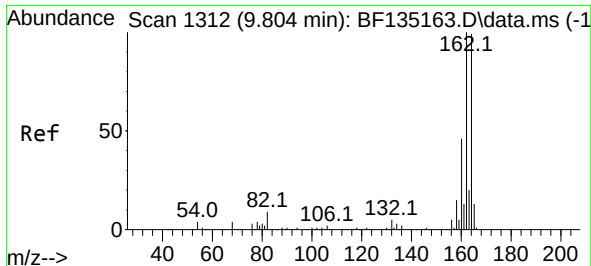


#38
1-Methylnaphthalene
Concen: 39.116 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



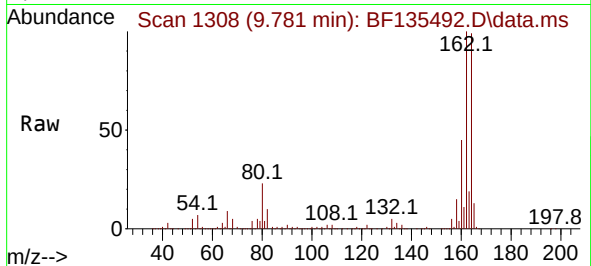
Tgt Ion:142 Resp: 730364
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

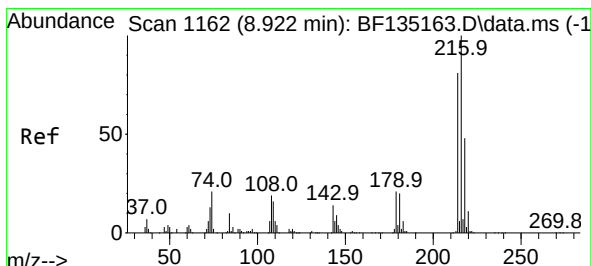
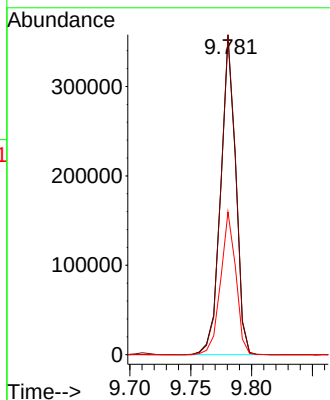
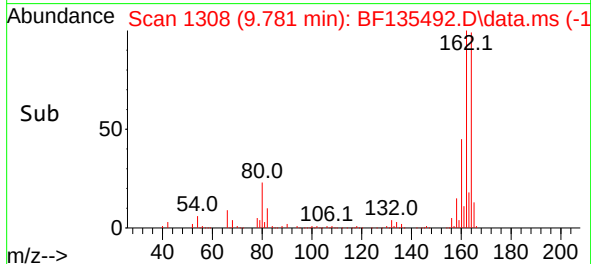
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



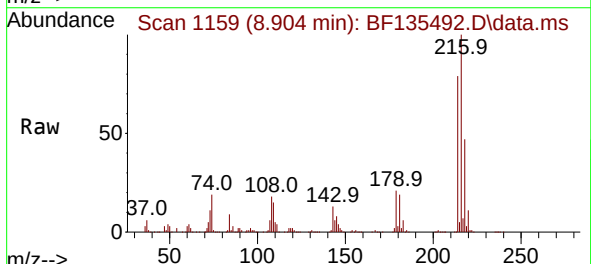
Tgt Ion:164 Resp: 305360
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 45.0 37.0 55.4

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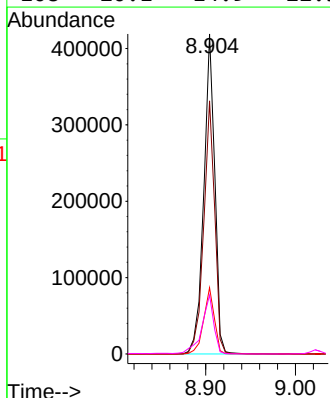
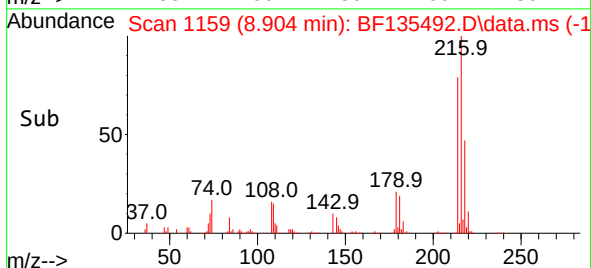
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

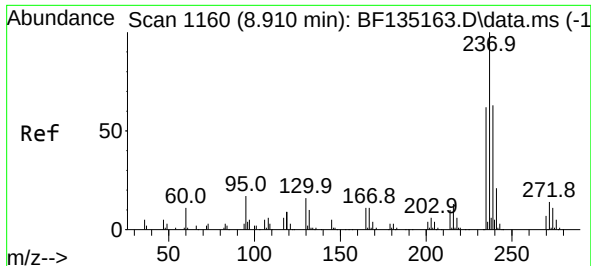


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.161 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:216 Resp: 355289
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.3 16.7 25.1
108 20.1 14.9 22.3





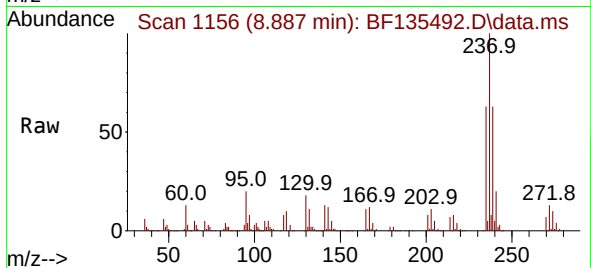
#41
Hexachlorocyclopentadiene
Concen: 51.991 ng
RT: 8.887 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

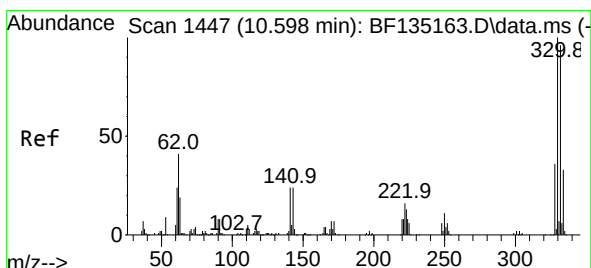
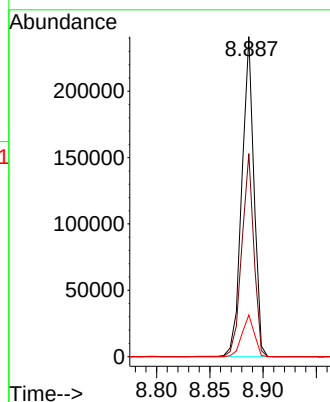
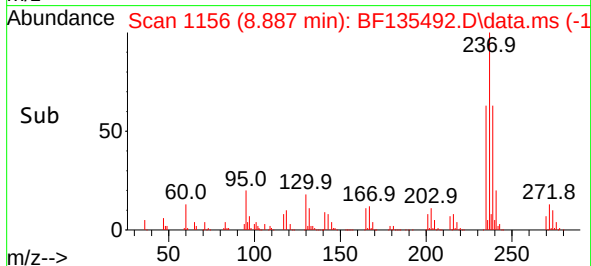


Tgt Ion:237 Resp: 191560
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.0 0.0 33.6

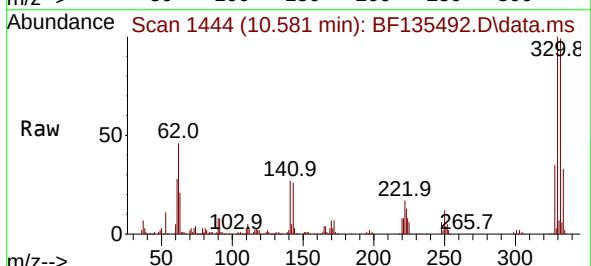
Manual Integrations

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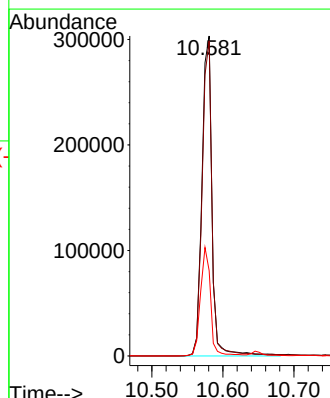
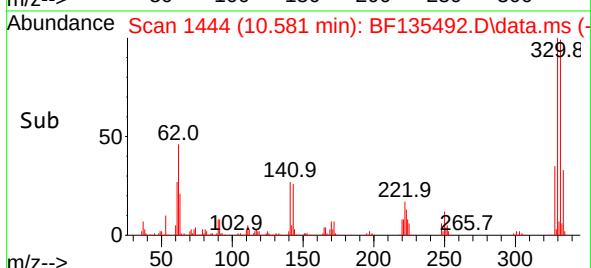
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

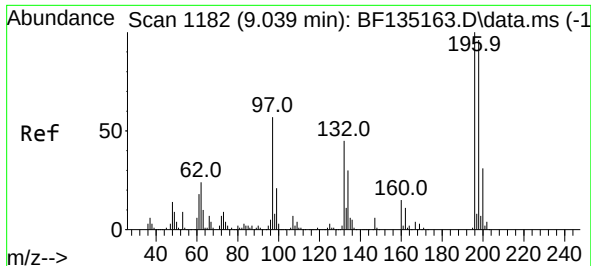


#42
2,4,6-Tribromophenol
Concen: 98.519 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



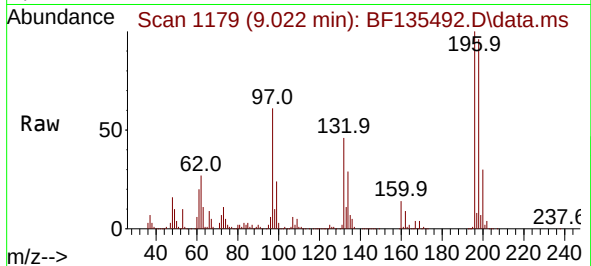
Tgt Ion:330 Resp: 298961
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 34.2 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 40.218 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

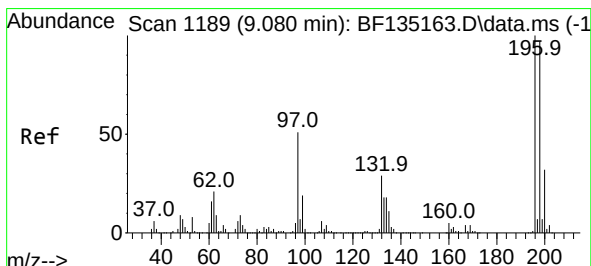
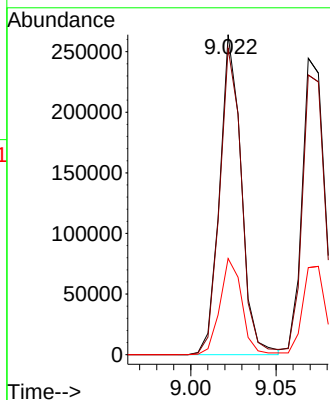
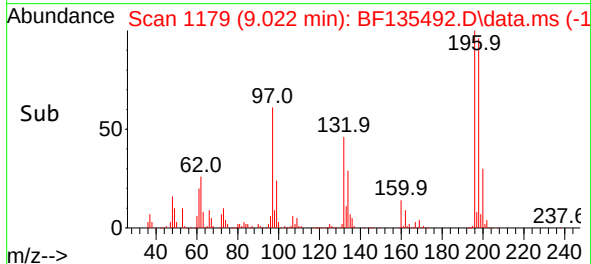
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



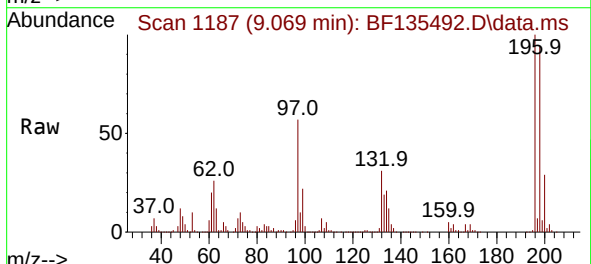
Tgt Ion:196 Resp: 232950
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
200 30.1 24.5 36.7

Manual Integrations
APPROVED

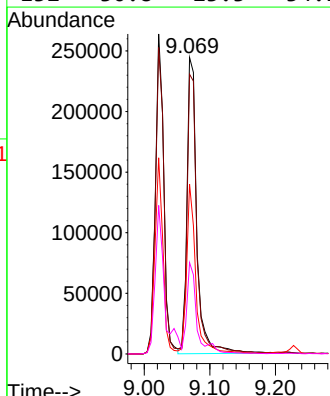
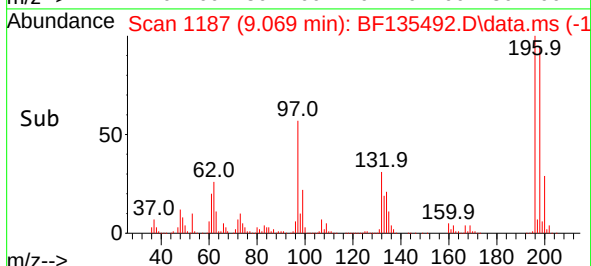
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

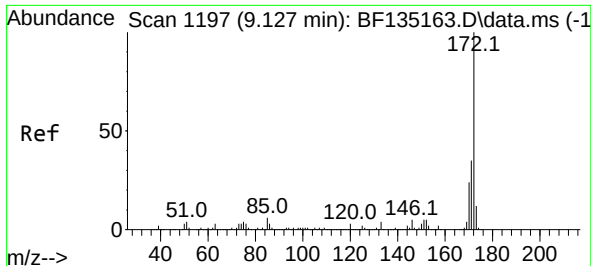


#44
2,4,5-Trichlorophenol
Concen: 38.281 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:196 Resp: 255348
Ion Ratio Lower Upper
196 100
198 94.4 77.5 116.3
97 57.3 40.5 60.7
132 30.8 23.3 34.9





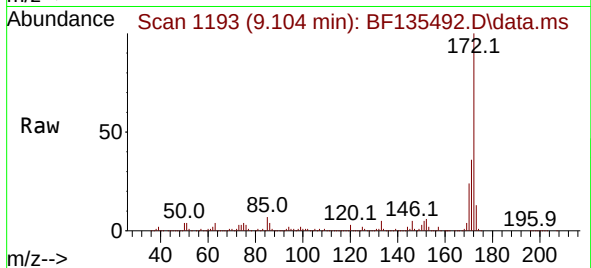
#45
2-Fluorobiphenyl
Concen: 70.273 ng
RT: 9.104 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

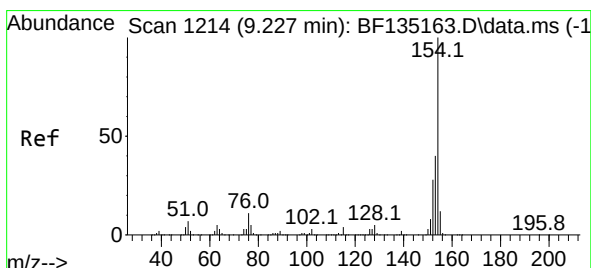
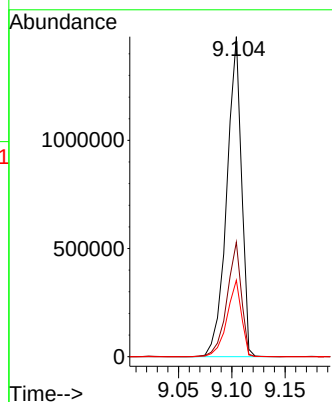
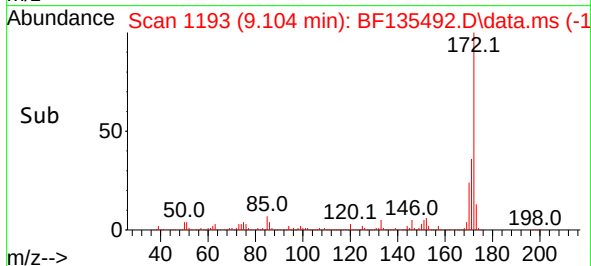


Tgt Ion:172 Resp: 1422309
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.9 19.0 28.4

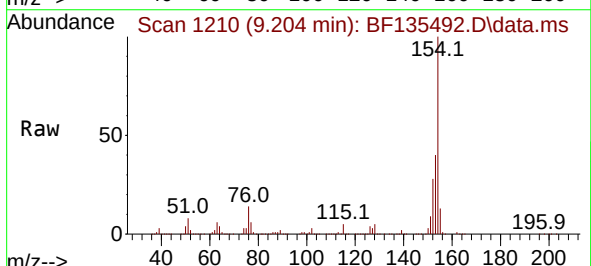
Manual Integrations

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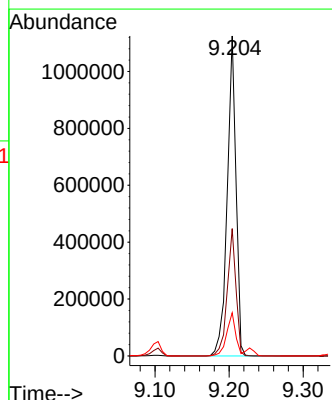
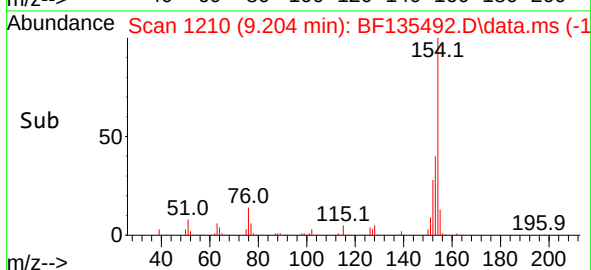
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

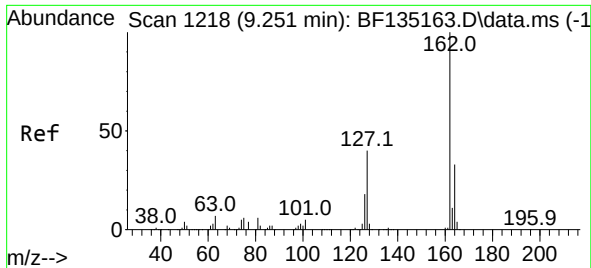


#46
1,1'-Biphenyl
Concen: 39.655 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



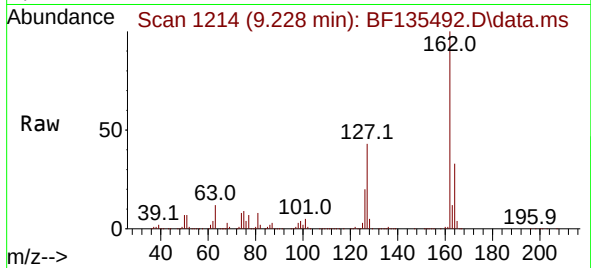
Tgt Ion:154 Resp: 930565
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 13.5 0.0 31.0





#47
2-Chloronaphthalene
Concen: 41.841 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

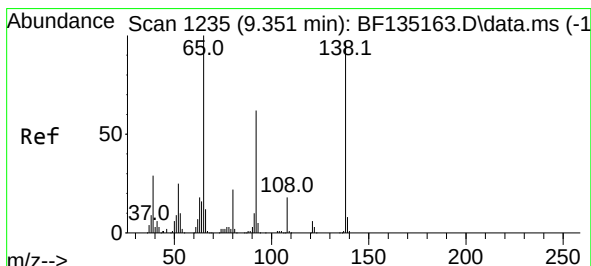
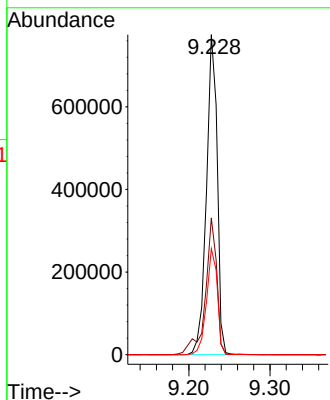
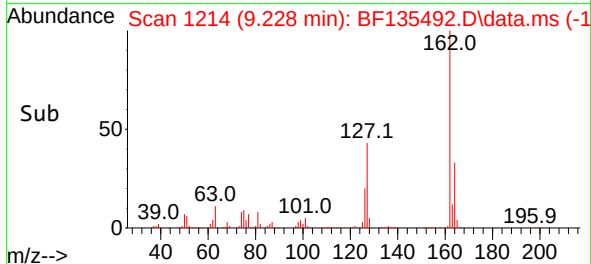
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



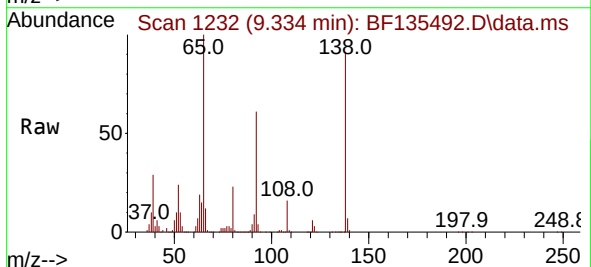
Tgt Ion:162 Resp: 712400
Ion Ratio Lower Upper
162 100
127 42.7 32.6 48.8
164 33.1 26.2 39.2

Manual Integrations
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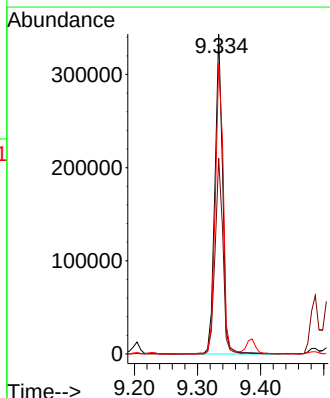
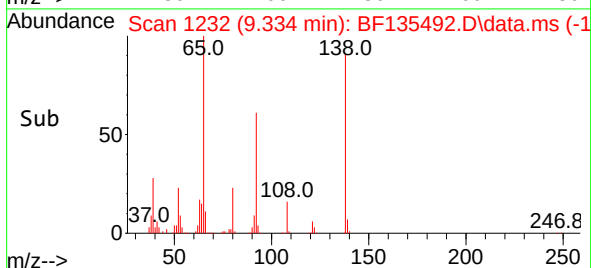
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

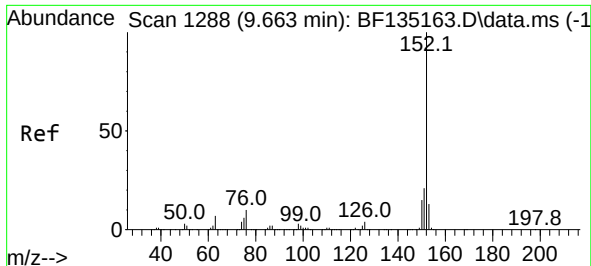


#48
2-Nitroaniline
Concen: 43.828 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



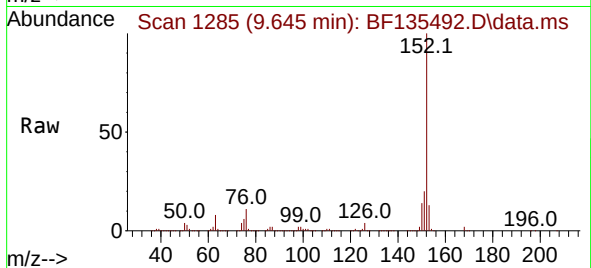
Tgt Ion: 65 Resp: 289906
Ion Ratio Lower Upper
65 100
92 61.2 49.4 74.0
138 90.8 77.4 116.0





#49
Acenaphthylene
Concen: 40.773 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

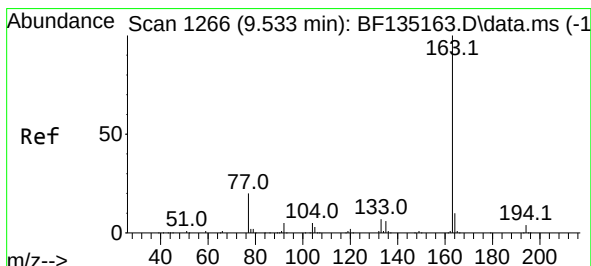
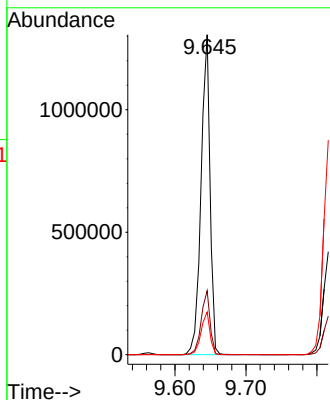
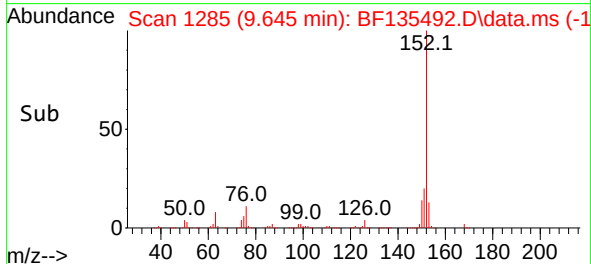
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



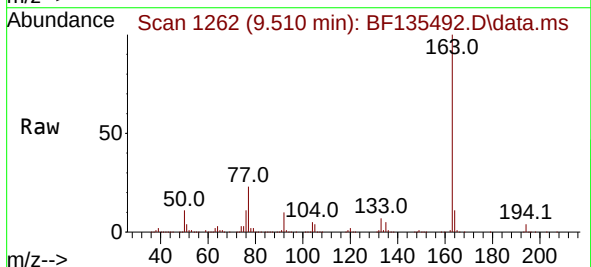
Tgt Ion:152 Resp: 115371
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.3 10.4 15.6

Manual Integrations
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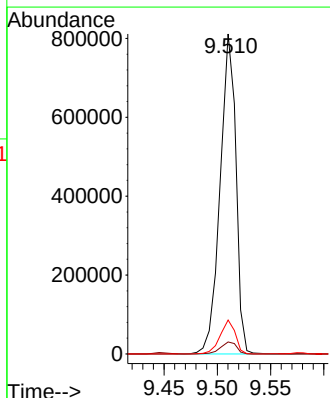
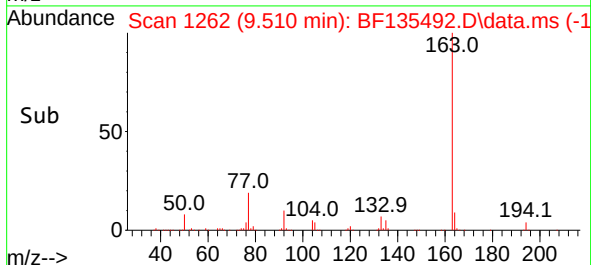
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

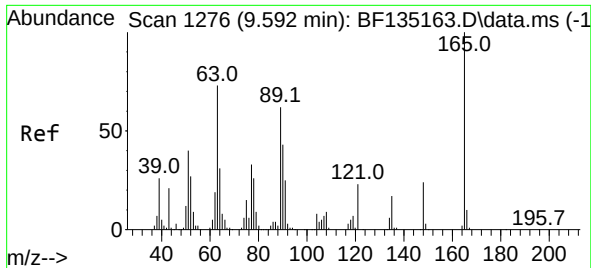


#50
Dimethylphthalate
Concen: 40.508 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



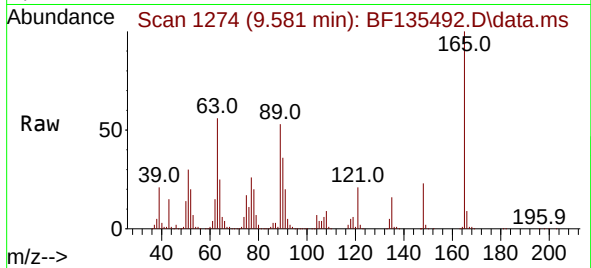
Tgt Ion:163 Resp: 836298
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.826 ng
RT: 9.581 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

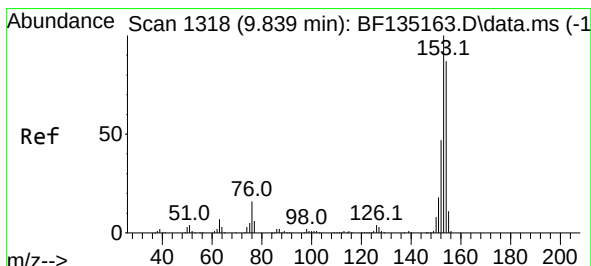
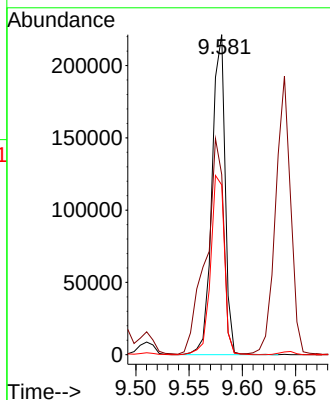
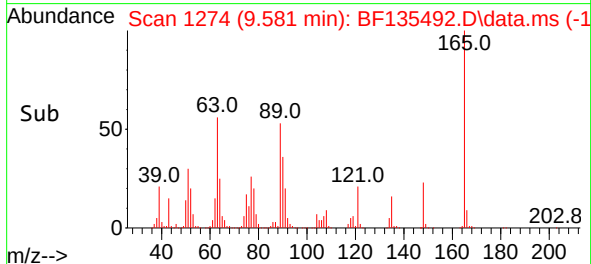
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



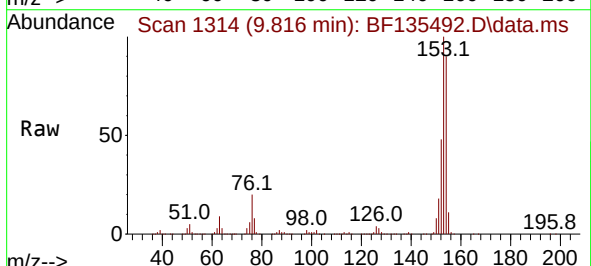
Tgt Ion:165 Resp: 189160
Ion Ratio Lower Upper
165 100
63 56.3 59.4 89.2
89 53.1 49.8 74.8

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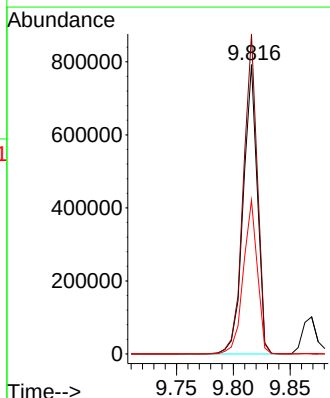
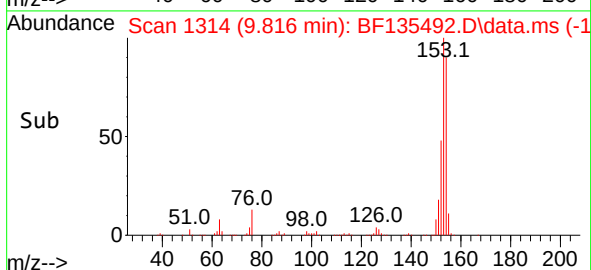
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

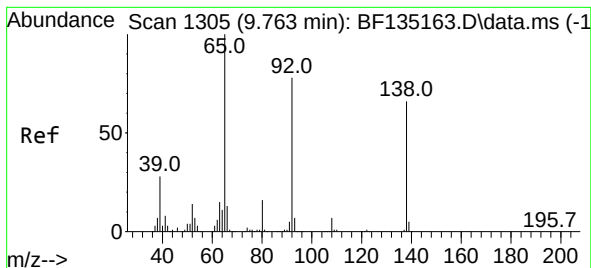


#52
Acenaphthene
Concen: 40.703 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:154 Resp: 680388
Ion Ratio Lower Upper
154 100
153 110.6 92.1 138.1
152 53.1 43.1 64.7





#53

3-Nitroaniline

Concen: 33.103 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

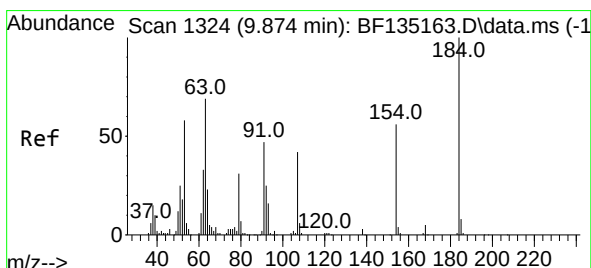
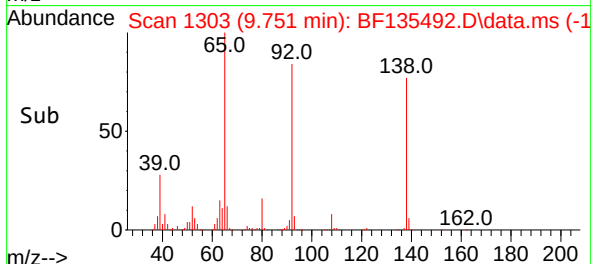
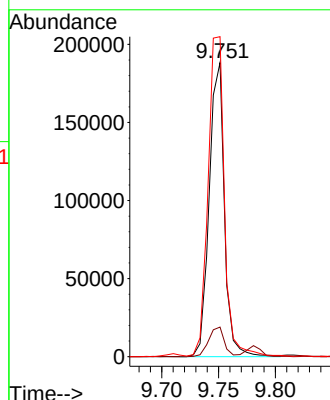
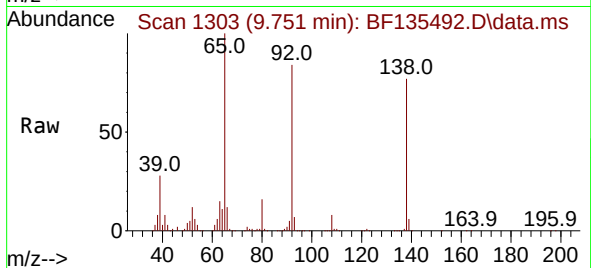
PB155842BSD

Tgt Ion:138 Resp: 17574
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.5 12.7
 92 108.8 95.4 143.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023



#54

2,4-Dinitrophenol

Concen: 72.505 ng

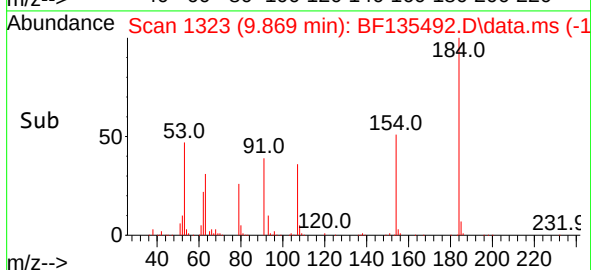
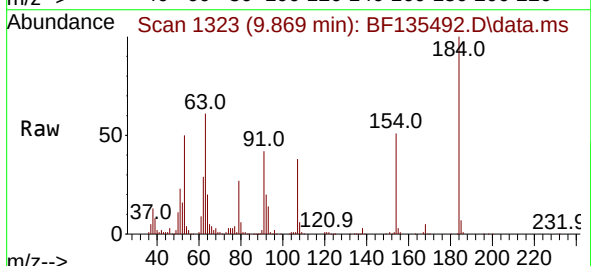
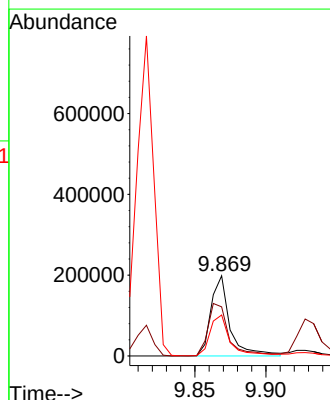
RT: 9.869 min Scan# 1323

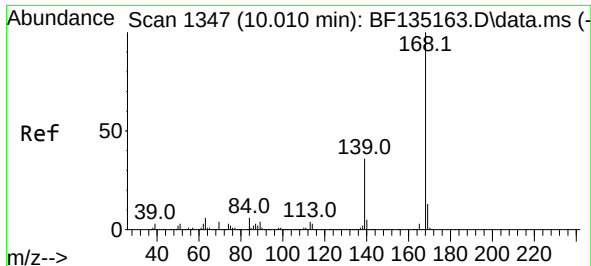
Delta R.T. 0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

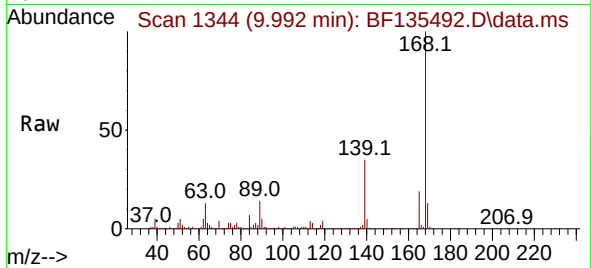
Tgt Ion:184 Resp: 184529
 Ion Ratio Lower Upper
 184 100
 63 61.4 55.1 82.7
 154 51.2 48.4 72.6





#55
Dibenzenofuran
Concen: 37.978 ng
RT: 9.992 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

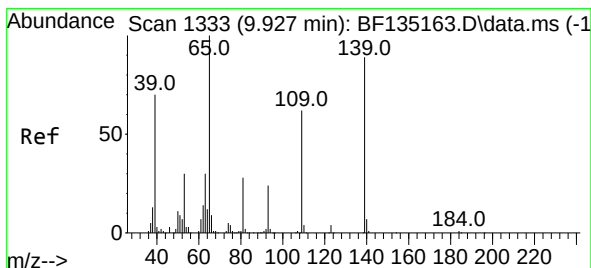
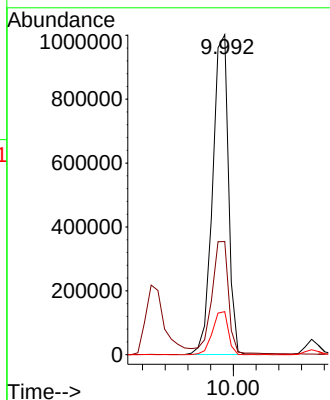
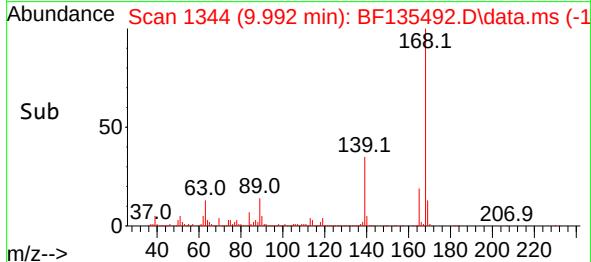
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:168 Resp: 968750
Ion Ratio Lower Upper
168 100
139 35.3 29.0 43.6
169 13.4 10.4 15.6

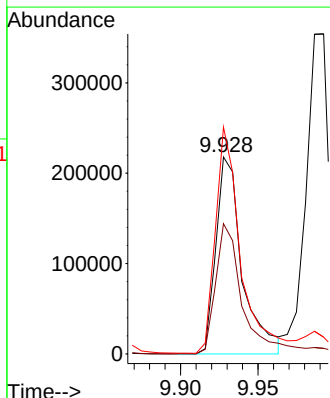
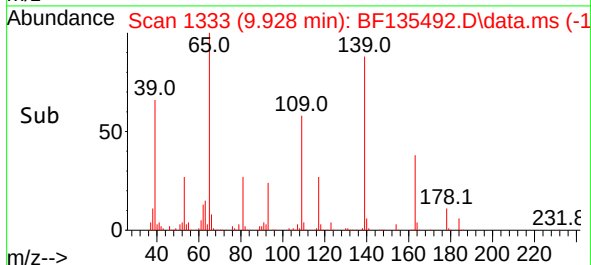
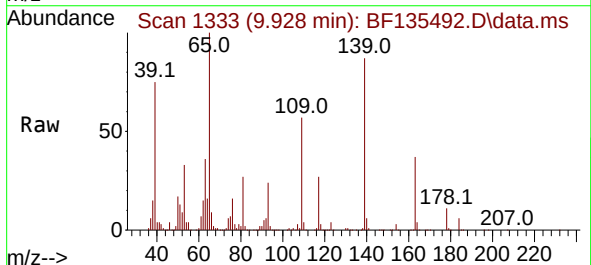
Manual Integrations
APPROVED

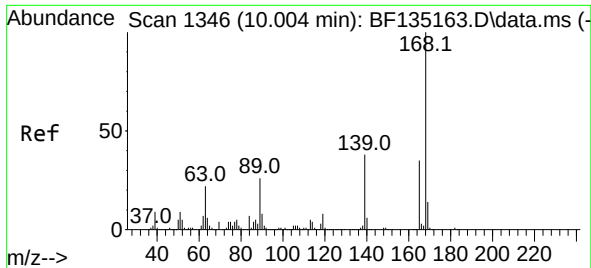
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#56
4-Nitrophenol
Concen: 76.123 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

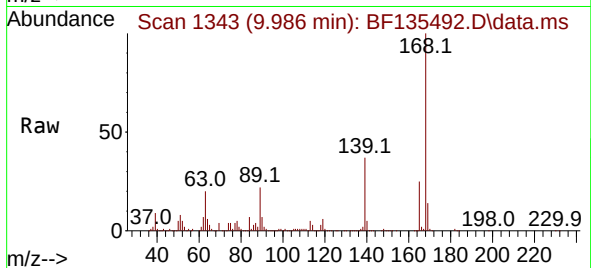
Tgt Ion:139 Resp: 256848
Ion Ratio Lower Upper
139 100
109 66.1 49.8 89.8
65 115.2 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 38.417 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

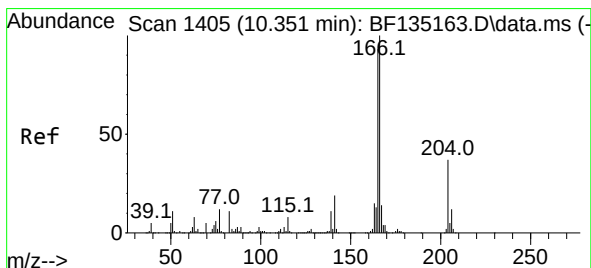
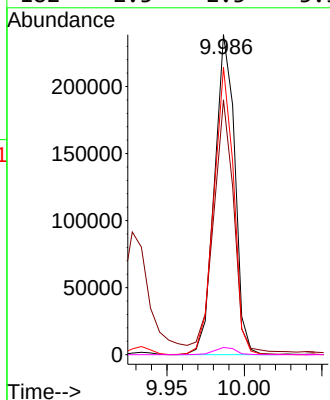
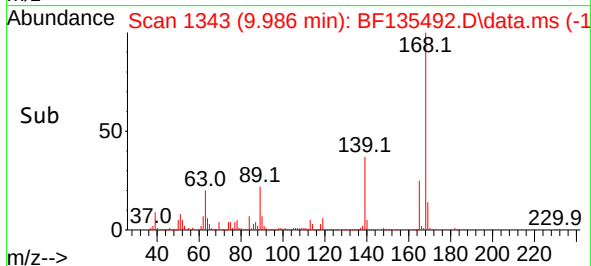
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



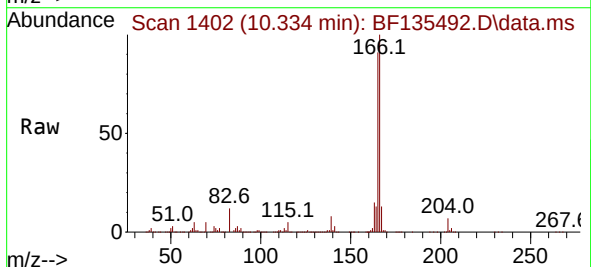
Tgt Ion:165 Resp: 21752
Ion Ratio Lower Upper
165 100
63 79.6 50.1 75.1
89 89.8 59.3 88.9
182 2.3 2.3 3.5

Manual Integrations
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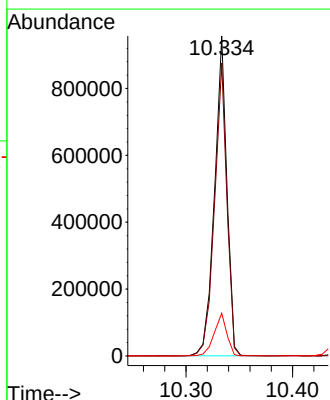
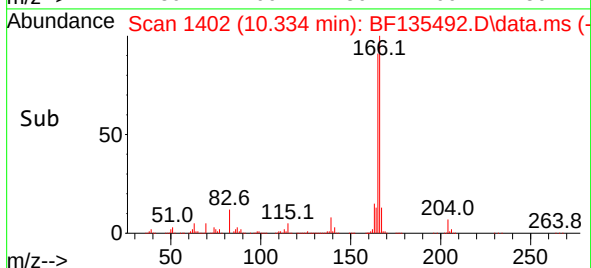
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

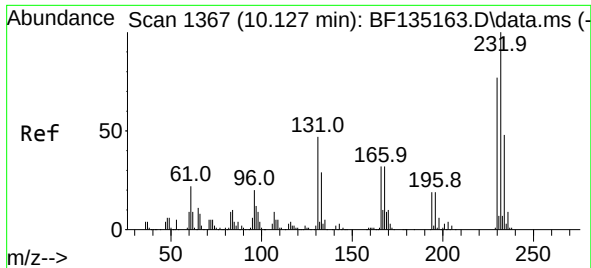


#58
Fluorene
Concen: 39.394 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



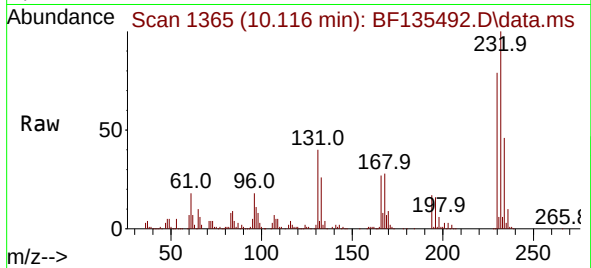
Tgt Ion:166 Resp: 772509
Ion Ratio Lower Upper
166 100
165 91.5 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.974 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

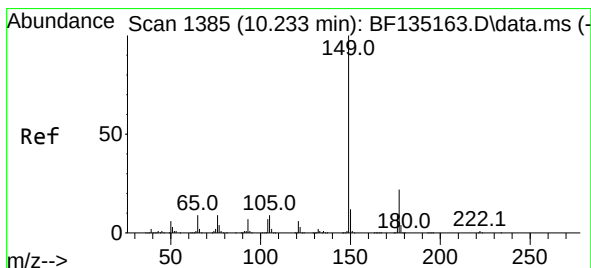
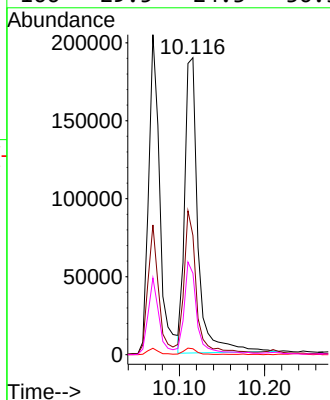
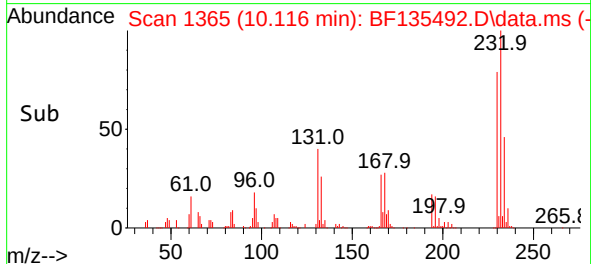
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:232 Resp: 20511
Ion Ratio Lower Upper
232 100
131 46.3 35.4 53.2
130 2.0 1.8 2.8
166 29.5 24.3 36.5

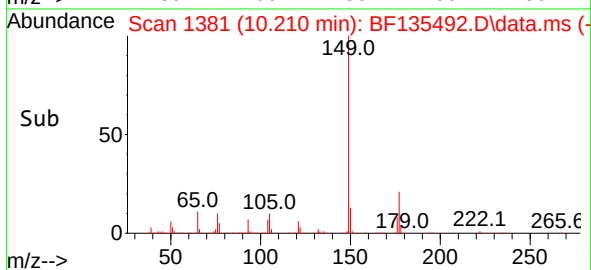
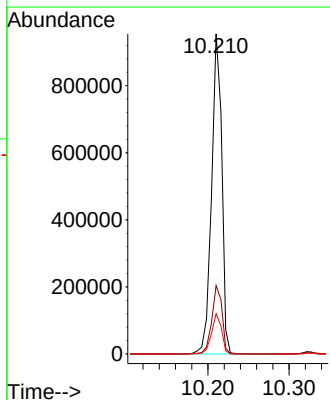
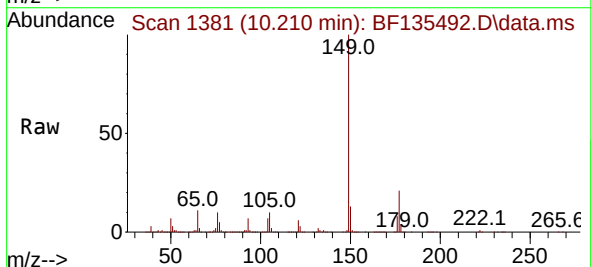
Manual Integrations
APPROVED

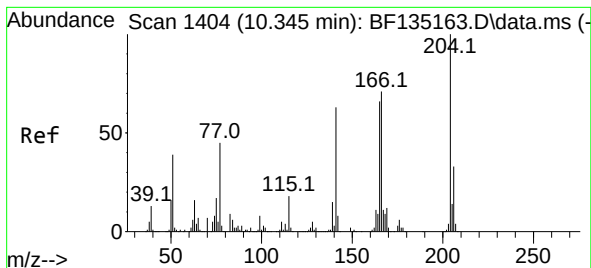
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#60
Diethylphthalate
Concen: 39.974 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

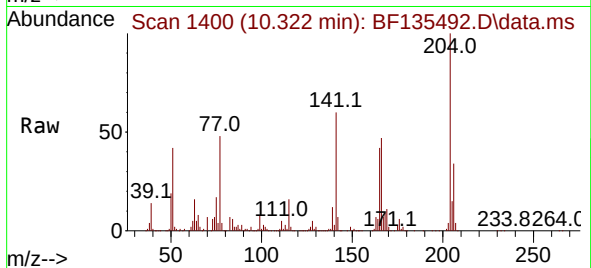
Tgt Ion:149 Resp: 828252
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.830 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

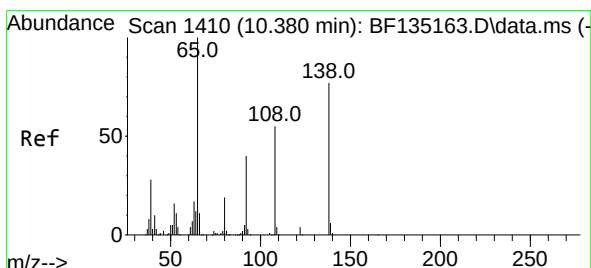
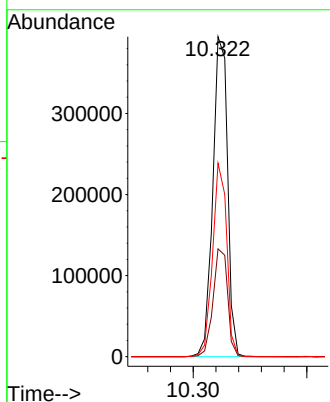
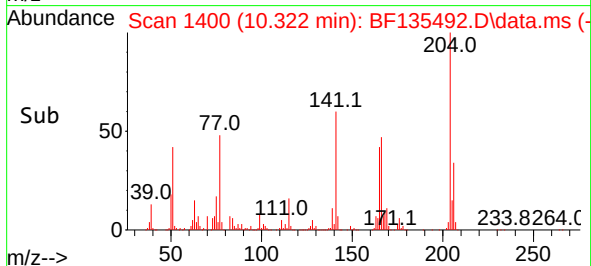
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:204 Resp: 35635
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 60.4 50.6 75.8

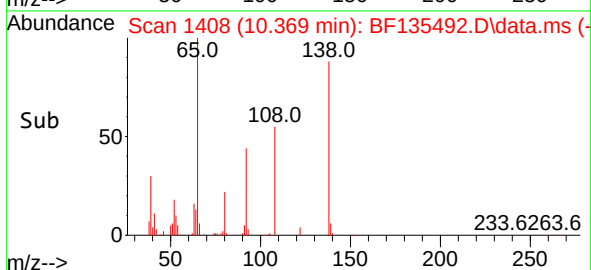
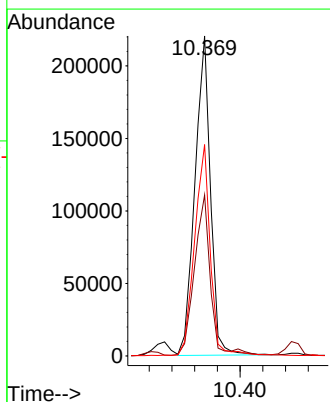
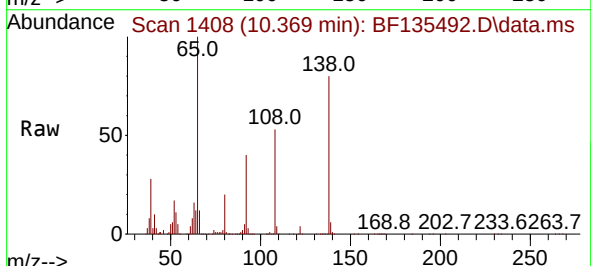
Manual Integrations
APPROVED

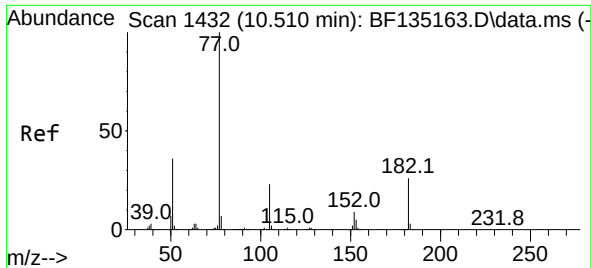
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#62
4-Nitroaniline
Concen: 41.022 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

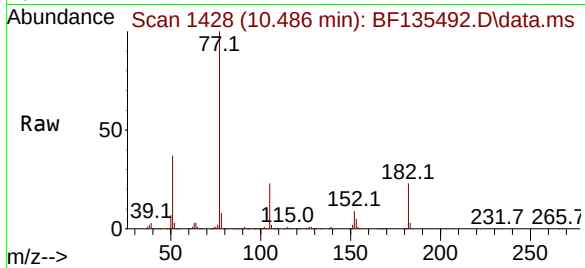
Tgt Ion:138 Resp: 209344
Ion Ratio Lower Upper
138 100
92 50.3 31.8 71.8
108 66.1 52.0 92.0





#63
Azobenzene
Concen: 42.492 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

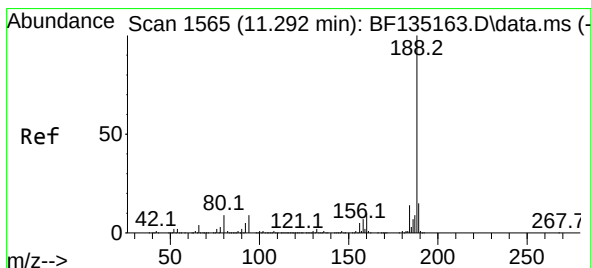
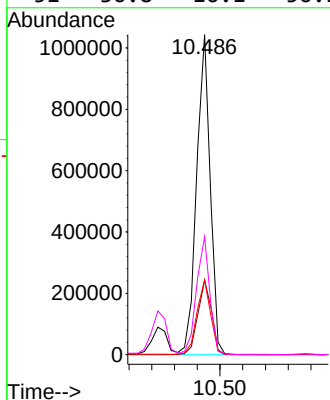
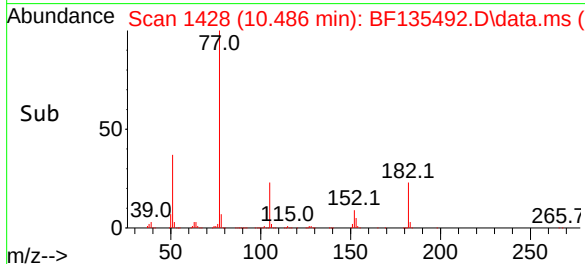
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



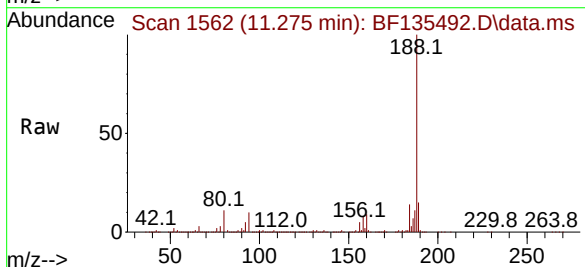
Tgt Ion: 77 Resp: 86166
Ion Ratio Lower Upper
77 100
182 23.2 6.4 46.4
105 23.4 3.1 43.1
51 36.8 16.1 56.1

Manual Integrations
APPROVED

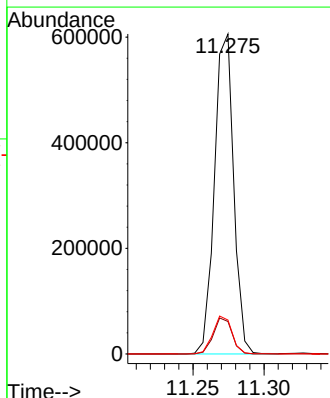
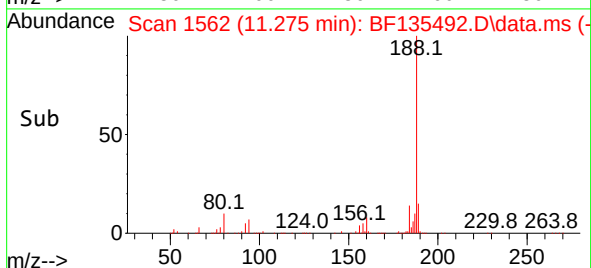
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

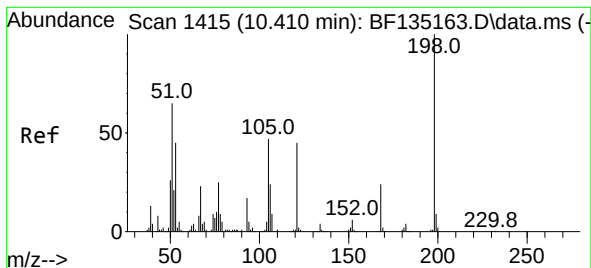


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



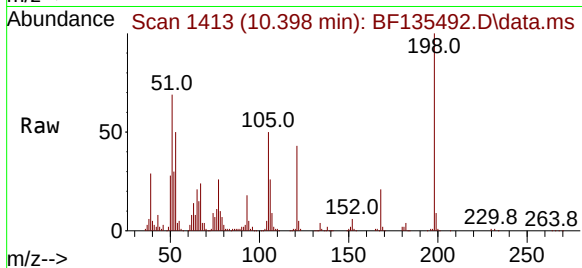
Tgt Ion:188 Resp: 569430
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.6 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 43.354 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

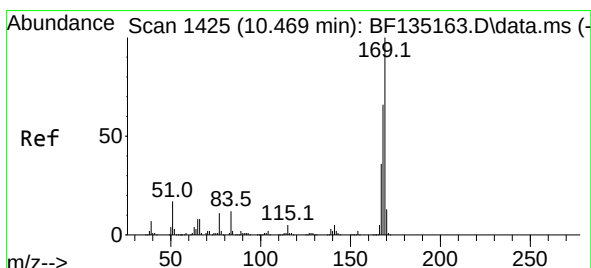
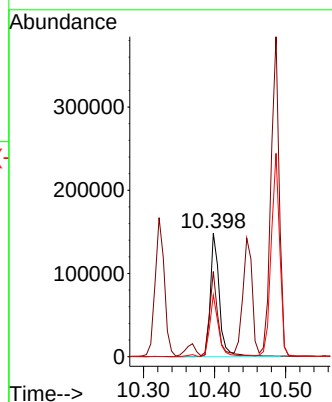
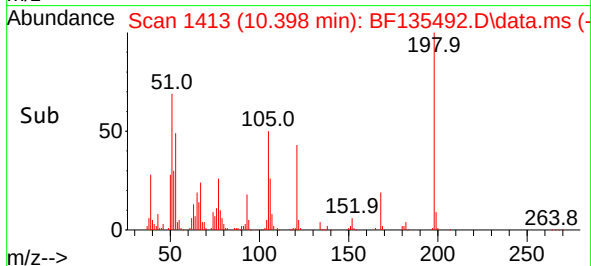
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



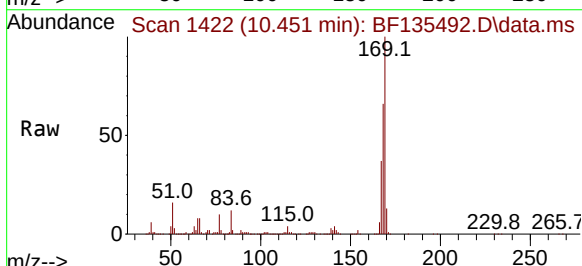
Tgt Ion:198 Resp: 131120
Ion Ratio Lower Upper
198 100
51 68.9 47.7 87.7
105 50.0 27.4 67.4

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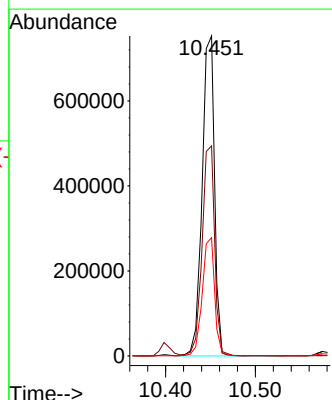
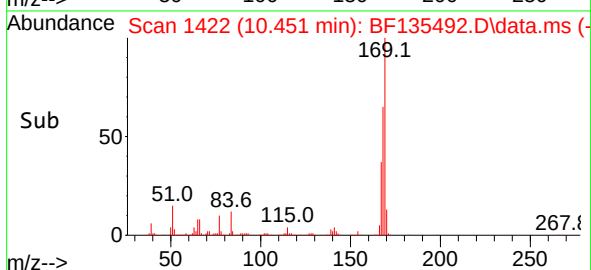
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

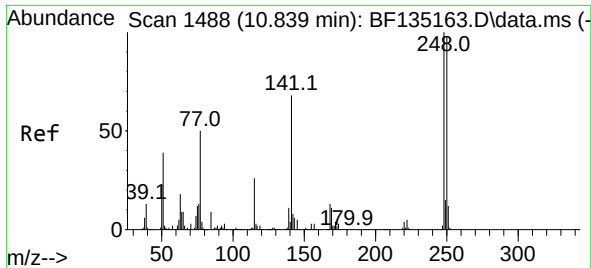


#66
n-Nitrosodiphenylamine
Concen: 41.796 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



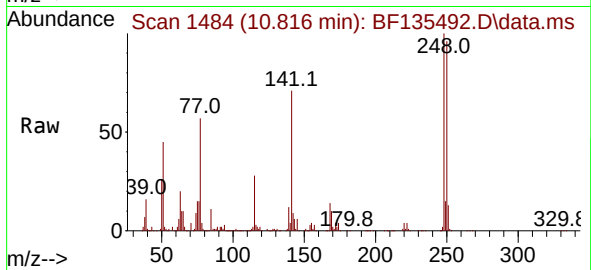
Tgt Ion:169 Resp: 720542
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 39.578 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

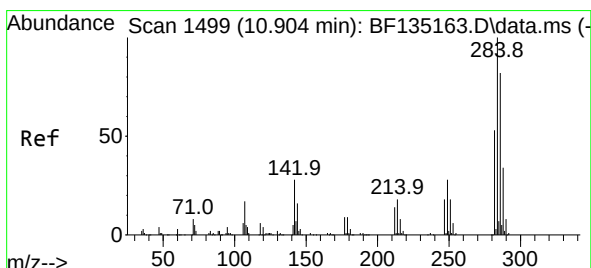
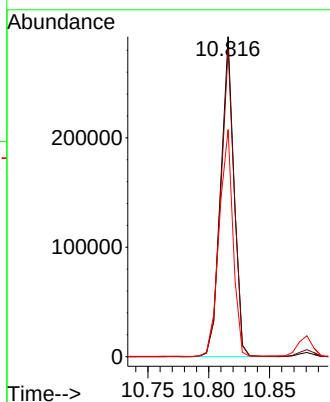
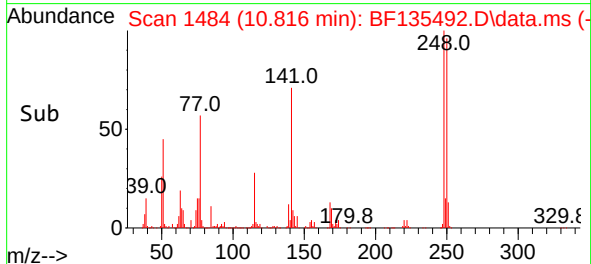
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:248 Resp: 224144
Ion Ratio Lower Upper
248 100
250 96.0 78.6 117.8
141 71.0 54.2 81.2

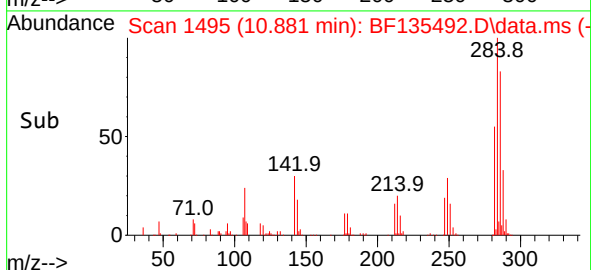
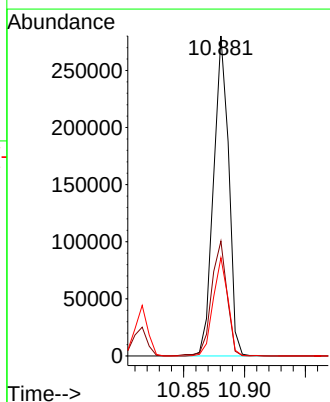
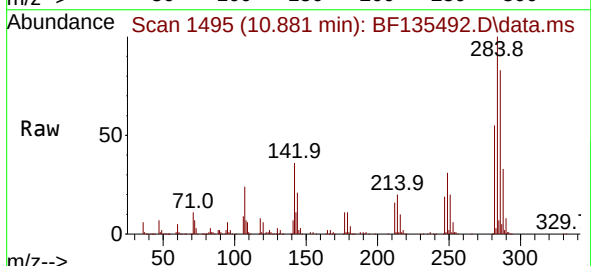
Manual Integrations
APPROVED

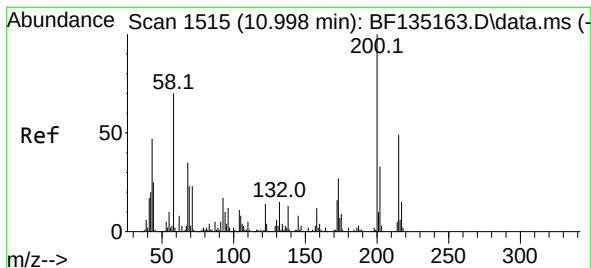
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#68
Hexachlorobenzene
Concen: 41.979 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:284 Resp: 242205
Ion Ratio Lower Upper
284 100
142 35.9 22.2 33.4#
249 30.7 22.5 33.7





#69

Atrazine

Concen: 46.390 ng

RT: 10.981 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

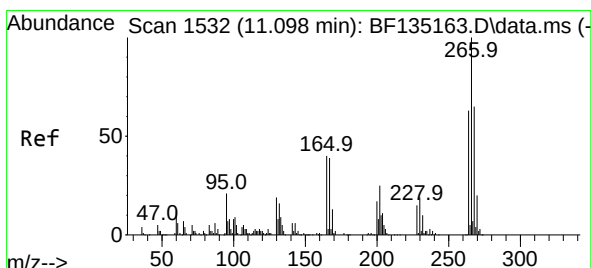
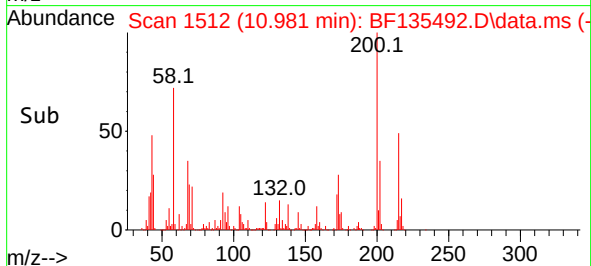
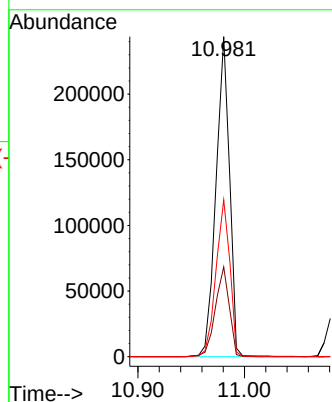
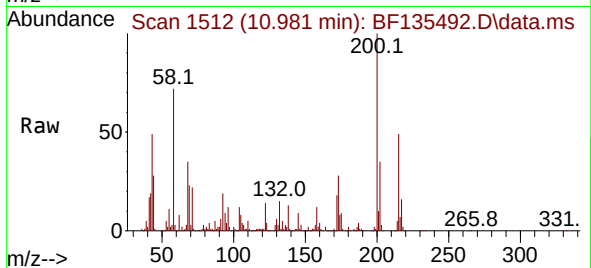
Tgt Ion:200 Resp: 21518
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.4 47.4
 215 49.0 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#70

Pentachlorophenol

Concen: 53.689 ng

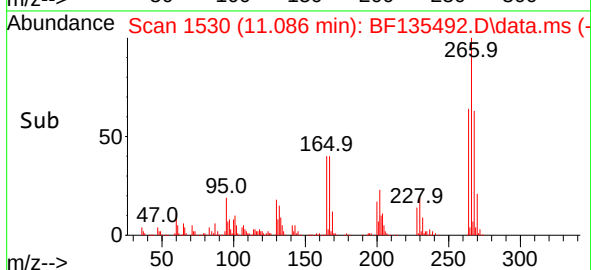
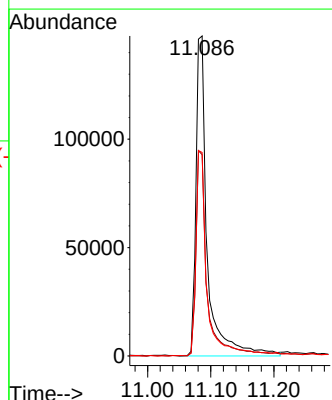
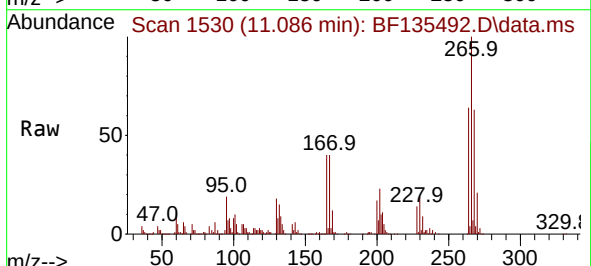
RT: 11.086 min Scan# 1530

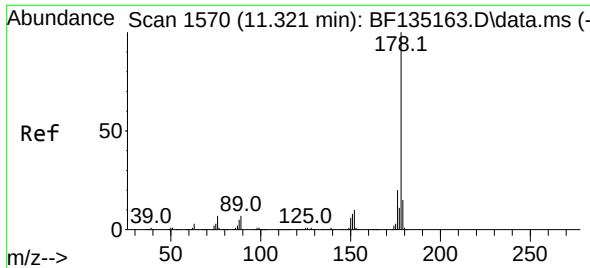
Delta R.T. 0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:266 Resp: 185334
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.1 78.1
 264 63.6 50.8 76.2





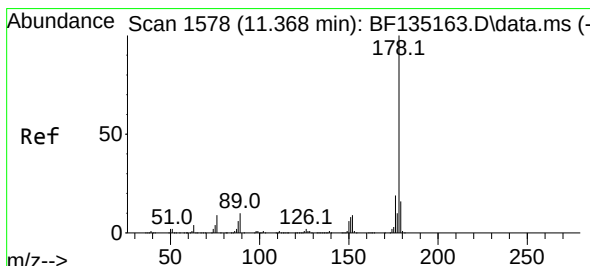
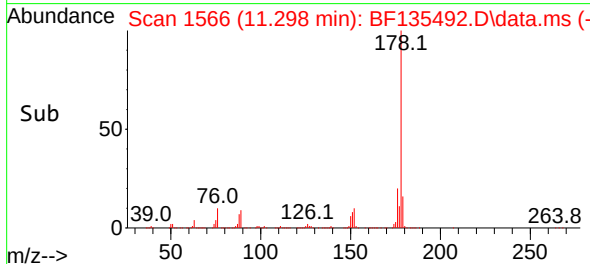
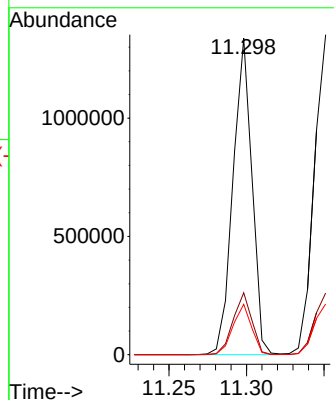
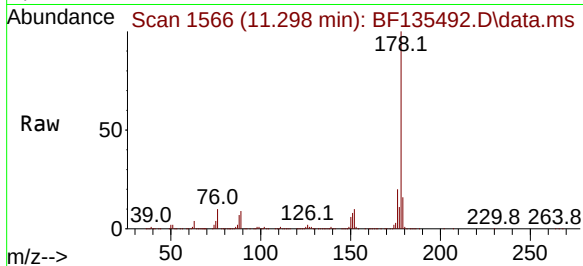
#71
Phenanthrene
Concen: 42.202 ng
RT: 11.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB155842BSD

Tgt Ion:178 Resp: 1136554
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.9 12.0 18.0

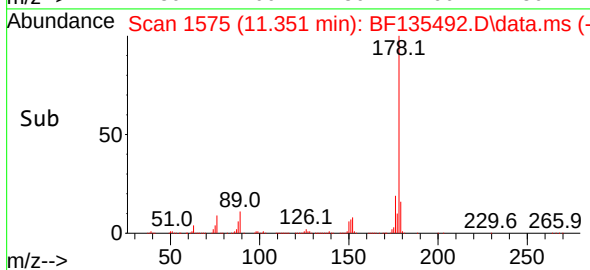
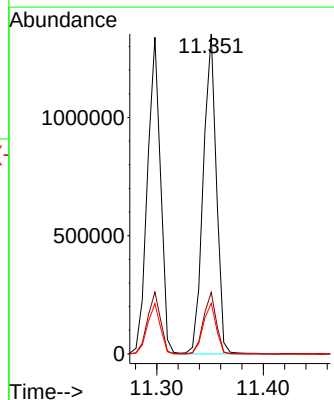
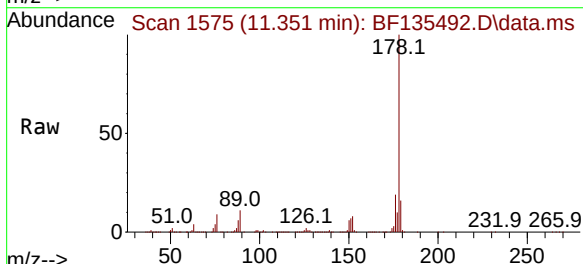
Manual Integrations
APPROVED

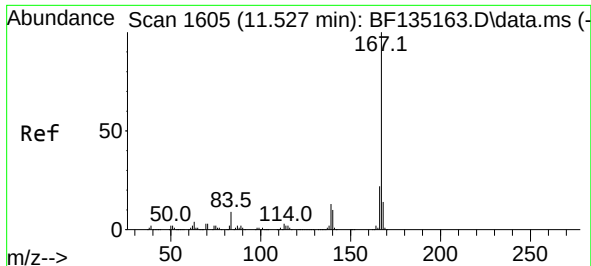
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#72
Anthracene
Concen: 41.906 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

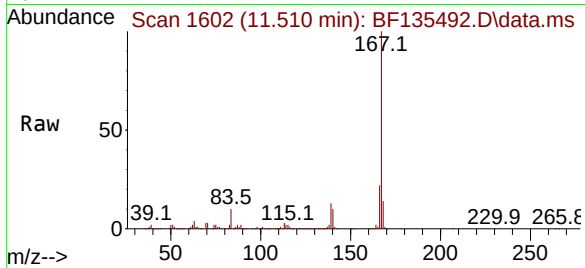
Tgt Ion:178 Resp: 1160079
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 44.763 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

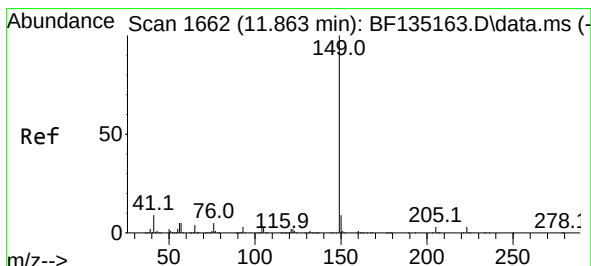
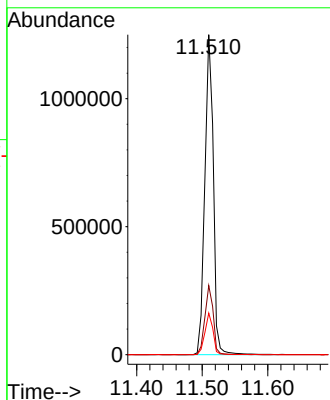
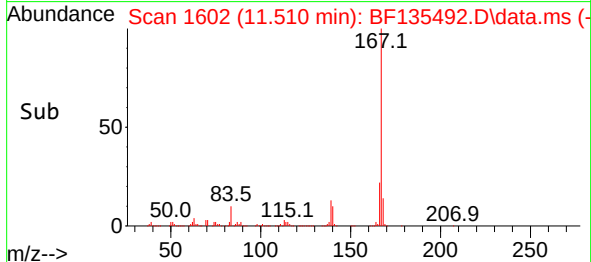
Instrument :
 BNA_F
 ClientSampleId :
 PB155842BSD



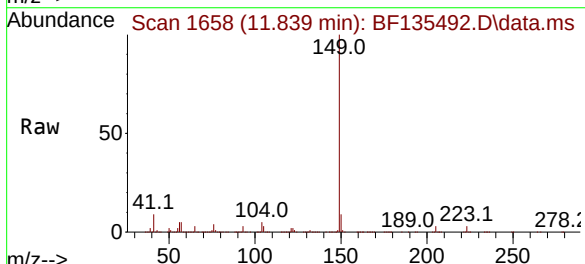
Tgt Ion:167 Resp: 112804
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.0 10.6 15.8

Manual Integrations
 APPROVED

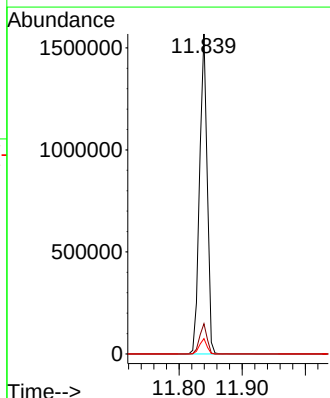
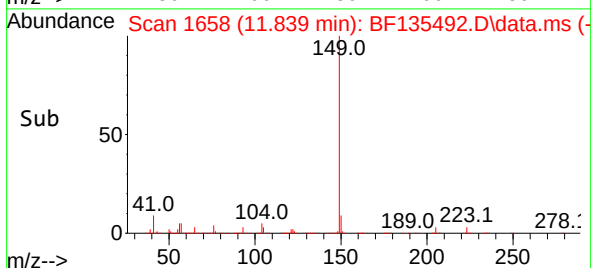
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023

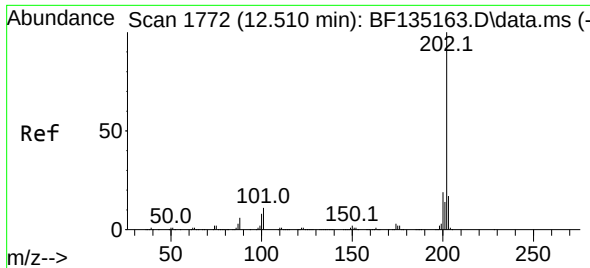


#74
 Di-n-butylphthalate
 Concen: 44.155 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27



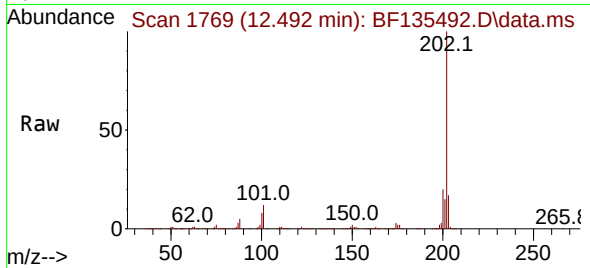
Tgt Ion:149 Resp: 1311151
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 42.528 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

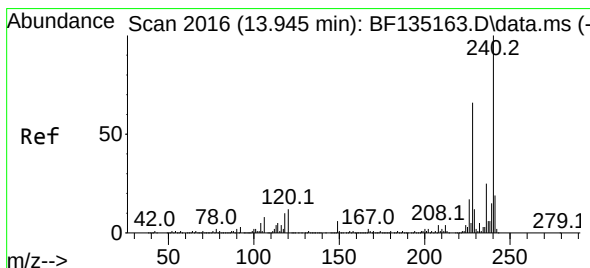
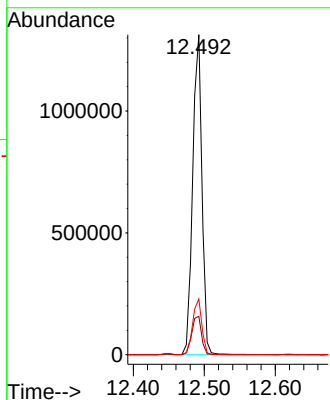
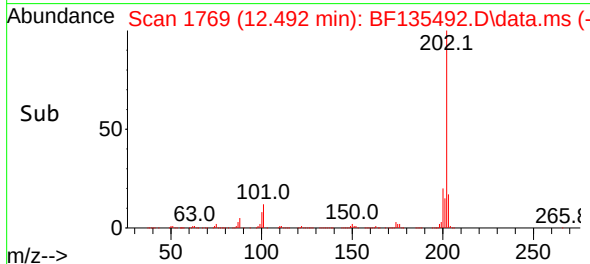
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



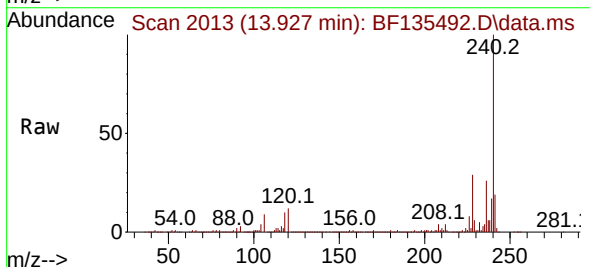
Tgt Ion:202 Resp: 1193439
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.3
203 17.4 0.0 37.4

Manual Integrations
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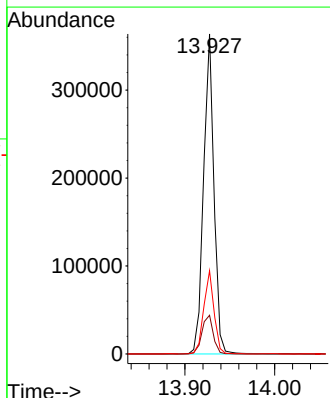
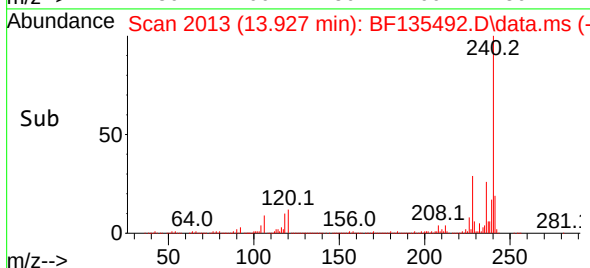
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

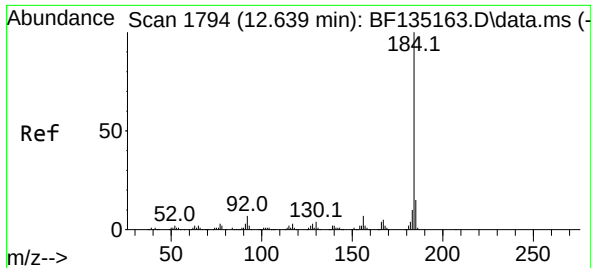


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



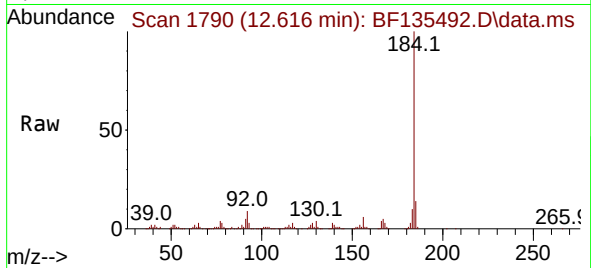
Tgt Ion:240 Resp: 292104
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 26.0 19.8 29.8





#77
Benzidine
Concen: 43.513 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

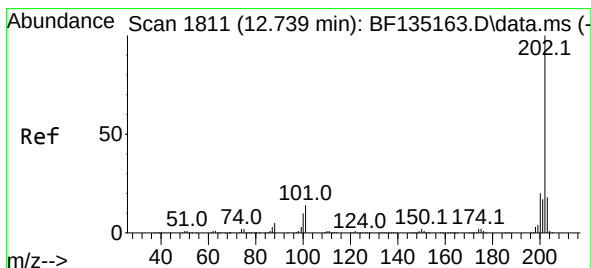
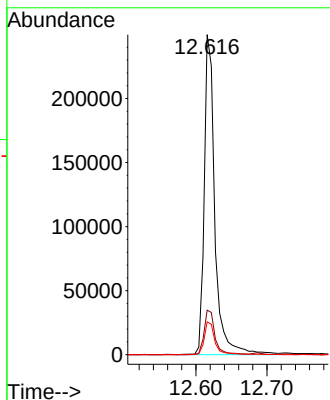
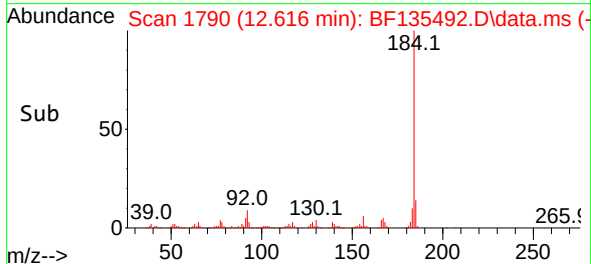
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



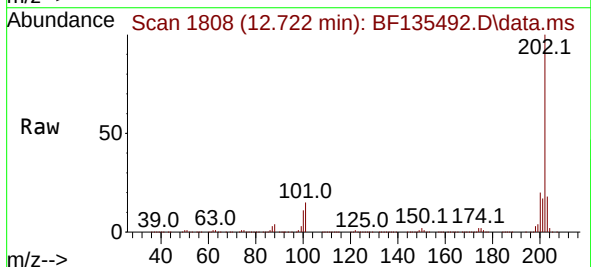
Tgt Ion:184 Resp: 260390
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.2 8.2 12.4

Manual Integrations
APPROVED

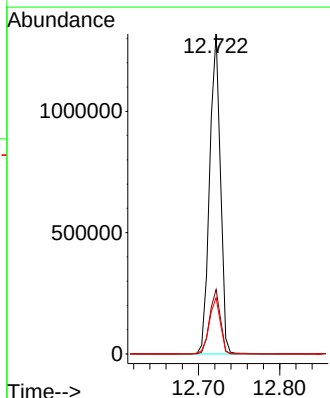
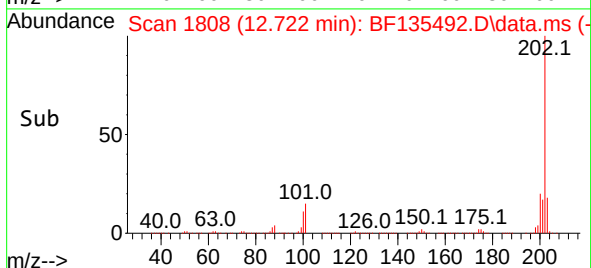
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

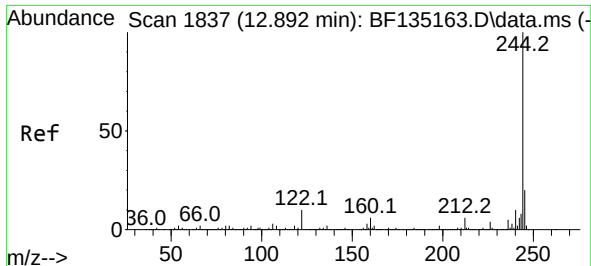


#78
Pyrene
Concen: 43.461 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:202 Resp: 1208687
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.5 14.2 21.4





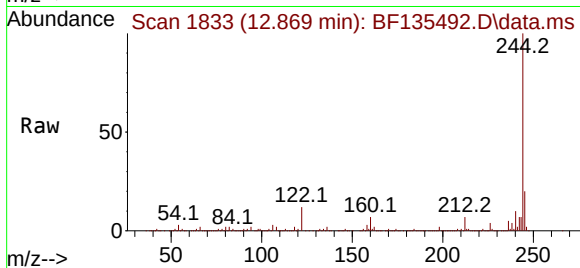
#79
 Terphenyl-d14
 Concen: 75.148 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

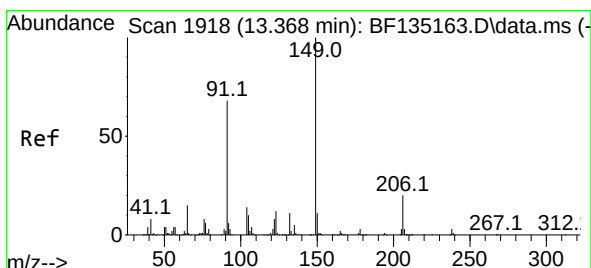
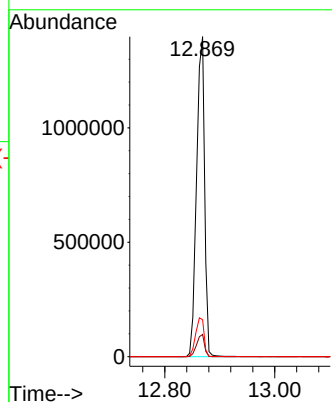
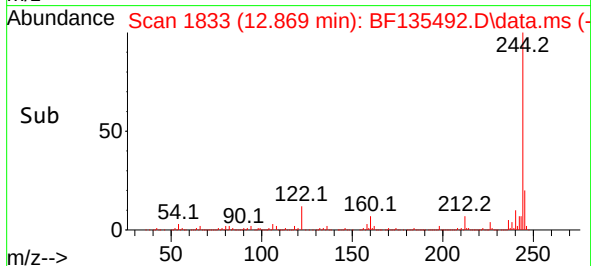


Tgt Ion:244 Resp: 141601
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.5 7.9 11.9

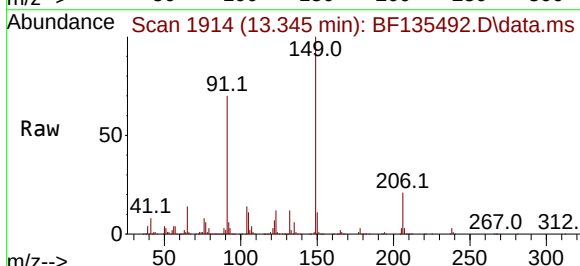
Manual Integrations

APPROVED

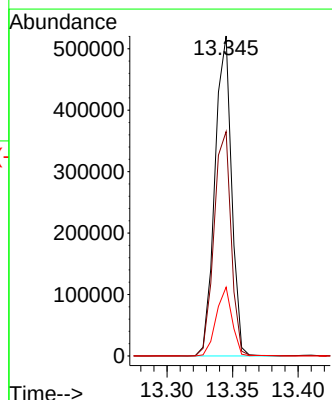
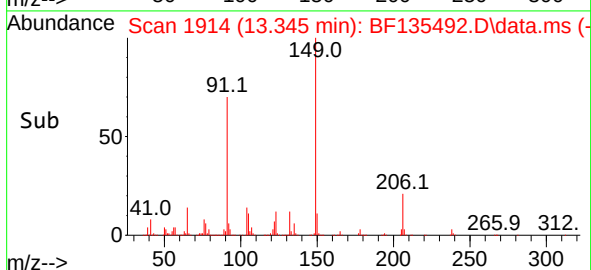
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023

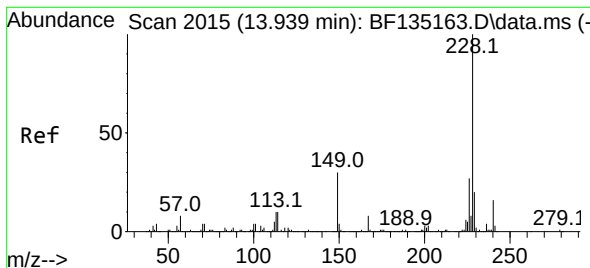


#80
 Butylbenzylphthalate
 Concen: 47.012 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27



Tgt Ion:149 Resp: 460327
 Ion Ratio Lower Upper
 149 100
 91 70.1 54.7 82.1
 206 21.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.086 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF135492.D

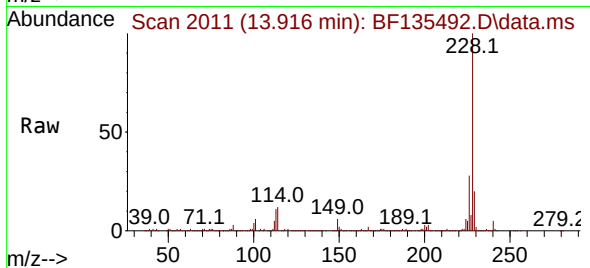
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



Tgt Ion:228 Resp: 812680

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

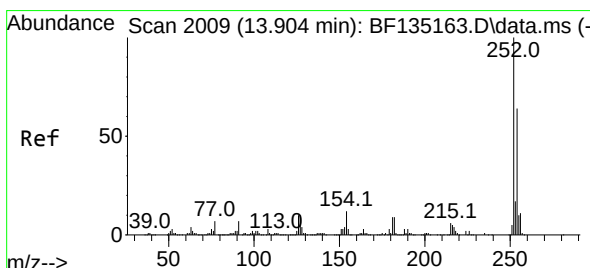
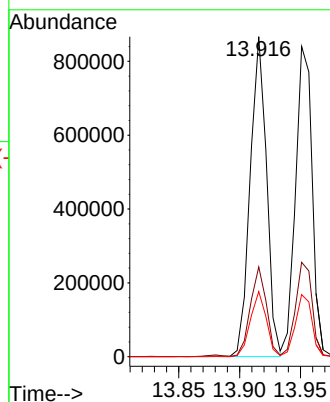
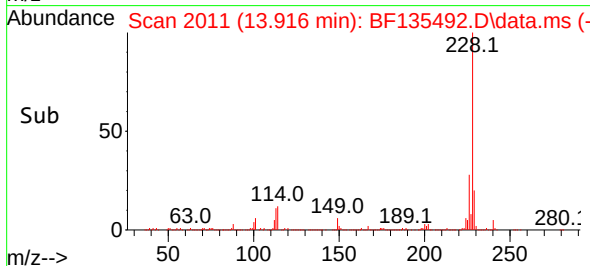
229 20.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#82

3,3'-Dichlorobenzidine

Concen: 38.520 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

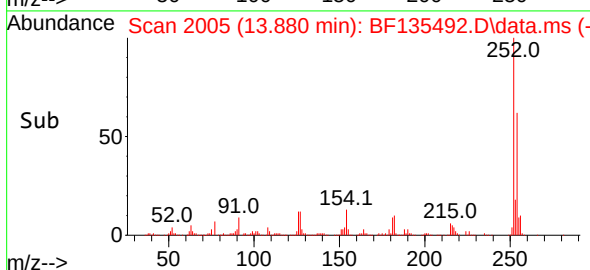
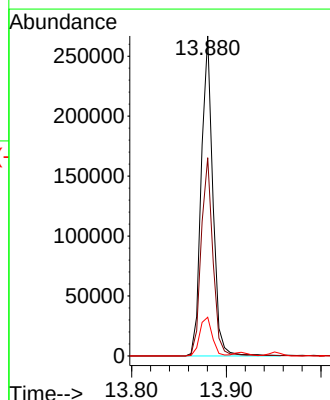
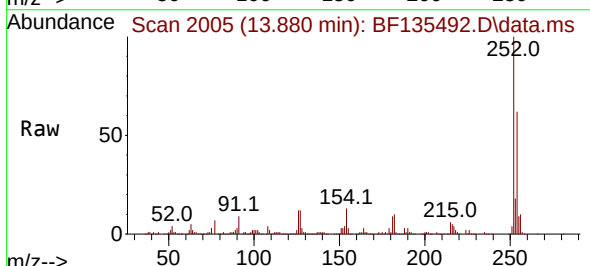
Tgt Ion:252 Resp: 226945

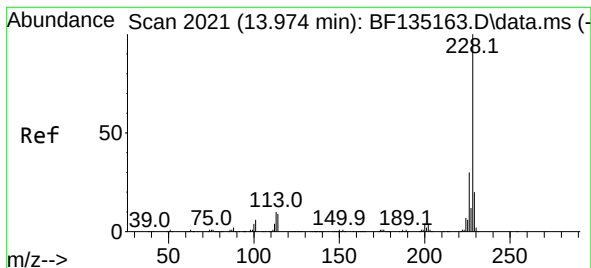
Ion Ratio Lower Upper

252 100

254 61.9 51.0 76.4

126 12.1 7.8 11.8#





#83

Chrysene

Concen: 42.777 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

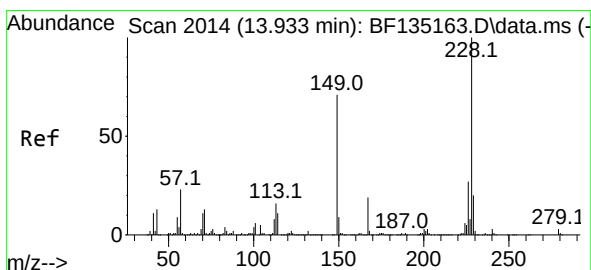
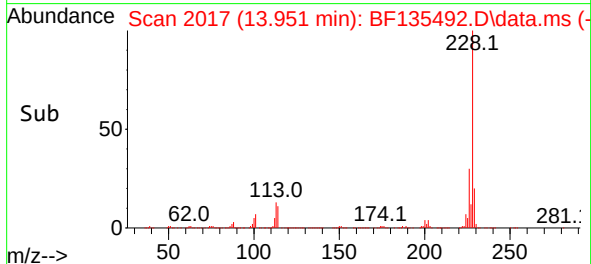
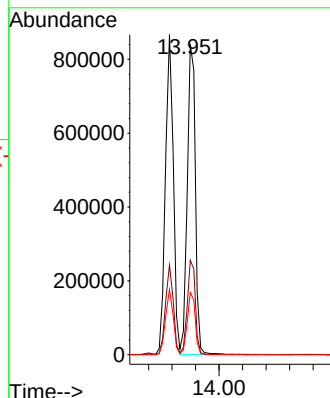
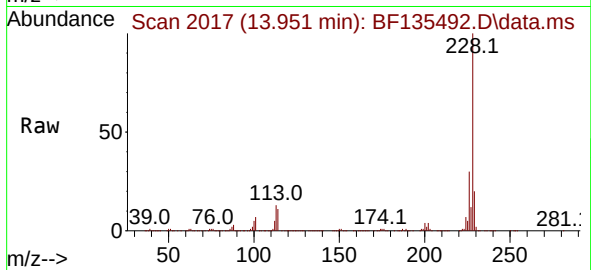
Tgt Ion:228 Resp: 80220
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.434 ng

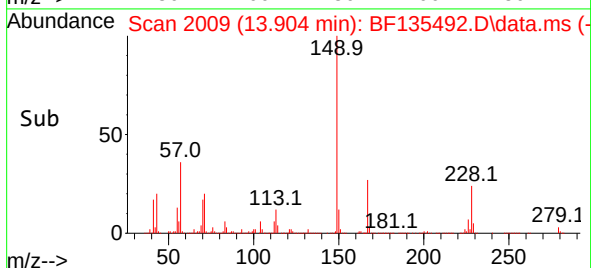
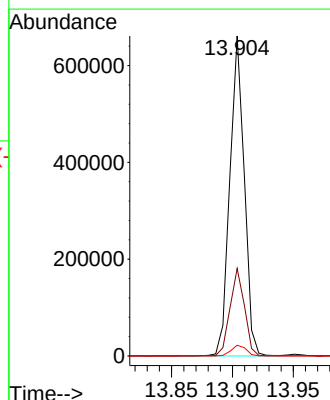
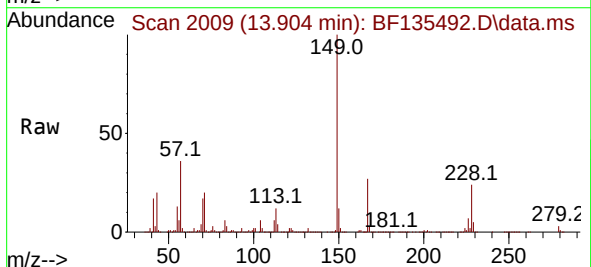
RT: 13.904 min Scan# 2009

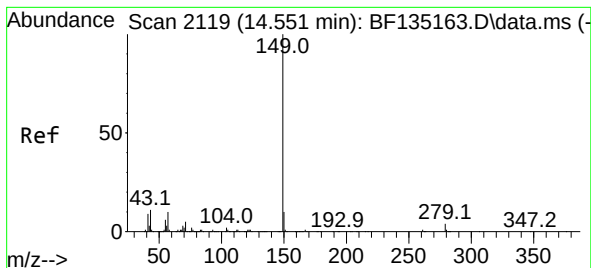
Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:149 Resp: 546951
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.9 32.9
 279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.925 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

Tgt Ion:149 Resp: 82914

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

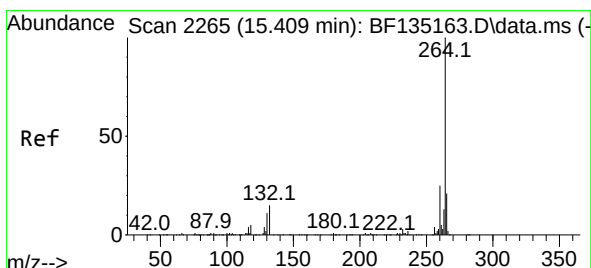
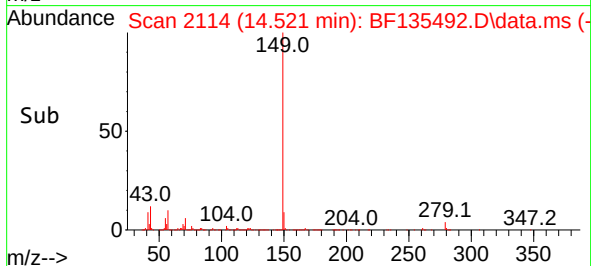
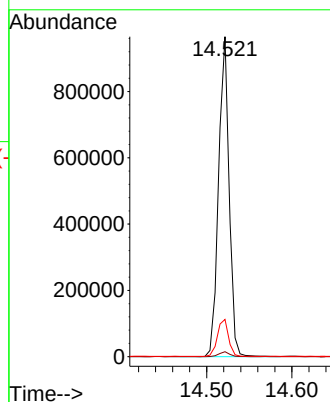
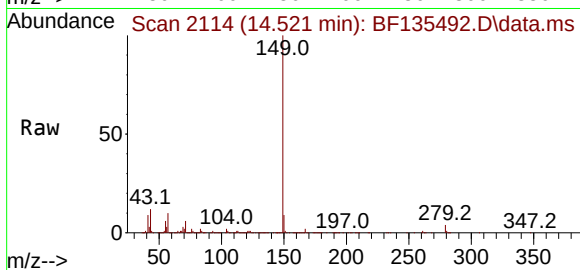
43 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

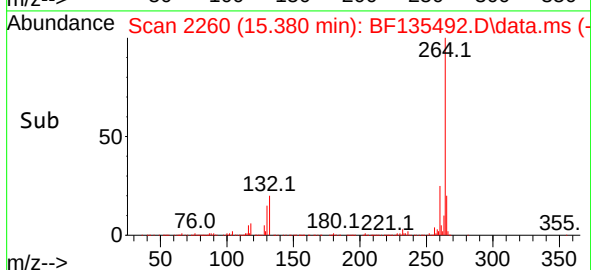
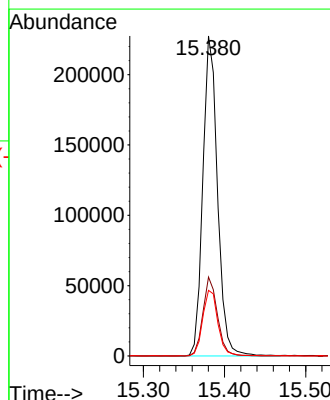
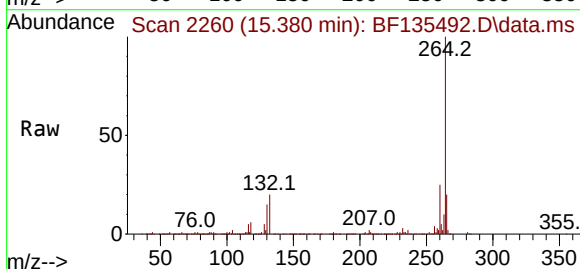
Tgt Ion:264 Resp: 285325

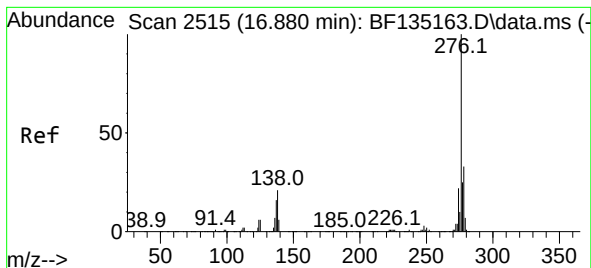
Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.972 ng

RT: 16.857 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

Tgt Ion:276 Resp: 822618

Ion Ratio Lower Upper

276 100

138 27.4 19.2 28.8

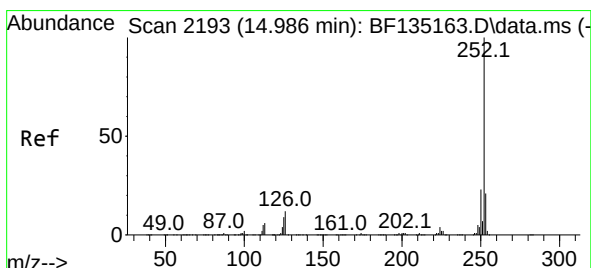
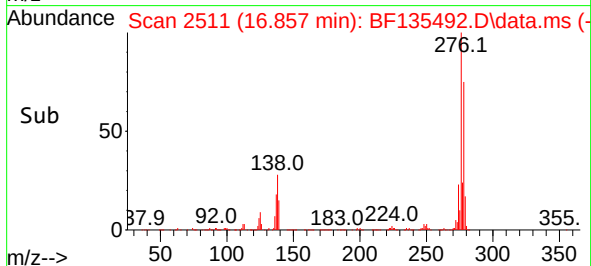
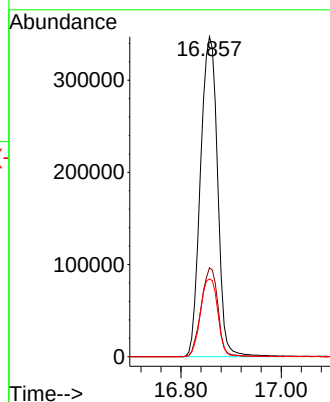
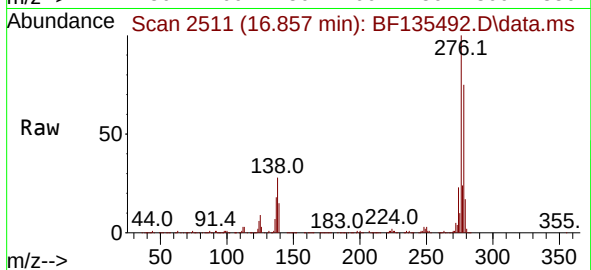
277 24.7 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#88

Benzo(b)fluoranthene

Concen: 46.125 ng

RT: 14.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

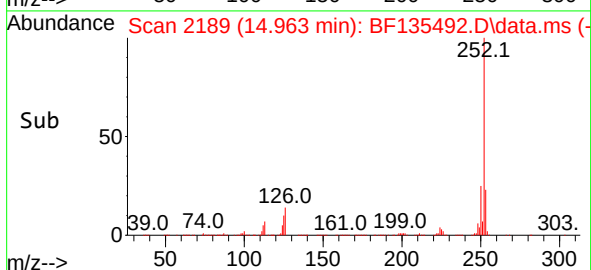
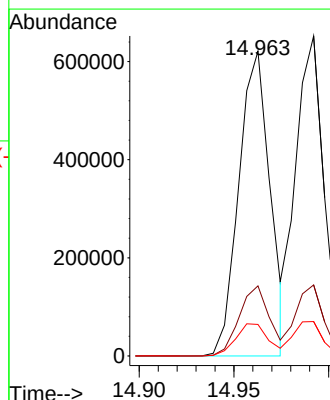
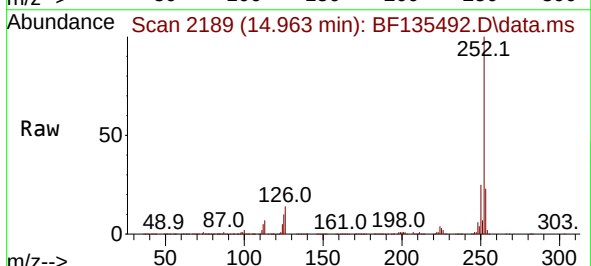
Tgt Ion:252 Resp: 712433

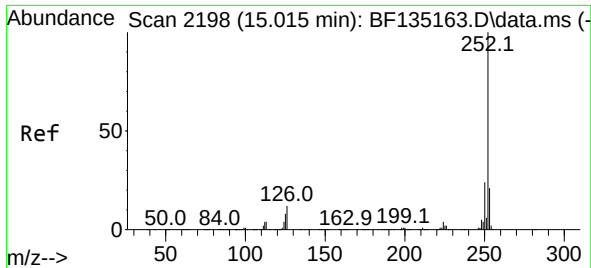
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

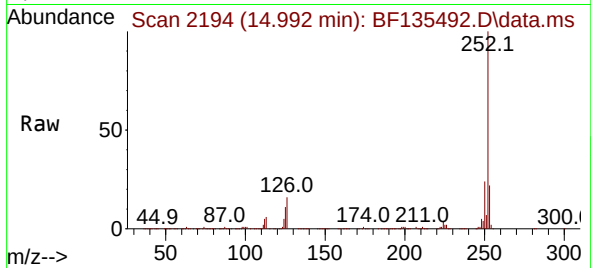
125 10.4 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 44.566 ng
RT: 14.992 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

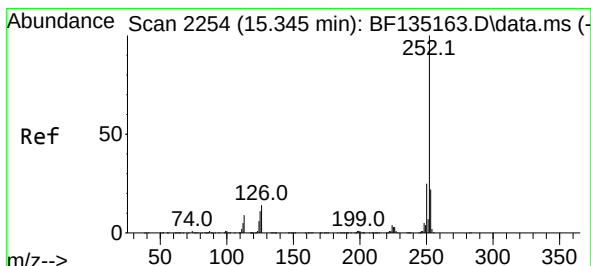
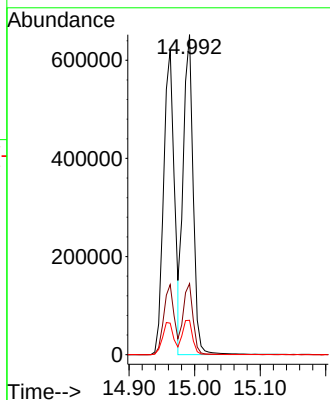
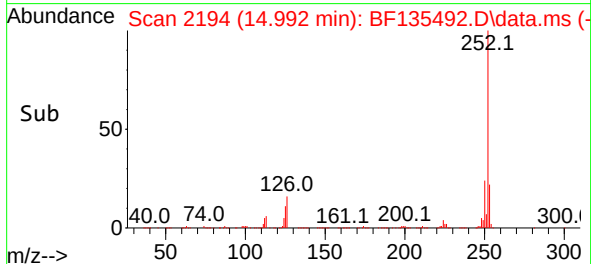
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



Tgt Ion:252 Resp: 67997
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.8 7.2 10.8

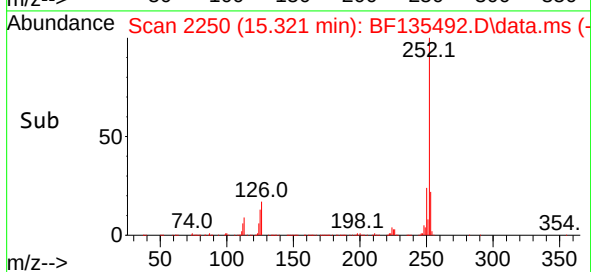
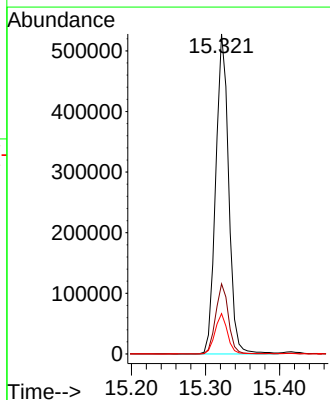
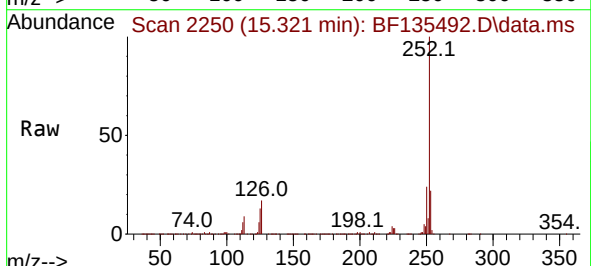
Manual Integrations
APPROVED

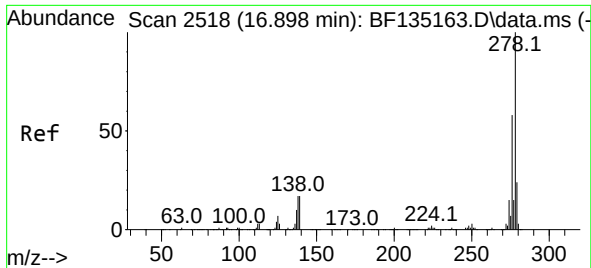
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#90
Benzo(a)pyrene
Concen: 43.516 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

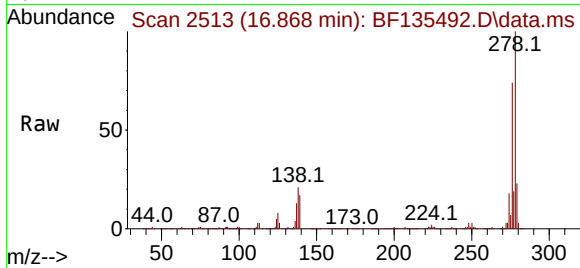
Tgt Ion:252 Resp: 640966
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 43.722 ng
RT: 16.868 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

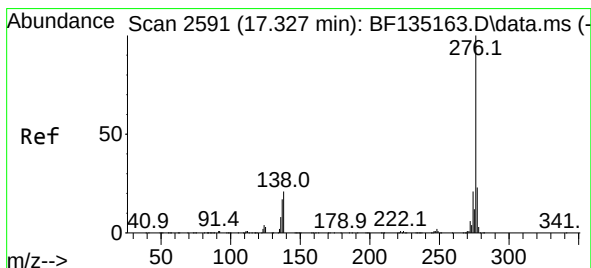
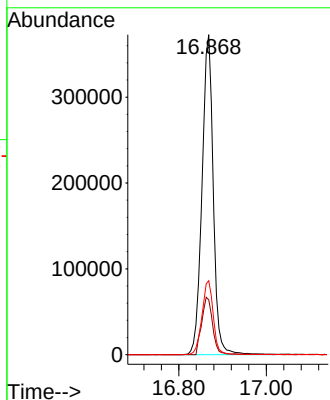
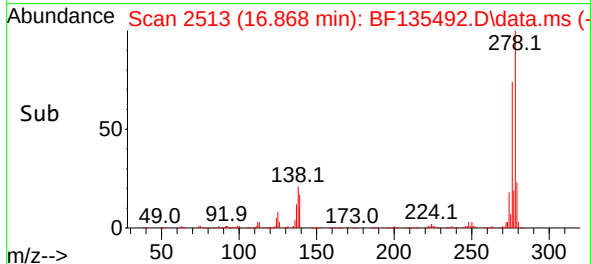
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



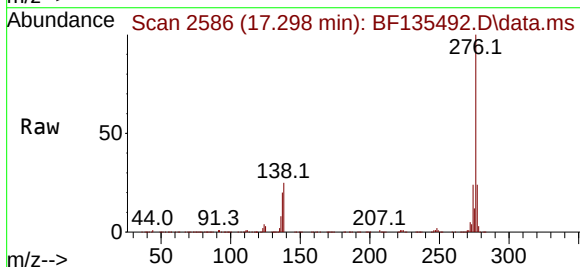
Tgt Ion:278 Resp: 669258
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.0
279 23.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#92
Benzo(g,h,i)perylene
Concen: 42.910 ng
RT: 17.298 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:276 Resp: 685964
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 24.5 16.9 25.3

