

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137271.D
 Acq On : 05 Feb 2024 11:35
 Operator : CG\JU
 Sample : PB158784BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 05 12:03:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	56460	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	219315	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	127245	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	254625	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	143813	20.000	ng	0.00
86) Perylene-d12	15.451	264	141185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	523132	152.889	ng	0.02
7) Phenol-d6	6.440	99	674288	138.088	ng	0.01
23) Nitrobenzene-d5	7.357	82	463080	94.535	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	213441	148.528	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	823218	88.935	ng	0.00
79) Terphenyl-d14	12.921	244	1051591	99.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	66770	36.470	ng	97
3) Pyridine	3.399	79	161481	43.845	ng	98
4) n-Nitrosodimethylamine	3.363	42	92518	49.386	ng	96
6) Aniline	6.463	93	173168	33.128	ng	95
8) 2-Chlorophenol	6.581	128	199737	52.208	ng	94
9) Benzaldehyde	6.345	77	61973	33.326	ng	98
10) Phenol	6.451	94	263070	48.265	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	187229	51.401	ng	99
12) 1,3-Dichlorobenzene	6.734	146	217999	48.599	ng	100
13) 1,4-Dichlorobenzene	6.810	146	220548	47.542	ng	99
14) 1,2-Dichlorobenzene	6.963	146	213995	49.336	ng	100
15) Benzyl Alcohol	6.939	79	187009	53.907	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	294334	44.857	ng	99
17) 2-Methylphenol	7.051	107	167008	52.252	ng	99
18) Hexachloroethane	7.304	117	82772	49.471	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	159942	47.772	ng	99
20) 3+4-Methylphenols	7.204	107	202274	49.991	ng	91
22) Acetophenone	7.204	105	296541	50.225	ng	99
24) Nitrobenzene	7.375	77	237614	49.977	ng	99
25) Isophorone	7.616	82	428577	47.400	ng	100
26) 2-Nitrophenol	7.692	139	96866	52.389	ng	95
27) 2,4-Dimethylphenol	7.734	122	135833	52.559	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	238803	49.735	ng	98
29) 2,4-Dichlorophenol	7.934	162	163869	51.112	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	197627	49.625	ng	99
31) Naphthalene	8.098	128	583271	49.194	ng	100
32) Benzoic acid	7.863	122	112284	58.970	ng	92
33) 4-Chloroaniline	8.169	127	24770m	6.074	ng	
34) Hexachlorobutadiene	8.210	225	130725	49.368	ng	97
35) Caprolactam	8.522	113	52666m	52.830	ng	
36) 4-Chloro-3-methylphenol	8.633	107	188243	49.711	ng	97
37) 2-Methylnaphthalene	8.786	142	387733	48.779	ng	98
38) 1-Methylnaphthalene	8.886	142	360583	48.840	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	207727	48.788	ng	98
41) Hexachlorocyclopentadiene	8.939	237	272363	134.308	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	128822	53.343	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137271.D
 Acq On : 05 Feb 2024 11:35
 Operator : CG\JU
 Sample : PB158784BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 05 12:03:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	133151	50.441	ng	94
46) 1,1'-Biphenyl	9.251	154	496551	49.047	ng	99
47) 2-Chloronaphthalene	9.275	162	364334	48.627	ng	98
48) 2-Nitroaniline	9.375	65	130279	53.724	ng	99
49) Acenaphthylene	9.692	152	585941	48.851	ng	99
50) Dimethylphthalate	9.557	163	436590	50.788	ng	100
51) 2,6-Dinitrotoluene	9.622	165	98912	53.959	ng	85
52) Acenaphthene	9.863	154	347124	49.241	ng	99
53) 3-Nitroaniline	9.786	138	46518	28.199	ng	99
54) 2,4-Dinitrophenol	9.898	184	109363	126.218	ng	# 77
55) Dibenzofuran	10.039	168	544756	48.572	ng	99
56) 4-Nitrophenol	9.957	139	145739	Below Cal		99
57) 2,4-Dinitrotoluene	10.028	165	133739	56.229	ng	89
58) Fluorene	10.380	166	431593	49.087	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128599m	52.358	ng	
60) Diethylphthalate	10.263	149	435173	51.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	212604	48.647	ng	98
62) 4-Nitroaniline	10.410	138	88939m	56.327	ng	
63) Azobenzene	10.539	77	448252	47.818	ng	94
65) 4,6-Dinitro-2-methylph...	10.433	198	79965	58.004	ng	82
66) n-Nitrosodiphenylamine	10.498	169	378868	48.936	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	140244	50.091	ng	97
68) Hexachlorobenzene	10.927	284	153908	49.214	ng	95
69) Atrazine	11.033	200	133825	52.361	ng	97
70) Pentachlorophenol	11.127	266	201012	112.127	ng	96
71) Phenanthrene	11.345	178	664270	49.833	ng	99
72) Anthracene	11.398	178	692964	49.876	ng	99
73) Carbazole	11.557	167	590812	50.882	ng	99
74) Di-n-butylphthalate	11.892	149	697173	55.545	ng	100
75) Fluoranthene	12.539	202	718343	51.499	ng	99
77) Benzidine	12.669	184	153662	59.670	ng	99
78) Pyrene	12.769	202	728568	52.716	ng	99
80) Butylbenzylphthalate	13.398	149	239283	67.681	ng	93
81) Benzo(a)anthracene	13.963	228	507142	49.793	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	91784	33.077	ng	98
83) Chrysene	14.004	228	506375	50.571	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	293149	71.271	ng	# 98
85) Di-n-octyl phthalate	14.580	149	431984	66.052	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	528524	53.284	ng	98
88) Benzo(b)fluoranthene	15.021	252	423270	48.749	ng	99
89) Benzo(k)fluoranthene	15.051	252	432047	47.036	ng	99
90) Benzo(a)pyrene	15.392	252	400249	48.984	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	431893	54.341	ng	98
92) Benzo(g,h,i)perylene	17.415	276	418007	53.586	ng	99

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

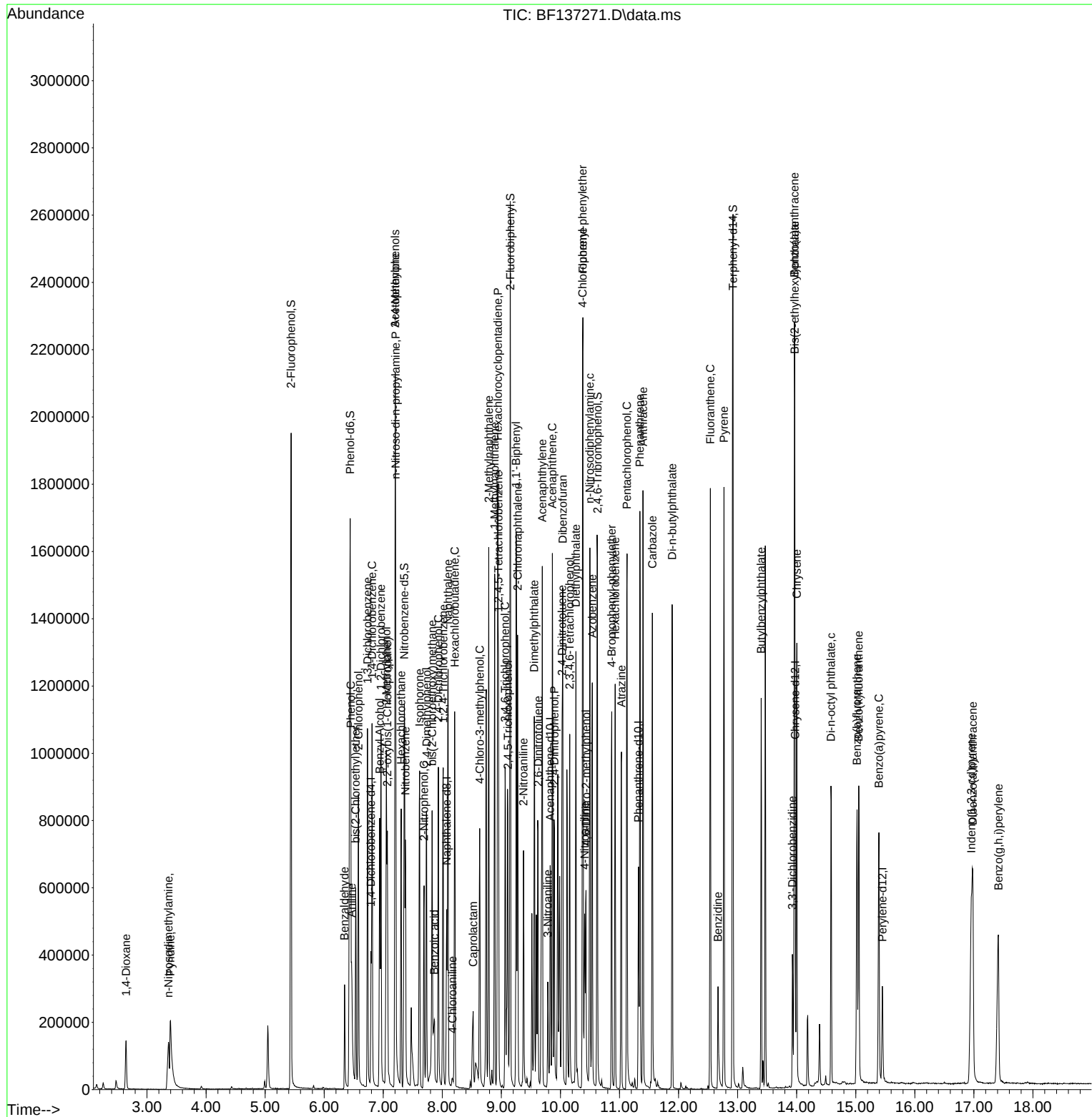
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137271.D
Acq On : 05 Feb 2024 11:35
Operator : CG\JU
Sample : PB158784BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

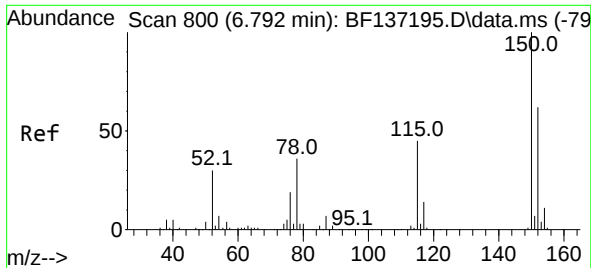
Instrument :
BNA_F
ClientSampleId :
PB158784BS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

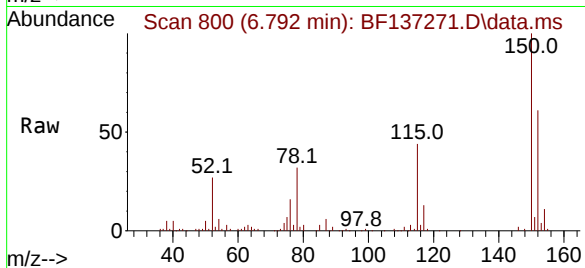
Quant Time: Feb 05 12:03:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

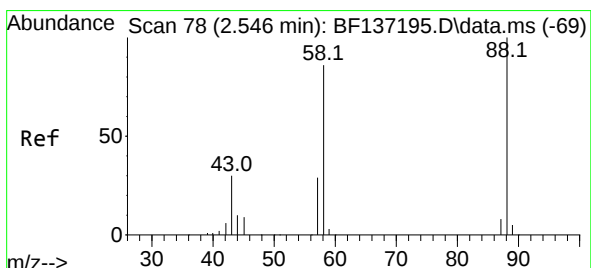
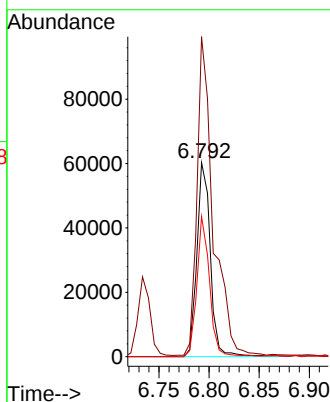
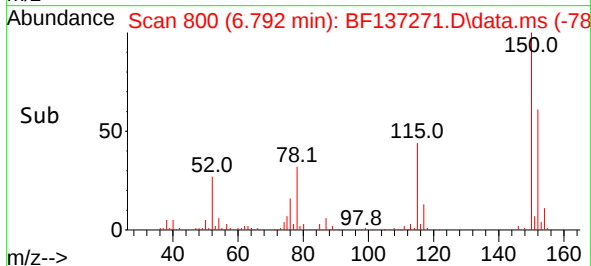
Instrument :
BNA_F
ClientSampleId :
PB158784BS



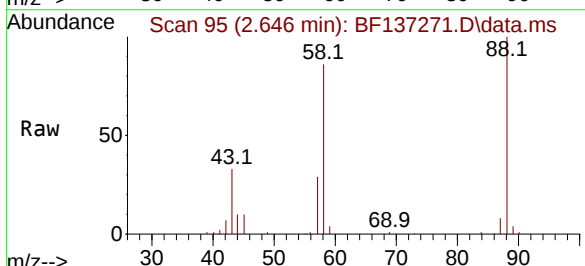
Tgt Ion:152 Resp: 56460
Ion Ratio Lower Upper
152 100
150 164.9 129.8 194.8
115 72.3 58.5 87.7

Manual Integrations
APPROVED

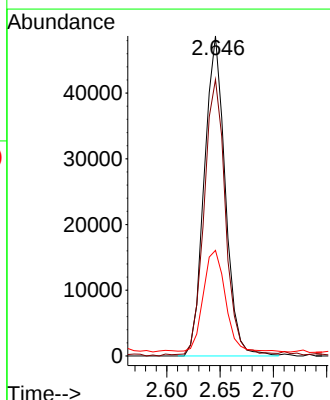
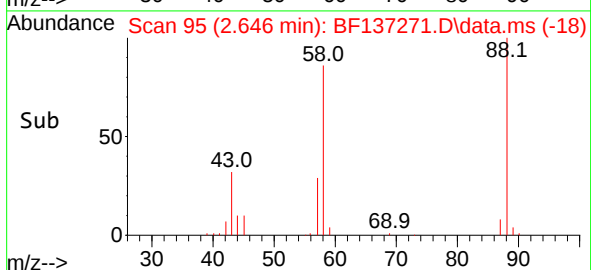
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

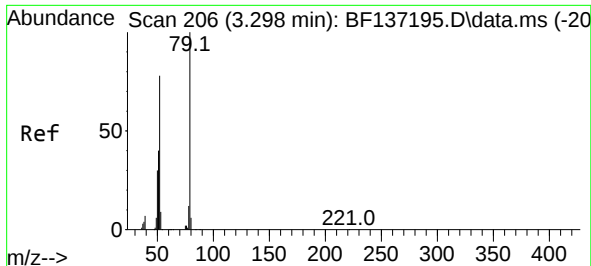


#2
1,4-Dioxane
Concen: 36.470 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.100 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



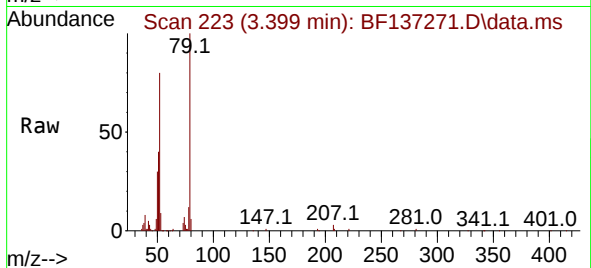
Tgt Ion: 88 Resp: 66770
Ion Ratio Lower Upper
88 100
58 88.8 67.8 101.8
43 33.8 26.6 40.0





#3
Pyridine
Concen: 43.845 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.101 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

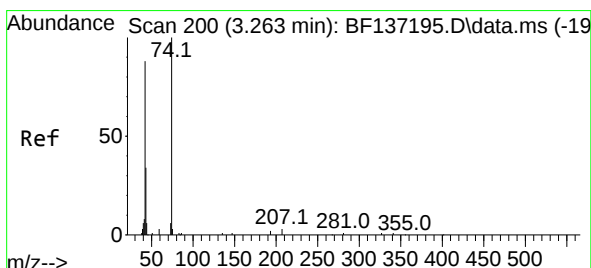
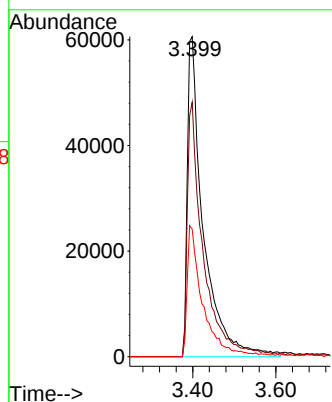
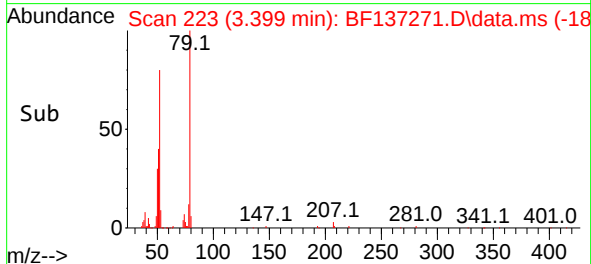
Instrument :
BNA_F
ClientSampleId :
PB158784BS



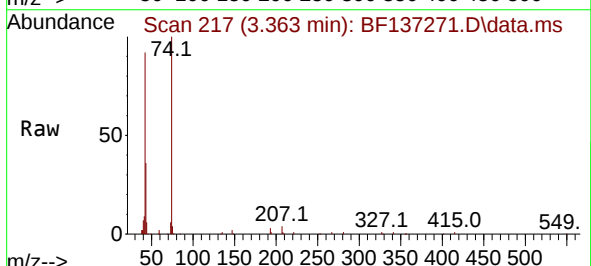
Tgt Ion: 79 Resp: 16148
Ion Ratio Lower Upper
79 100
52 79.5 62.6 94.0
51 39.9 33.0 49.4

Manual Integrations
APPROVED

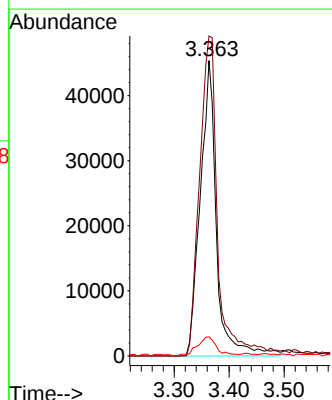
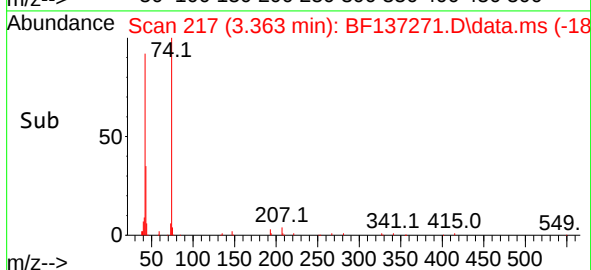
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

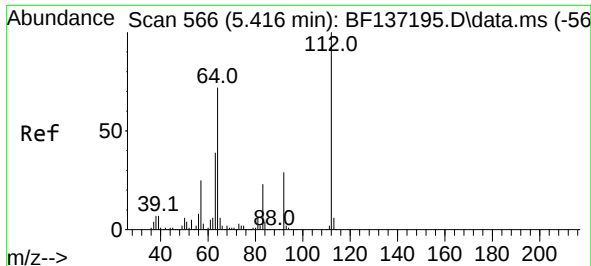


#4
n-Nitrosodimethylamine
Concen: 49.386 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.100 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion: 42 Resp: 92518
Ion Ratio Lower Upper
42 100
74 108.4 90.5 135.7
44 6.5 6.1 9.1





#5
2-Fluorophenol
Concen: 152.889 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

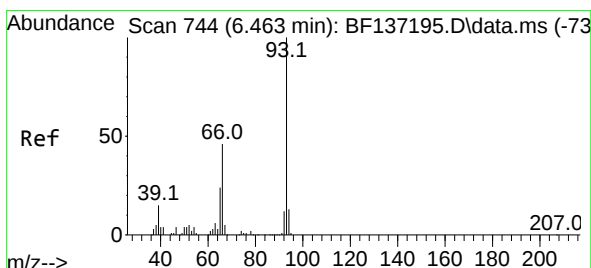
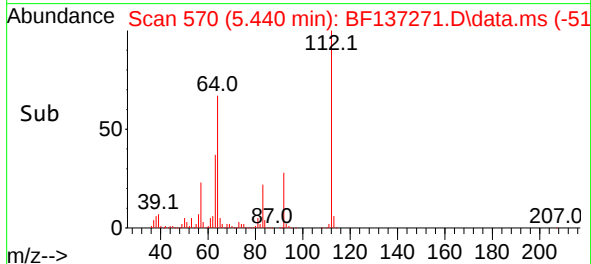
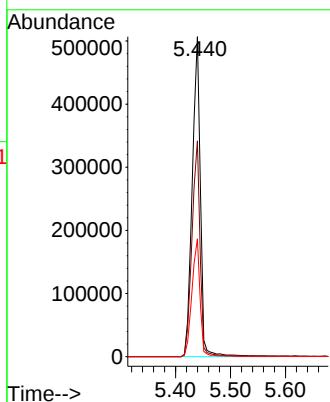
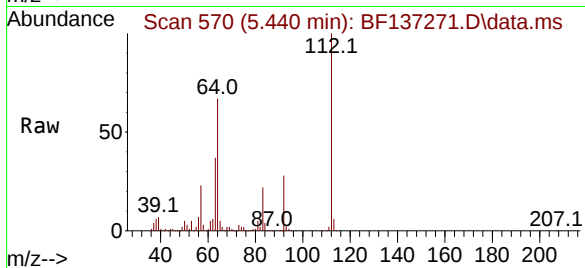
PB158784BS

Tgt Ion:112 Resp: 52313
Ion Ratio Lower Upper
112 100
64 67.5 57.8 86.6
63 36.8 31.4 47.0

Manual Integrations

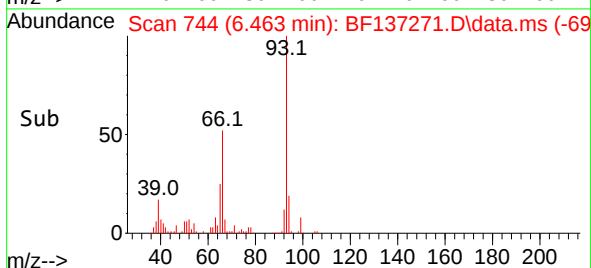
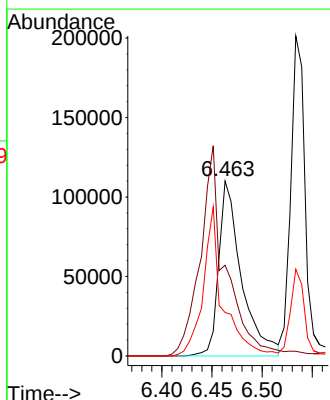
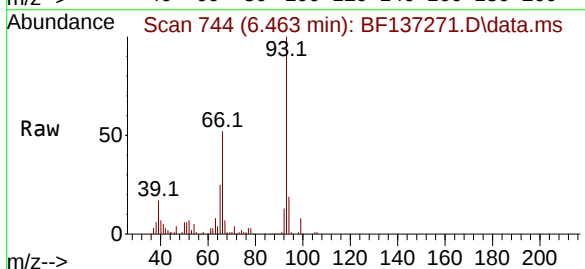
APPROVED

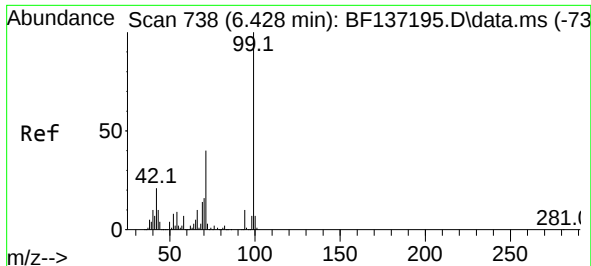
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#6
Aniline
Concen: 33.128 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion: 93 Resp: 173168
Ion Ratio Lower Upper
93 100
66 51.9 37.9 56.9
65 24.9 19.0 28.4





#7

Phenol-d6

Concen: 138.088 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.012 min

Lab File: BF137271.D

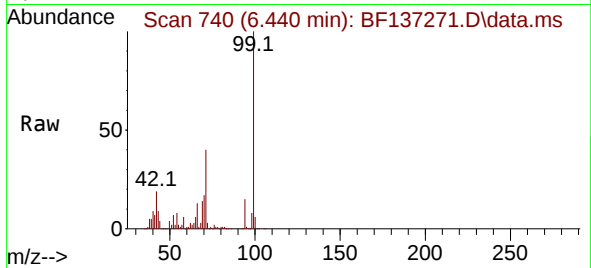
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS



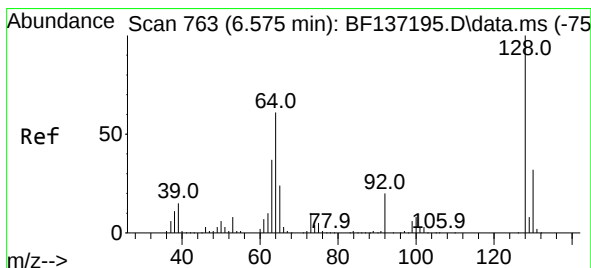
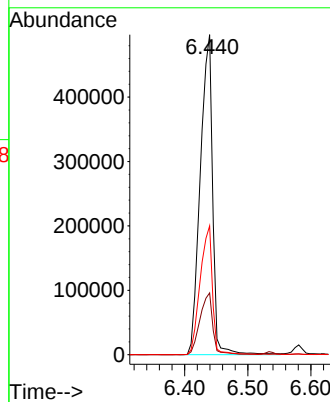
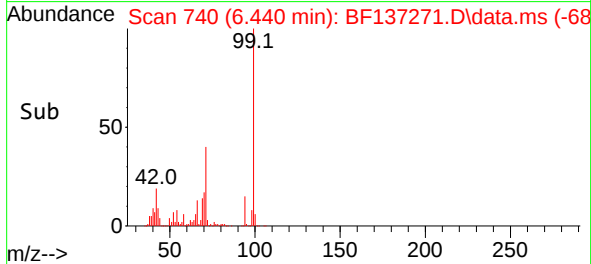
Tgt Ion: 99 Resp: 67428

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.4	24.6
71	40.3	32.4	48.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#8

2-Chlorophenol

Concen: 52.208 ng

RT: 6.581 min Scan# 764

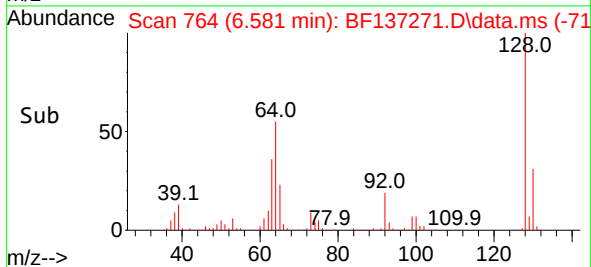
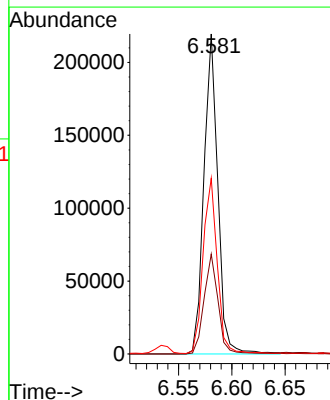
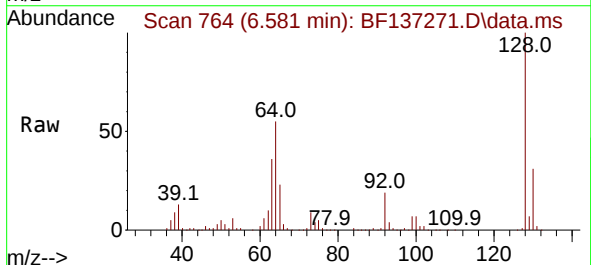
Delta R.T. 0.006 min

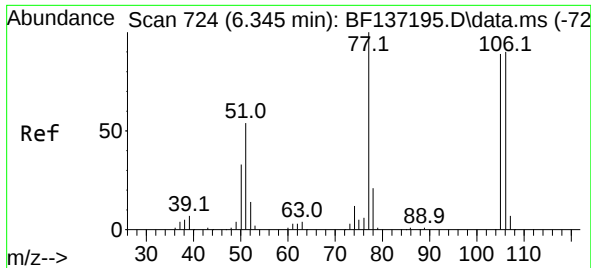
Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Tgt Ion:128 Resp: 199737

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.4	52.4
64	54.9	41.6	81.6





#9

Benzaldehyde

Concen: 33.326 ng

RT: 6.345 min Scan# 719

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

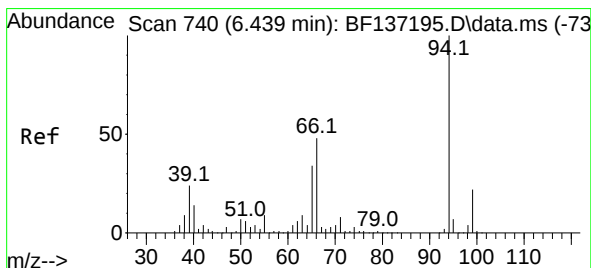
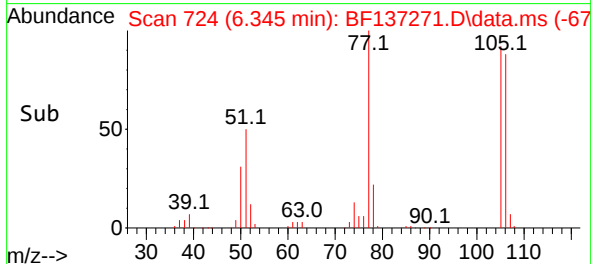
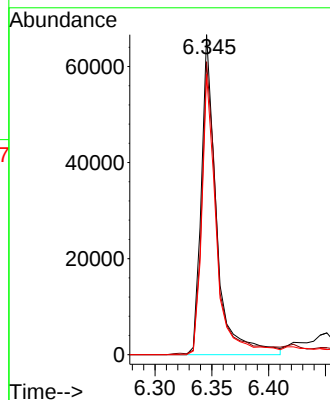
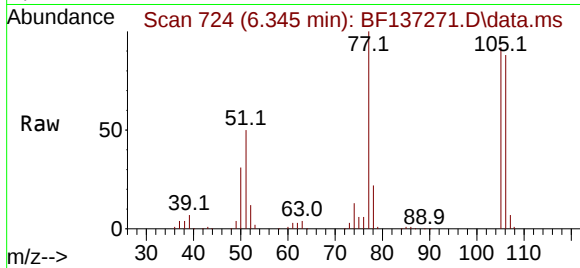
PB158784BS

Tgt Ion:	77	Resp:	6197
Ion	Ratio	Lower	Upper
77	100		
105	91.6	69.1	109.1
106	87.7	69.6	109.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#10

Phenol

Concen: 48.265 ng

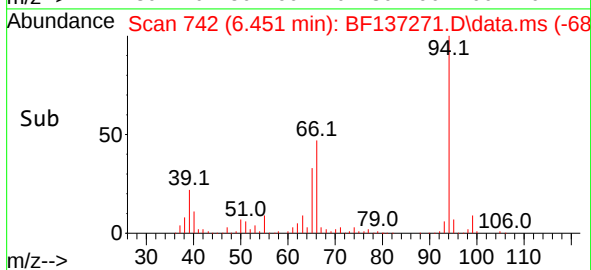
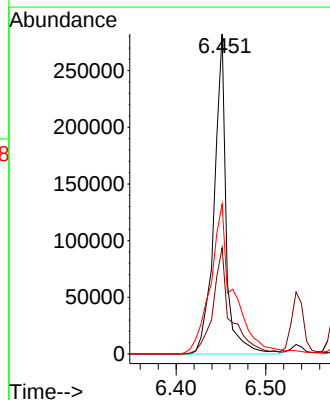
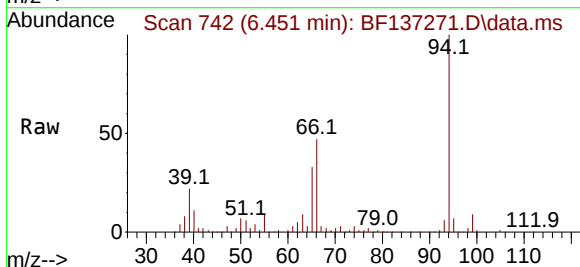
RT: 6.451 min Scan# 742

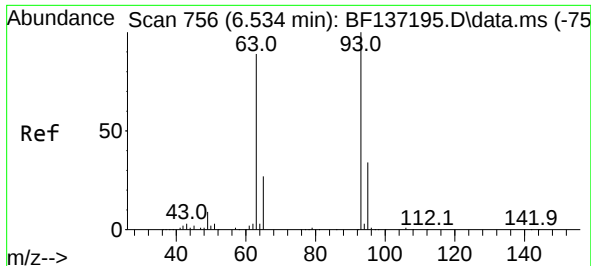
Delta R.T. 0.012 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Tgt Ion:	94	Resp:	263070
Ion	Ratio	Lower	Upper
94	100		
65	33.2	13.7	53.7
66	46.8	27.8	67.8





#11
bis(2-Chloroethyl)ether
Concen: 51.401 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

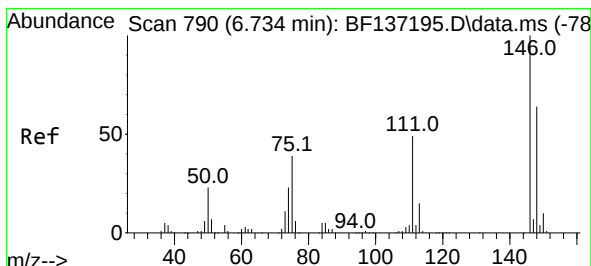
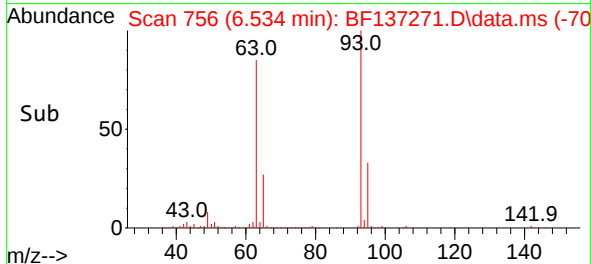
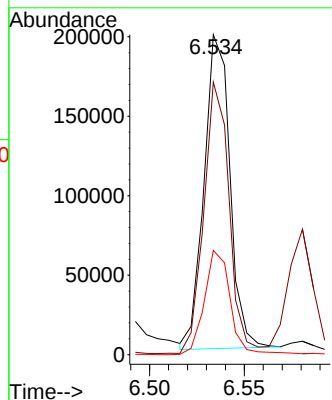
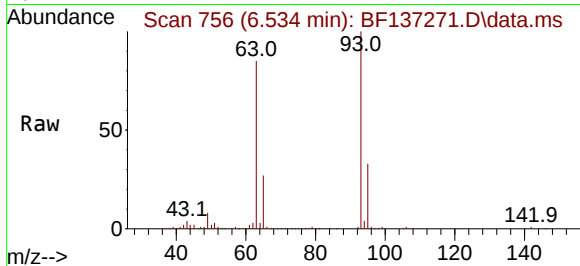
ClientSampleId :

PB158784BS

Tgt Ion: 93 Resp: 187229
Ion Ratio Lower Upper
93 100
63 85.2 66.7 106.7
95 32.6 12.7 52.7

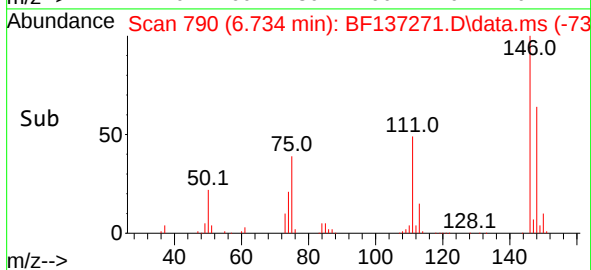
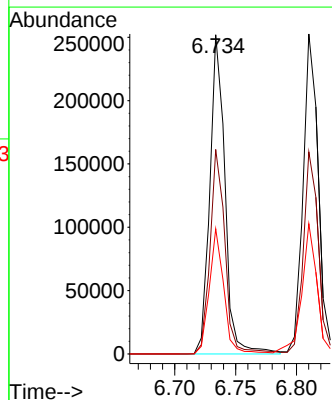
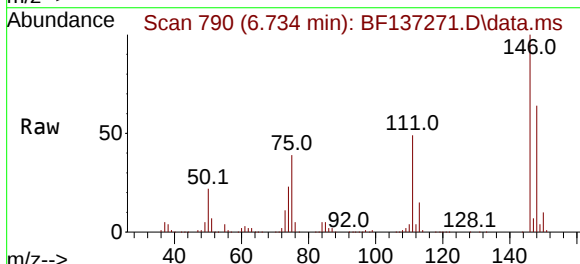
Manual Integrations
APPROVED

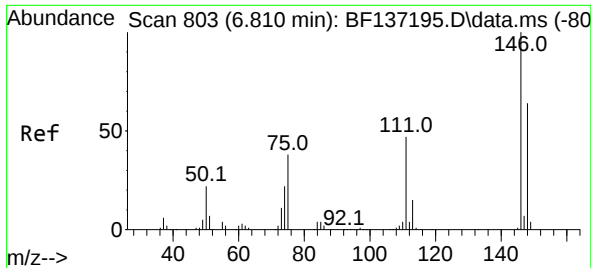
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#12
1,3-Dichlorobenzene
Concen: 48.599 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

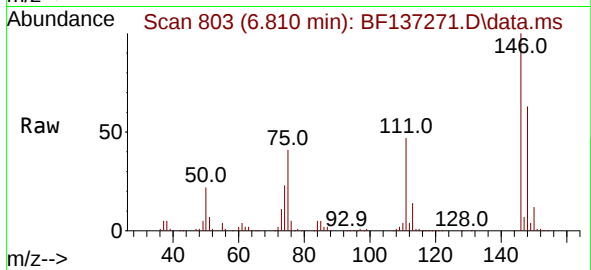
Tgt Ion:146 Resp: 217999
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 39.2 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 47.542 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

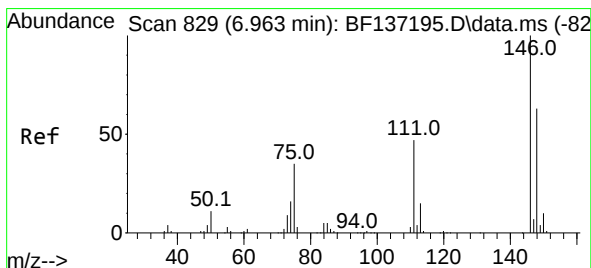
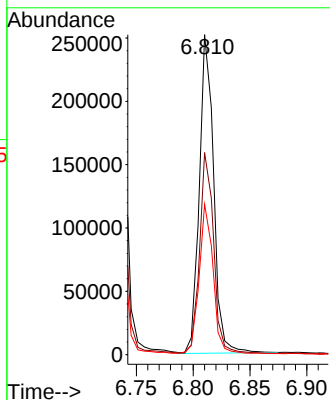
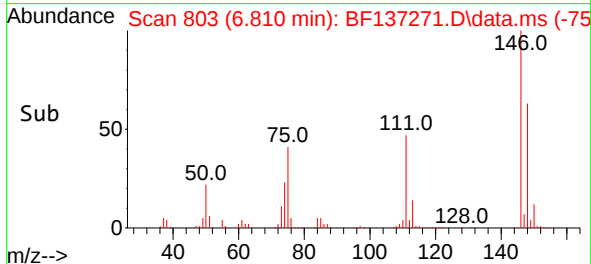
Instrument :
BNA_F
Client SampleId :
PB158784BS



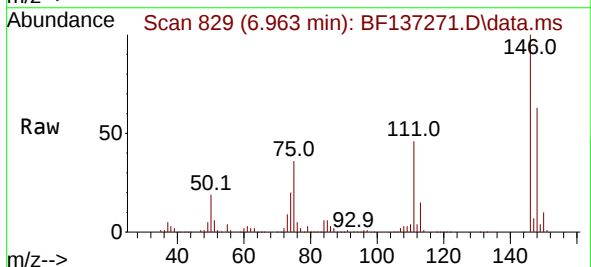
Tgt Ion:146 Resp: 220548
Ion Ratio Lower Upper
146 100
148 63.1 51.5 77.3
111 47.0 38.1 57.1

Manual Integrations
APPROVED

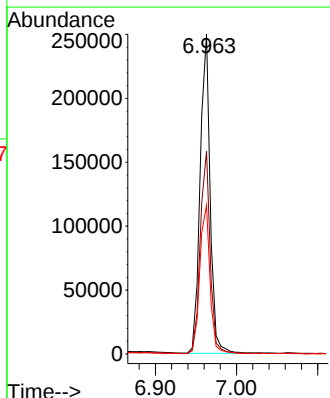
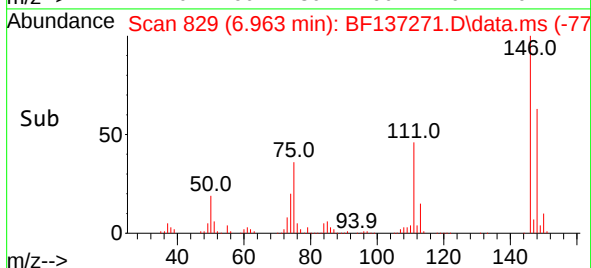
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

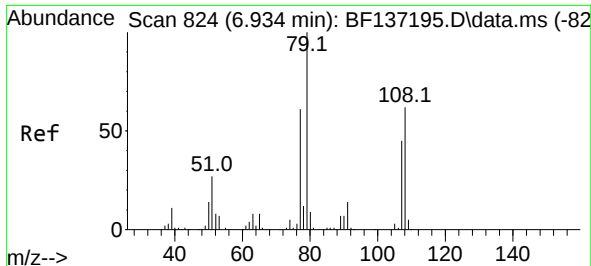


#14
1,2-Dichlorobenzene
Concen: 49.336 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion:146 Resp: 213995
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
111 46.5 37.3 55.9





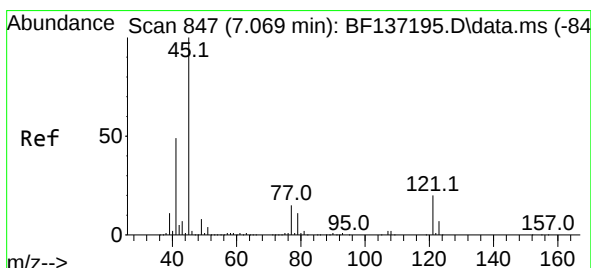
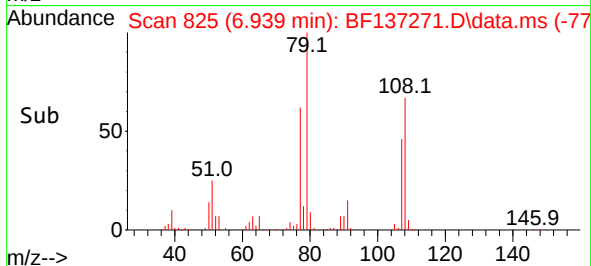
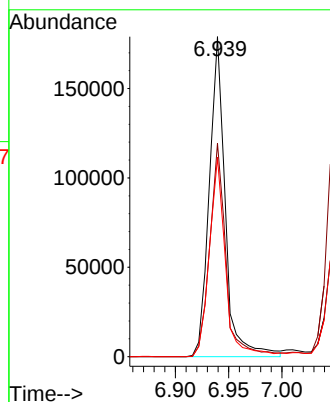
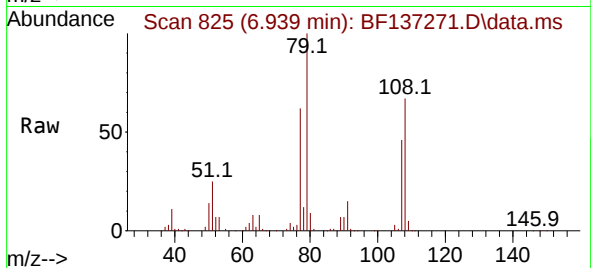
#15
Benzyl Alcohol
Concen: 53.907 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion: 79 Resp: 187009
Ion Ratio Lower Upper
79 100
108 66.7 49.3 73.9
77 62.3 48.8 73.2

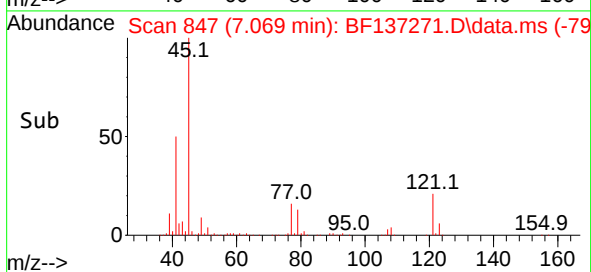
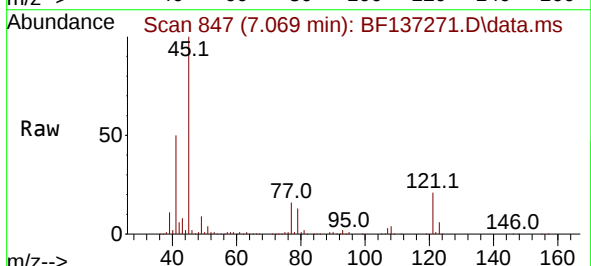
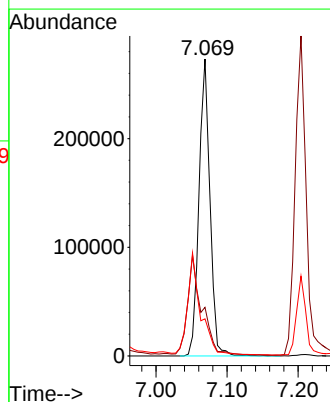
Manual Integrations
APPROVED

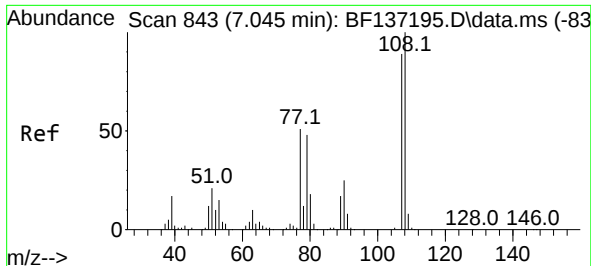
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.857 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion: 45 Resp: 294334
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.9
79 12.5 0.0 32.4





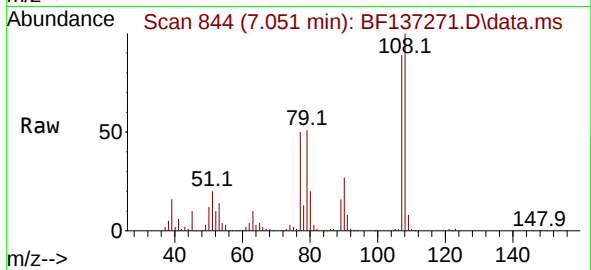
#17
2-Methylphenol
Concen: 52.252 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

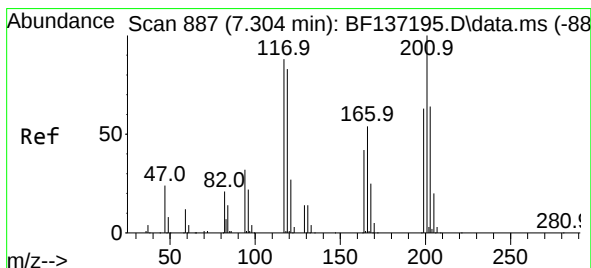
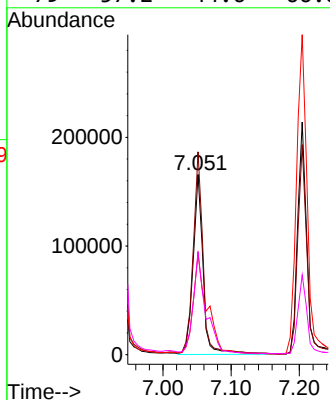
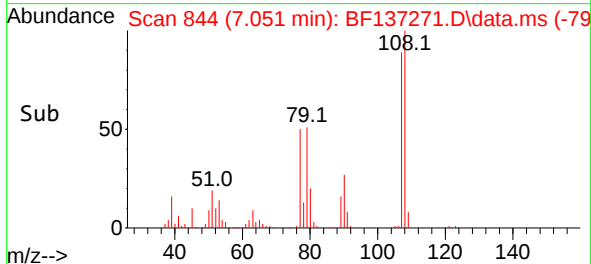


Tgt Ion:107 Resp: 167000
Ion Ratio Lower Upper
107 100
108 112.5 89.9 134.9
77 55.9 46.6 69.8
79 57.2 44.6 66.8

Manual Integrations

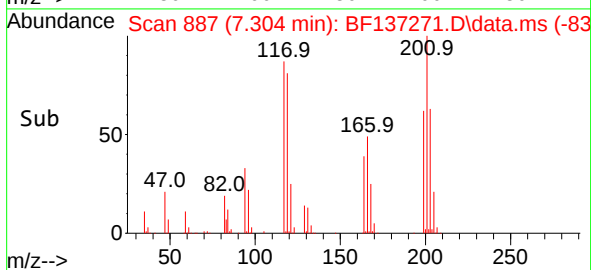
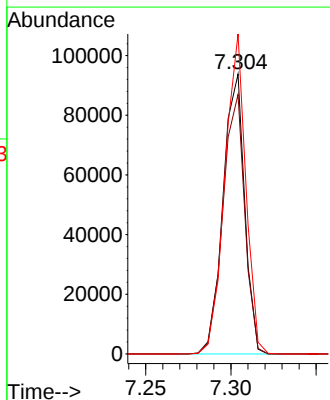
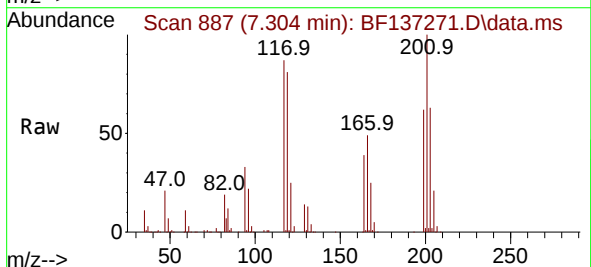
APPROVED

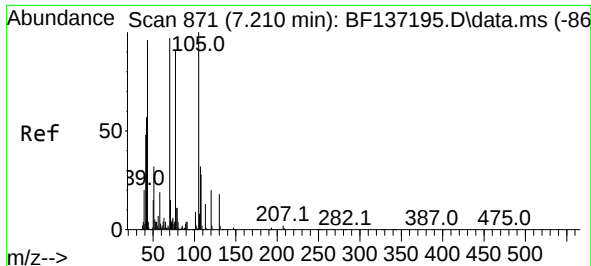
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#18
Hexachloroethane
Concen: 49.471 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:117 Resp: 82772
Ion Ratio Lower Upper
117 100
119 92.7 76.2 114.4
201 114.3 91.4 137.0





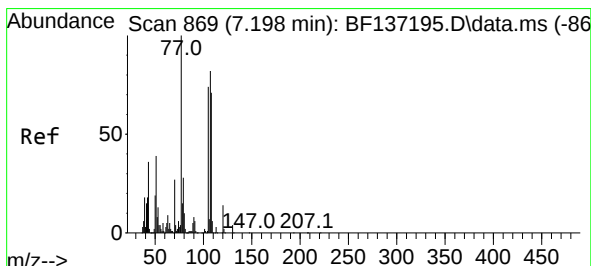
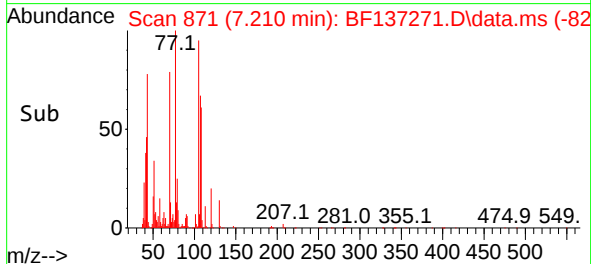
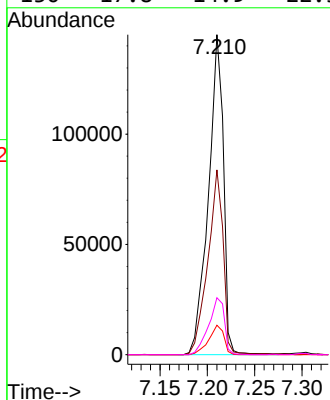
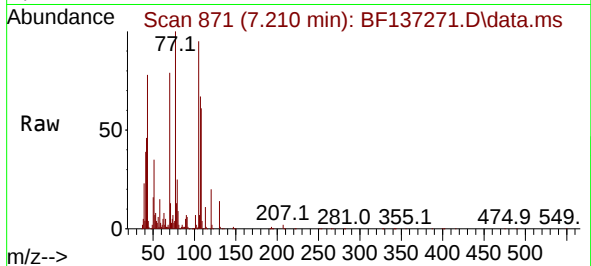
#19
n-Nitroso-di-n-propylamine
Concen: 47.772 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:	70	Resp:	15994
Ion Ratio	Lower	Upper	
70	100		
42	57.8	47.2	70.8
101	9.2	7.4	11.0
130	17.8	14.9	22.3

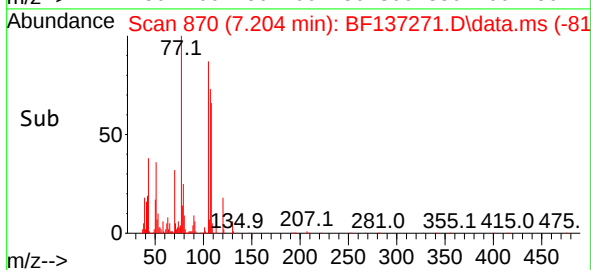
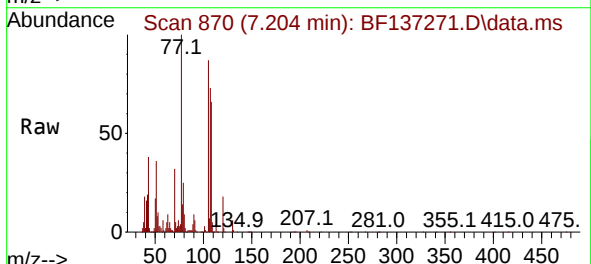
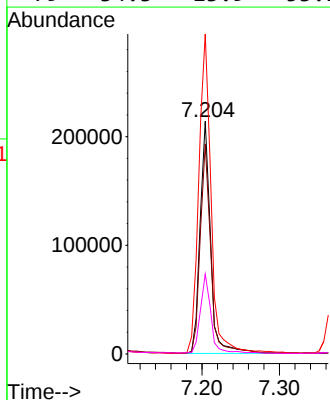
Manual Integrations
APPROVED

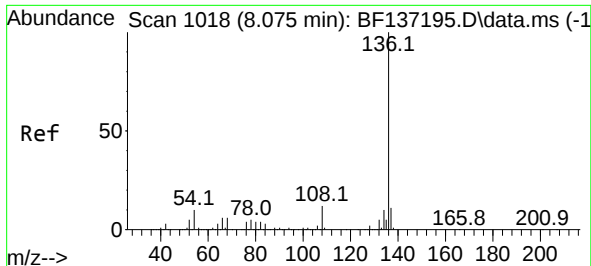
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#20
3+4-Methylphenols
Concen: 49.991 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:	107	Resp:	202274
Ion Ratio	Lower	Upper	
107	100		
108	90.3	66.3	106.3
77	137.6	101.4	141.4
79	34.3	13.9	53.9





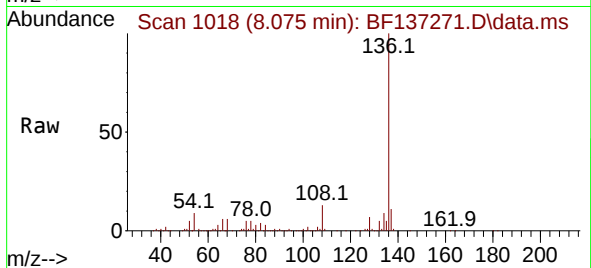
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

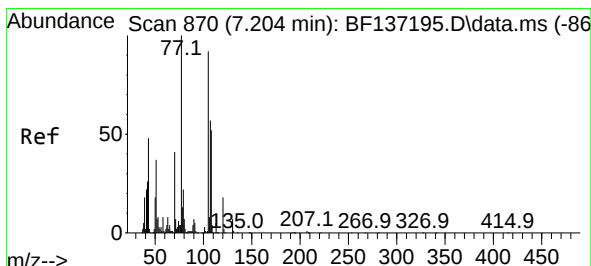
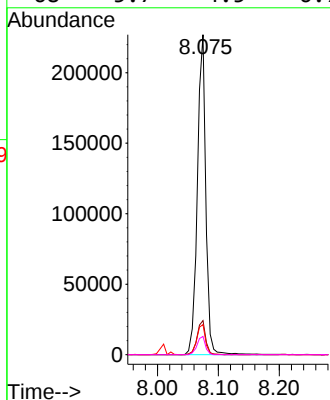
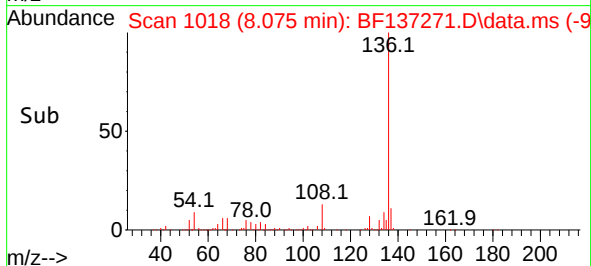


Tgt Ion:136 Resp: 219315
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.4 7.8 11.8
68 5.7 4.5 6.7

Manual Integrations

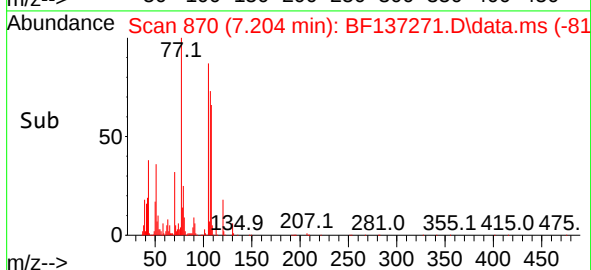
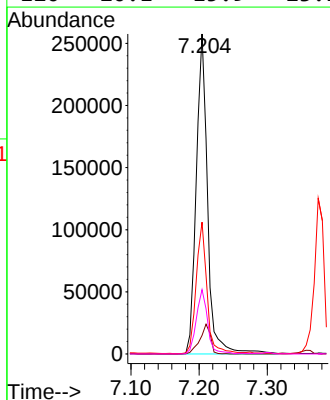
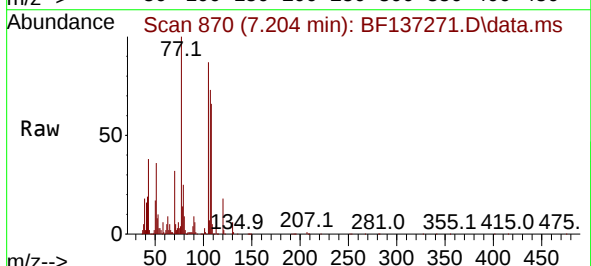
APPROVED

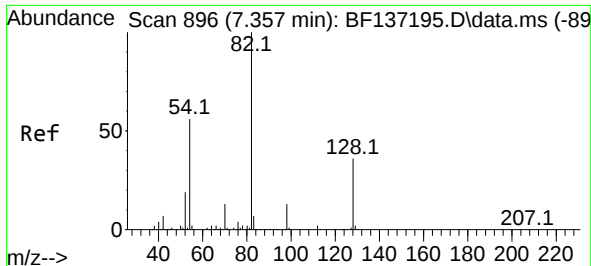
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#22
Acetophenone
Concen: 50.225 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

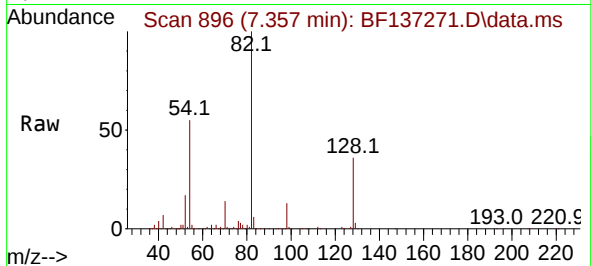
Tgt Ion:105 Resp: 296541
Ion Ratio Lower Upper
105 100
71 5.8 5.7 8.5
51 41.2 32.2 48.4
120 20.1 15.9 23.9





#23
Nitrobenzene-d5
Concen: 94.535 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

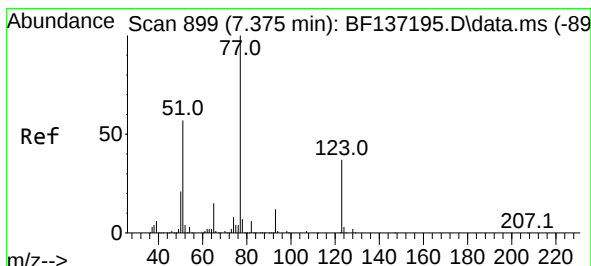
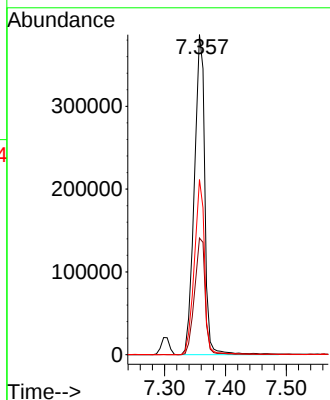
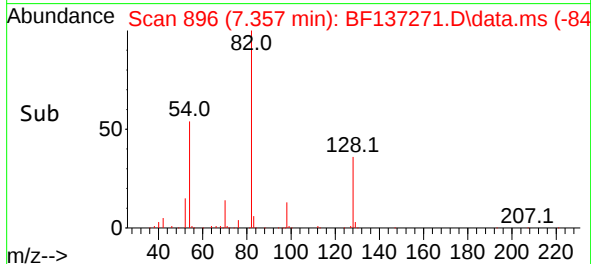
Instrument :
BNA_F
Client SampleId :
PB158784BS



Tgt Ion: 82 Resp: 463080
Ion Ratio Lower Upper
82 100
128 36.4 29.1 43.7
54 54.7 45.0 67.6

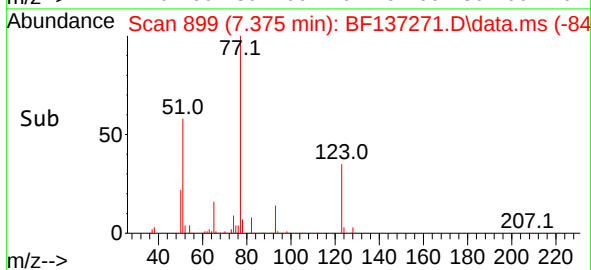
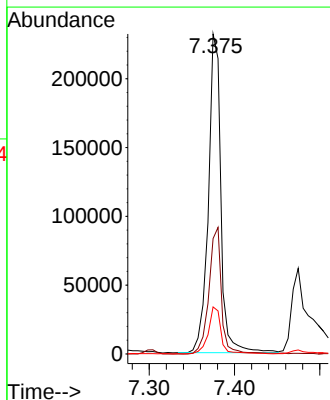
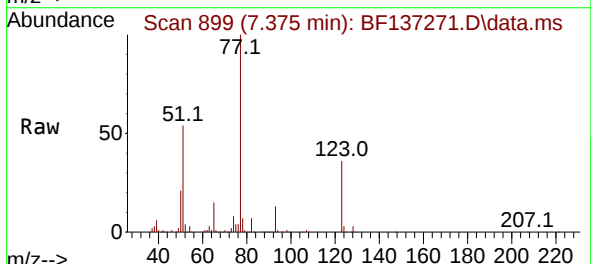
Manual Integrations
APPROVED

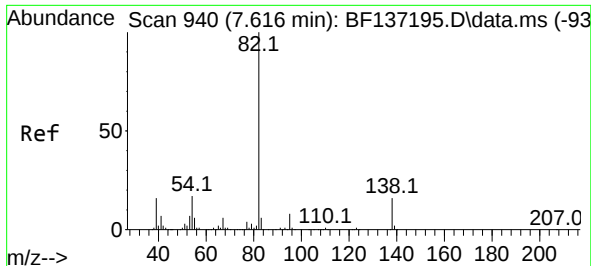
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#24
Nitrobenzene
Concen: 49.977 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

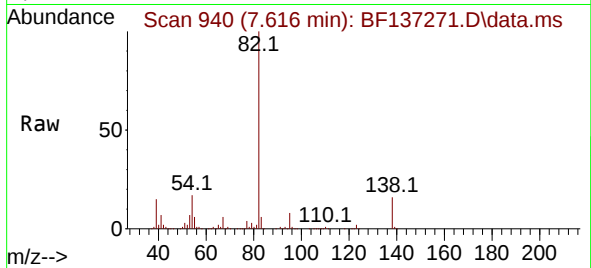
Tgt Ion: 77 Resp: 237614
Ion Ratio Lower Upper
77 100
123 36.1 29.3 43.9
65 14.7 12.0 18.0





#25
Isophorone
Concen: 47.400 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

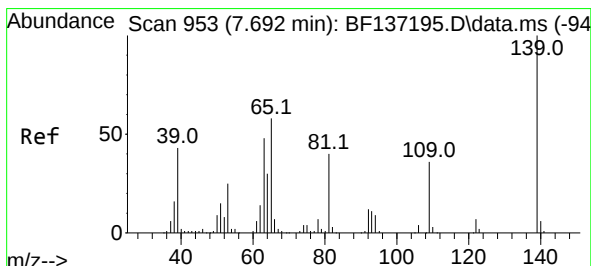
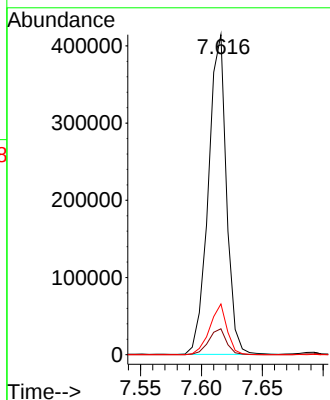
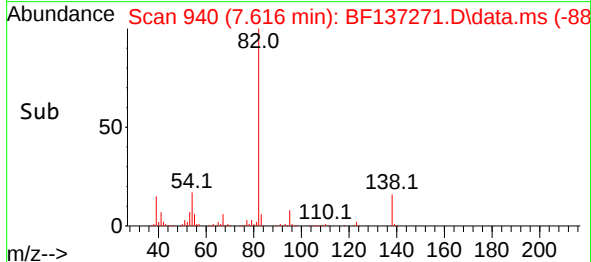
Instrument :
BNA_F
ClientSampleId :
PB158784BS



Tgt Ion: 82 Resp: 42857
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 15.9 12.7 19.1

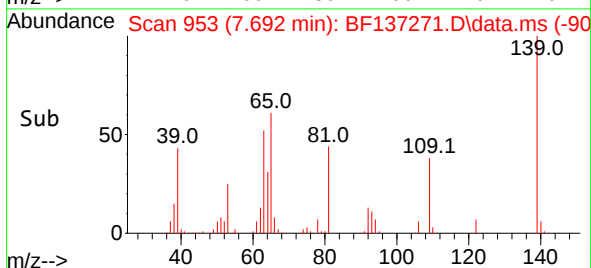
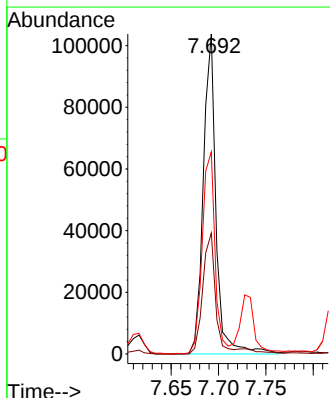
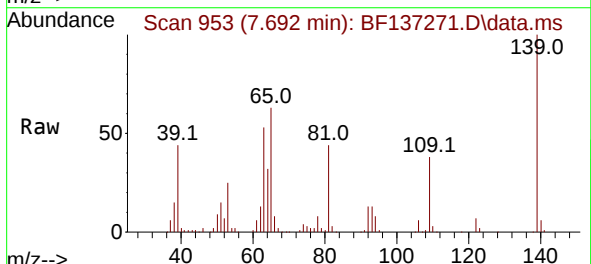
Manual Integrations
APPROVED

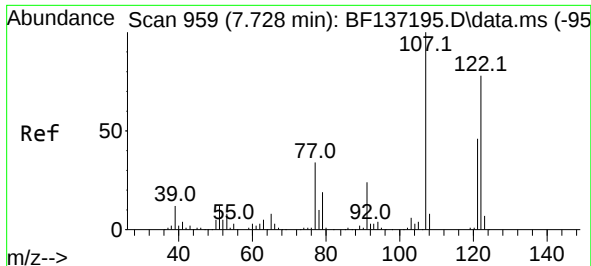
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#26
2-Nitrophenol
Concen: 52.389 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:139 Resp: 96866
Ion Ratio Lower Upper
139 100
109 37.8 28.5 42.7
65 63.2 46.7 70.1





#27
2,4-Dimethylphenol
Concen: 52.559 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

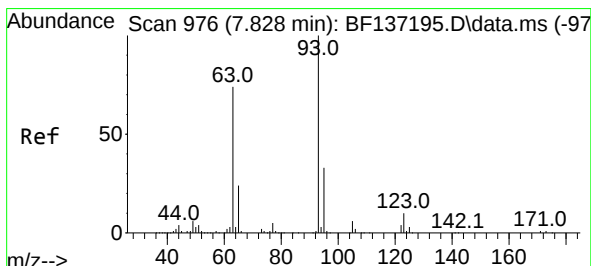
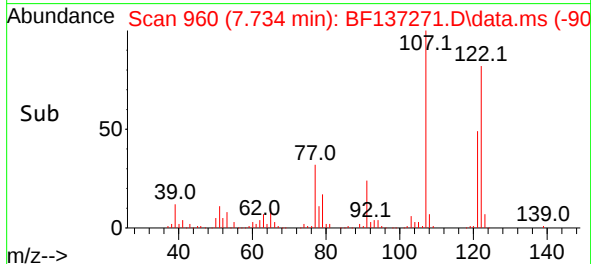
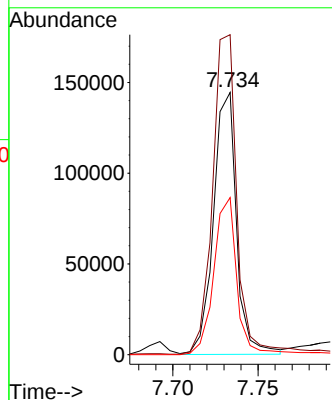
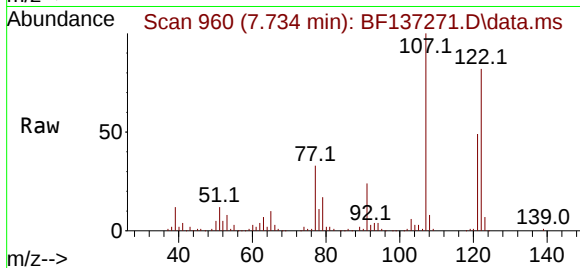
ClientSampleId :

PB158784BS

Tgt Ion:122 Resp: 135833
Ion Ratio Lower Upper
122 100
107 122.0 101.8 152.6
121 59.9 46.6 69.8

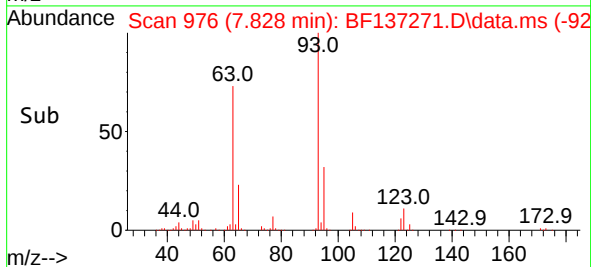
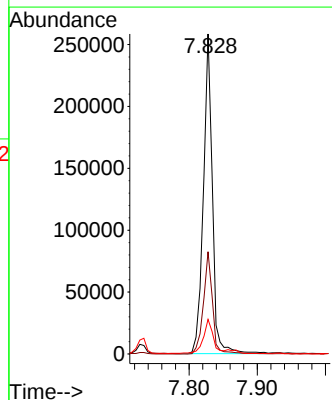
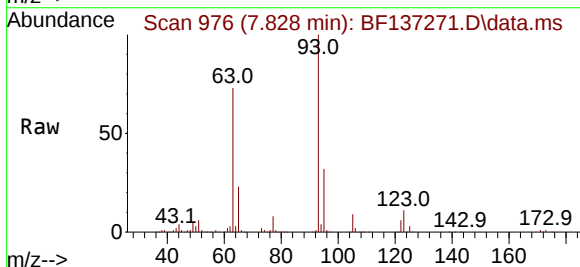
Manual Integrations
APPROVED

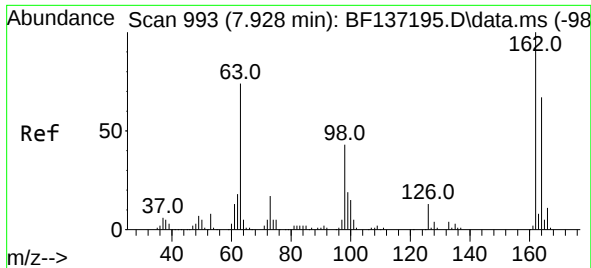
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.735 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion: 93 Resp: 238803
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 10.8 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 51.112 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

Tgt Ion:162 Resp: 163869

Ion Ratio Lower Upper

162 100

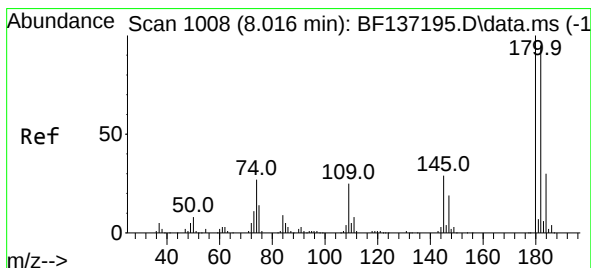
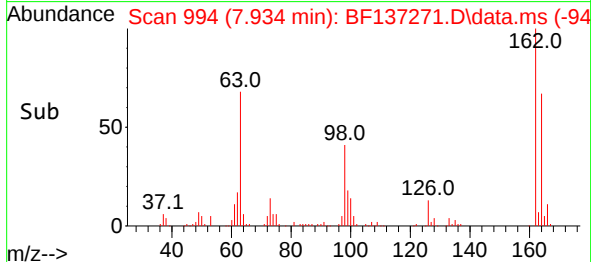
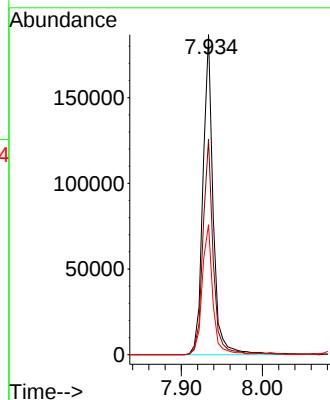
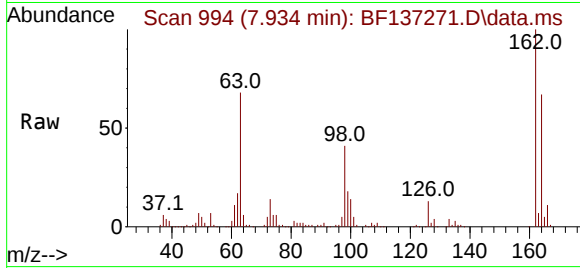
164 67.3 46.7 86.7

98 40.6 22.9 62.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.625 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

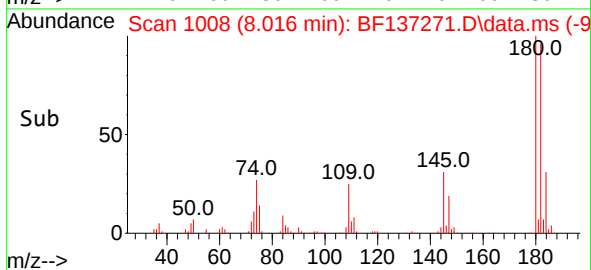
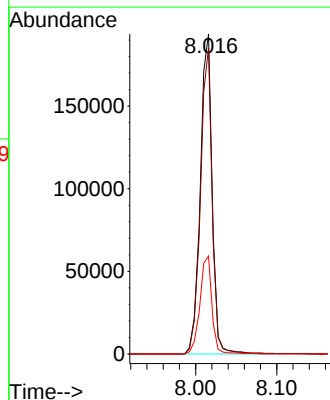
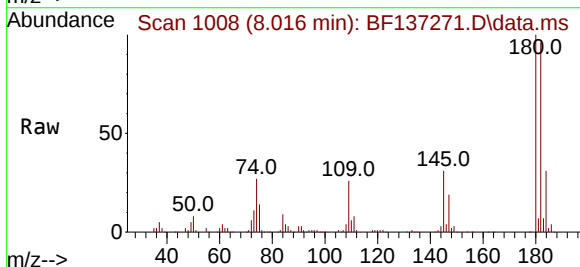
Tgt Ion:180 Resp: 197627

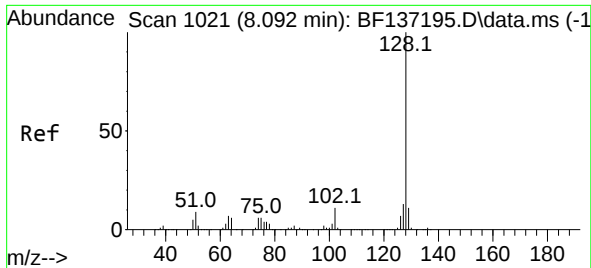
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 30.6 23.2 34.8





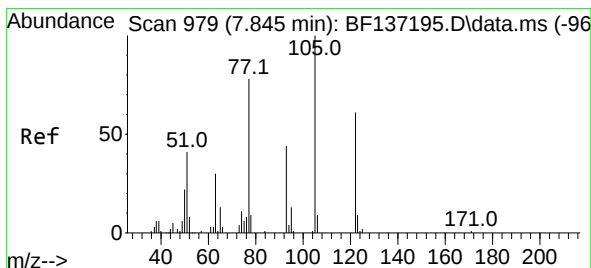
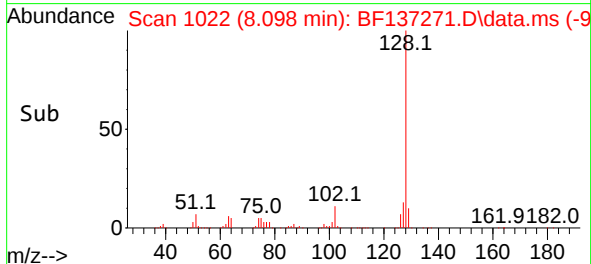
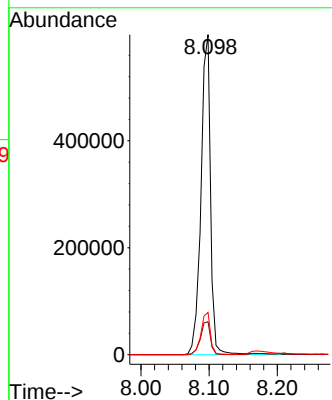
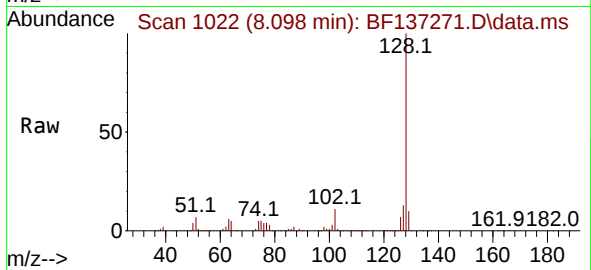
#31
Naphthalene
Concen: 49.194 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:128 Resp: 58327
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.2 10.5 15.7

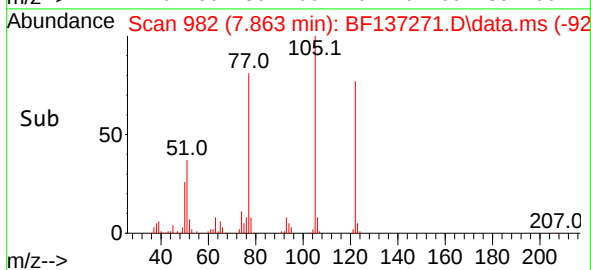
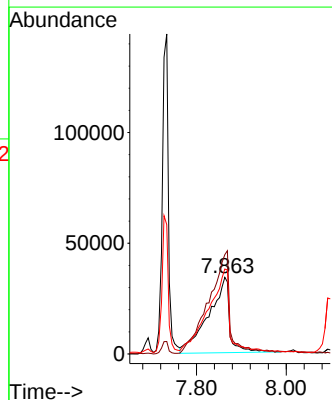
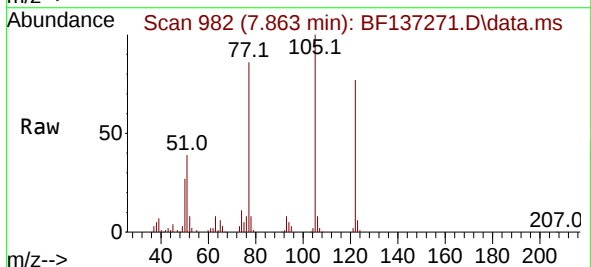
Manual Integrations
APPROVED

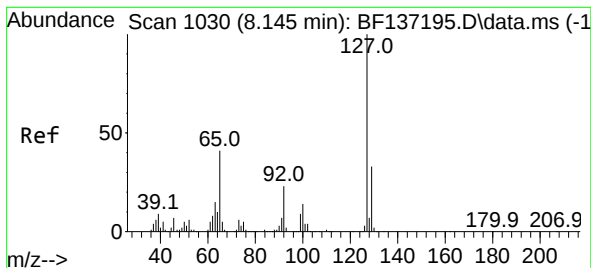
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#32
Benzoic acid
Concen: 58.970 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.018 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:122 Resp: 112284
Ion Ratio Lower Upper
122 100
105 129.8 122.5 162.5
77 111.1 96.4 136.4





#33

4-Chloroaniline

Concen: 6.074 ng m

RT: 8.169 min Scan# 1034

Delta R.T. 0.024 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

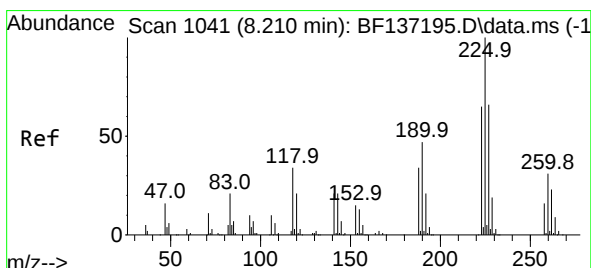
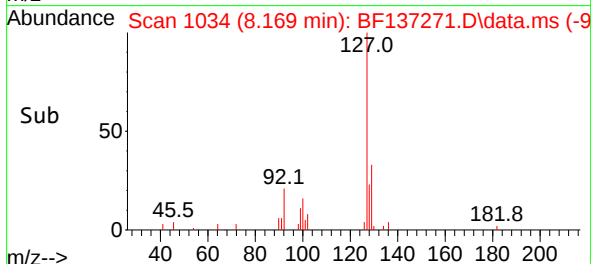
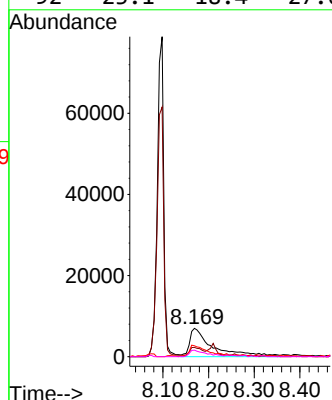
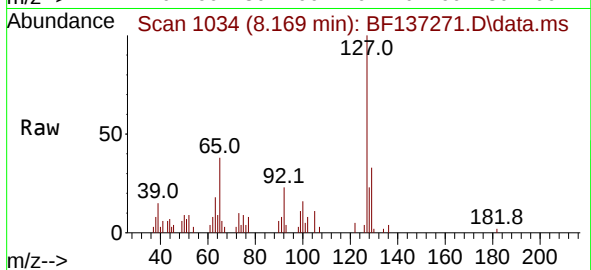
PB158784BS

Tgt Ion:	127	Resp:	24770
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.8	40.2
65	38.4	32.9	49.3
92	23.1	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#34

Hexachlorobutadiene

Concen: 49.368 ng

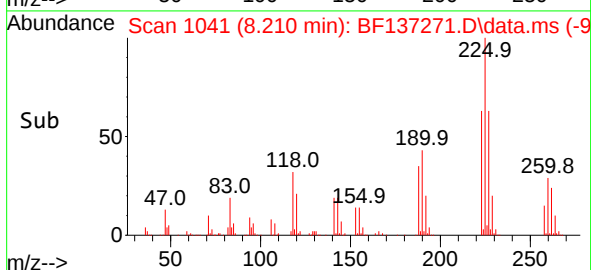
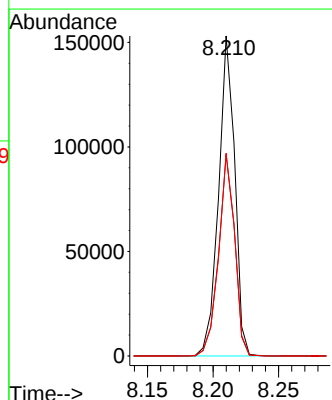
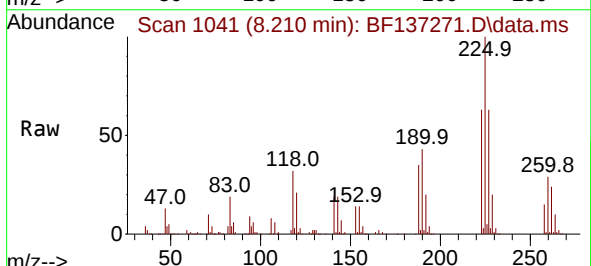
RT: 8.210 min Scan# 1041

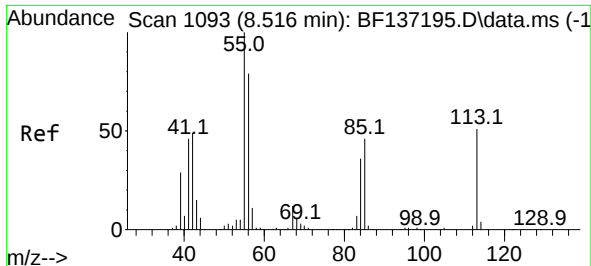
Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

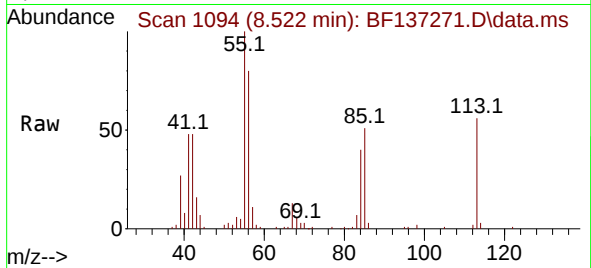
Tgt Ion:	225	Resp:	130725
Ion Ratio	Lower	Upper	
225	100		
223	63.0	52.0	78.0
227	63.4	52.9	79.3





#35
Caprolactam
Concen: 52.830 ng m
RT: 8.522 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

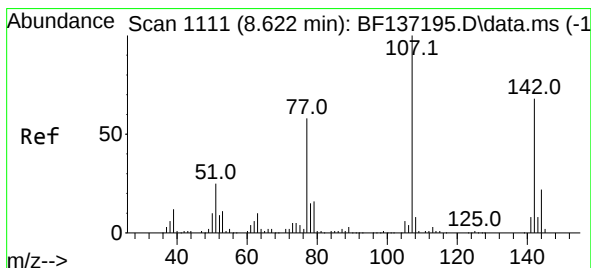
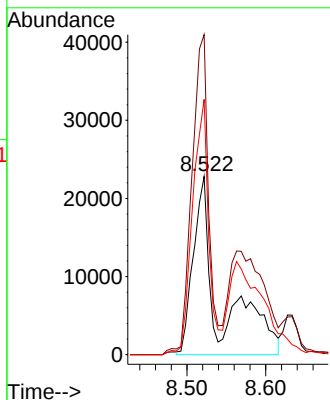
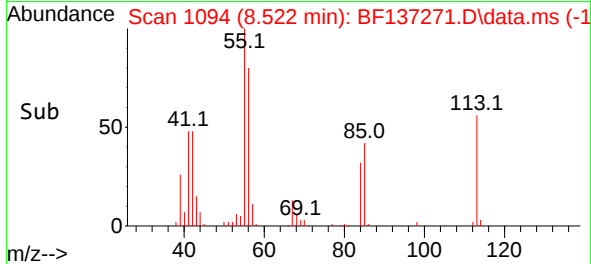
Instrument :
BNA_F
ClientSampleId :
PB158784BS



Tgt Ion:113 Resp: 52660
Ion Ratio Lower Upper
113 100
55 179.5 176.0 216.0
56 143.2 134.0 174.0

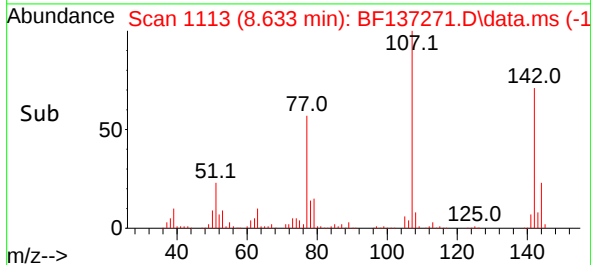
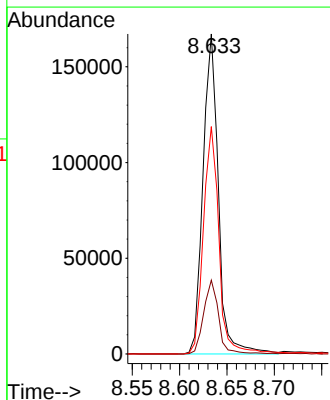
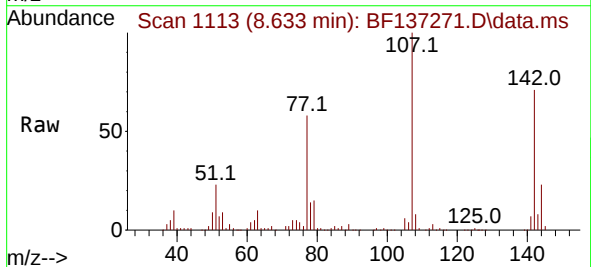
Manual Integrations
APPROVED

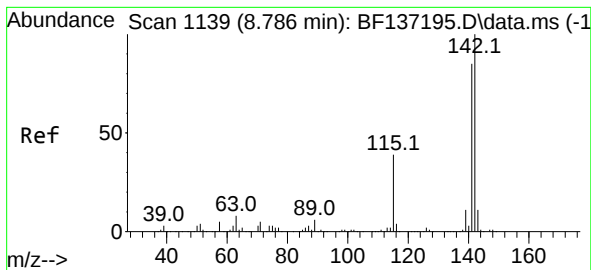
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#36
4-Chloro-3-methylphenol
Concen: 49.711 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:107 Resp: 188243
Ion Ratio Lower Upper
107 100
144 23.0 17.2 25.8
142 71.1 54.6 82.0





#37
2-Methylnaphthalene
Concen: 48.779 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

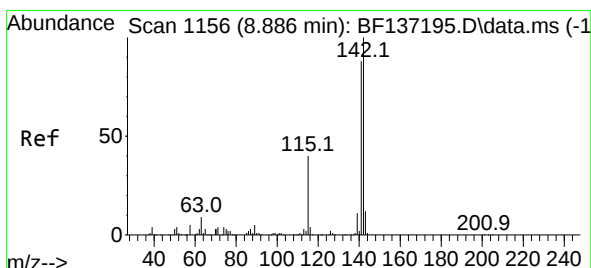
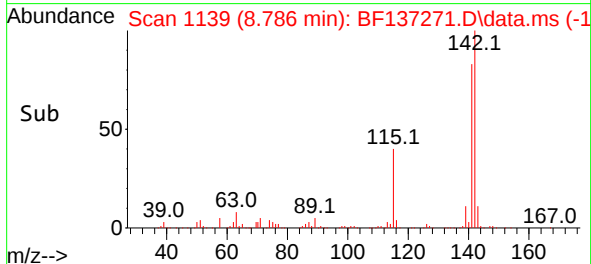
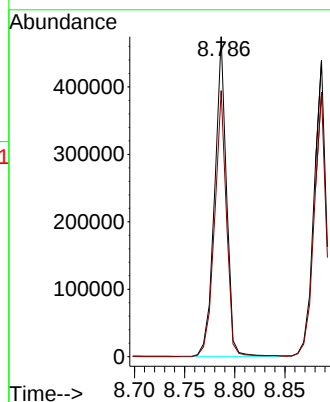
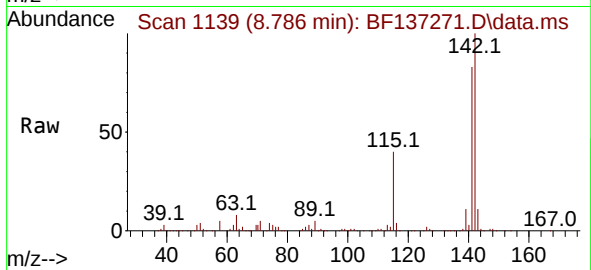
PB158784BS

Tgt Ion:142 Resp: 38773
Ion Ratio Lower Upper
142 100
141 83.2 67.8 101.8

Manual Integrations

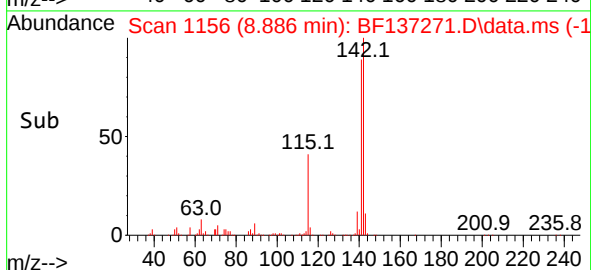
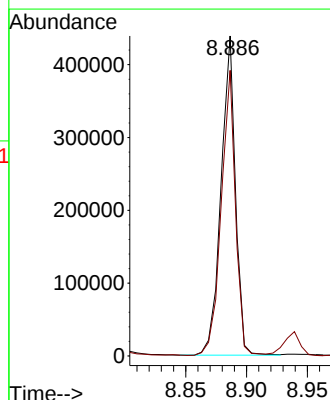
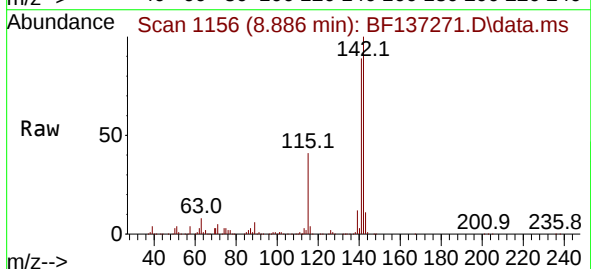
APPROVED

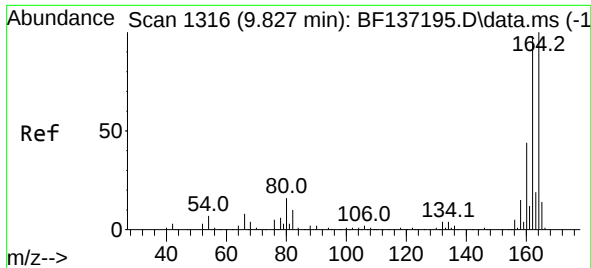
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#38
1-Methylnaphthalene
Concen: 48.840 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:142 Resp: 360583
Ion Ratio Lower Upper
142 100
141 89.3 70.6 105.8





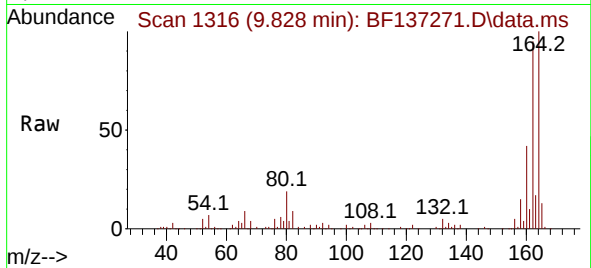
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

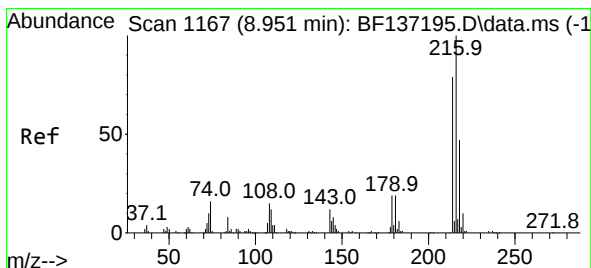
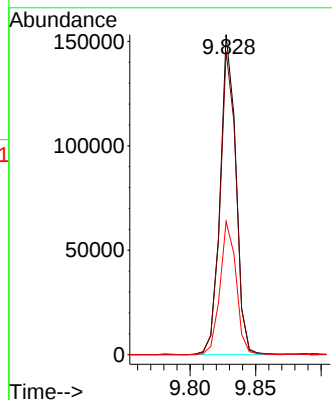
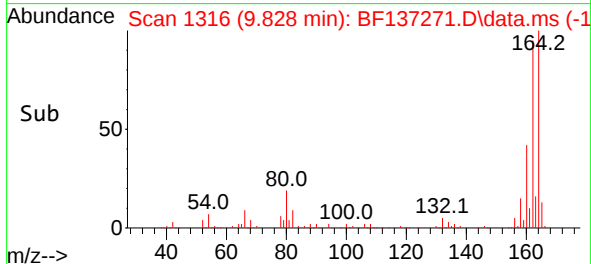


Tgt Ion:164 Resp: 127245
Ion Ratio Lower Upper
164 100
162 94.7 78.3 117.5
160 41.6 35.4 53.2

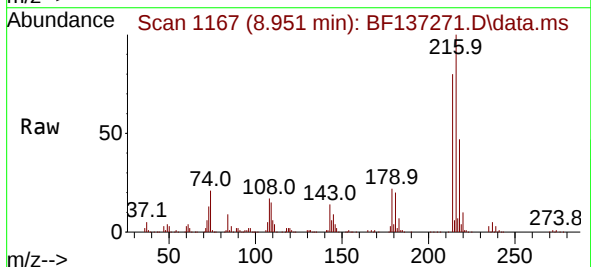
Manual Integrations

APPROVED

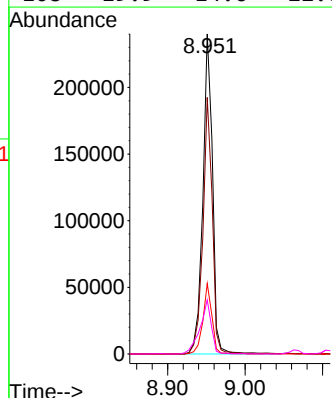
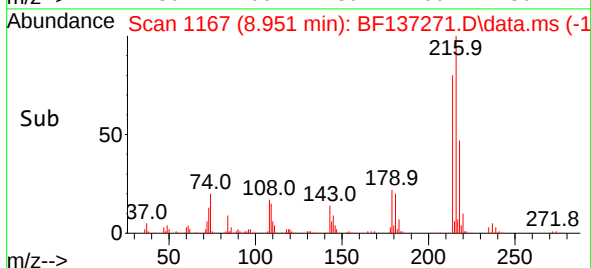
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

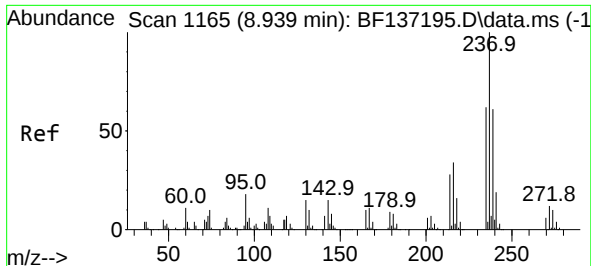


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.788 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



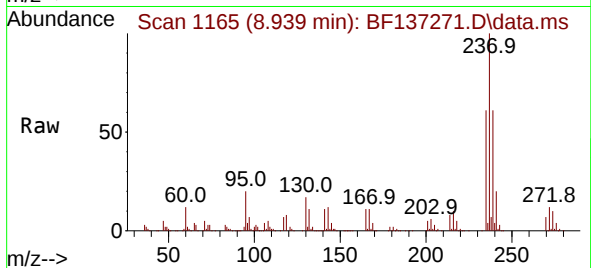
Tgt Ion:216 Resp: 207727
Ion Ratio Lower Upper
216 100
214 78.4 63.9 95.9
179 20.5 16.2 24.2
108 19.9 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 134.308 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

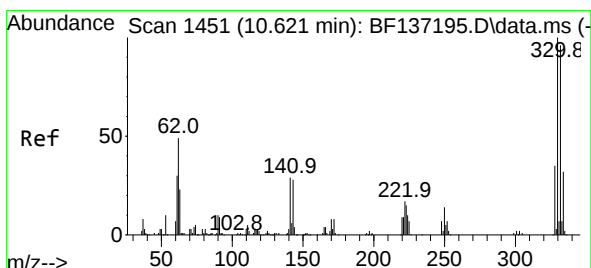
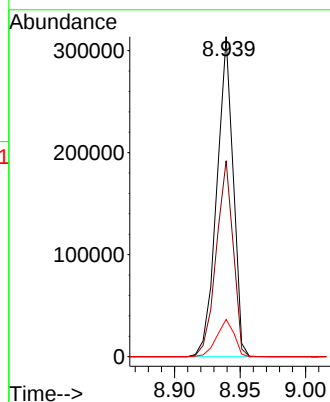
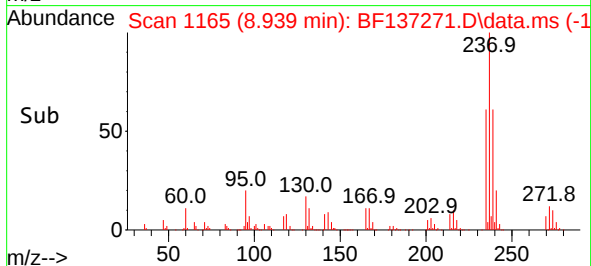
Instrument :
BNA_F
ClientSampleId :
PB158784BS



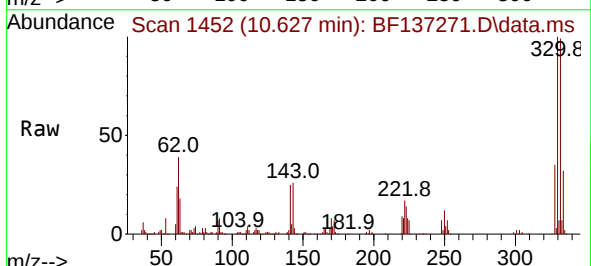
Tgt Ion: 237 Resp: 27236
Ion Ratio Lower Upper
237 100
235 61.3 41.6 81.6
272 11.7 0.0 32.4

Manual Integrations
APPROVED

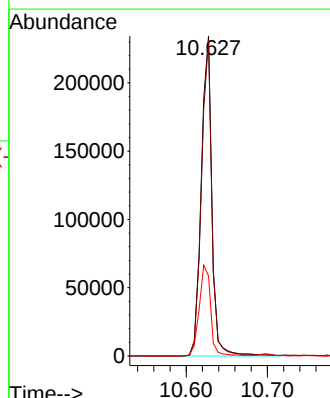
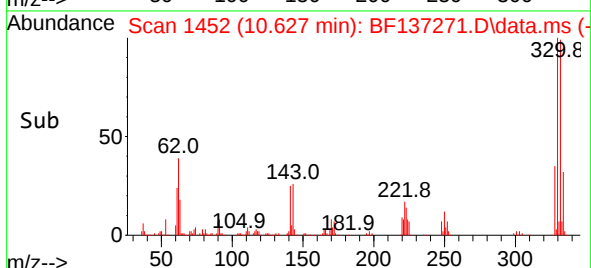
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

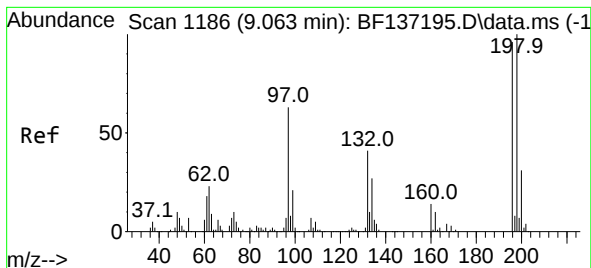


#42
2,4,6-Tribromophenol
Concen: 148.528 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion: 330 Resp: 213441
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.6 25.2 37.8





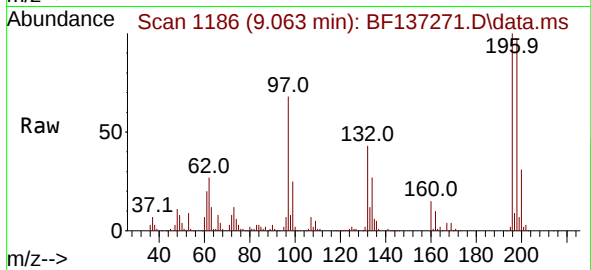
#43
2,4,6-Trichlorophenol
Concen: 53.343 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

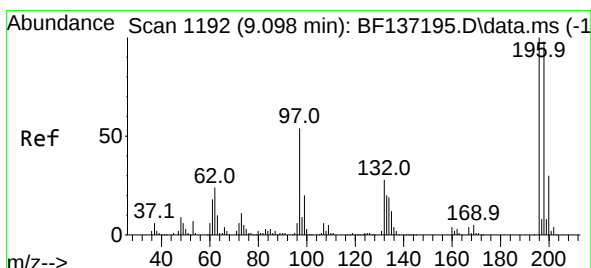
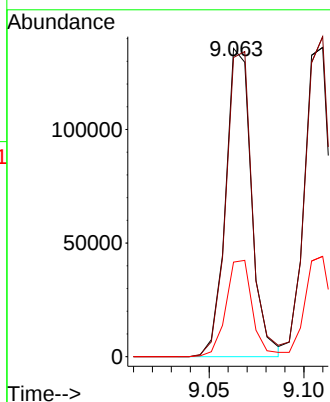
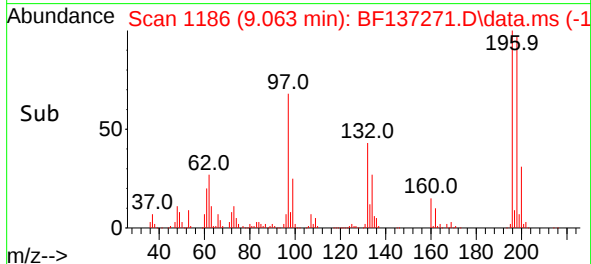


Tgt Ion:196 Resp: 12882
Ion Ratio Lower Upper
196 100
198 97.0 83.0 124.6
200 30.6 25.9 38.9

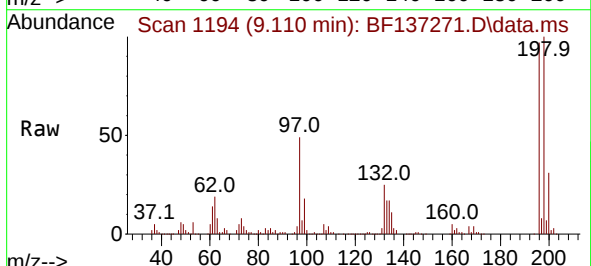
Manual Integrations

APPROVED

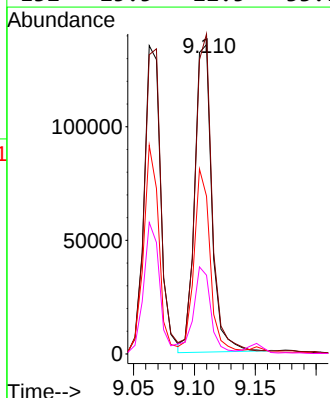
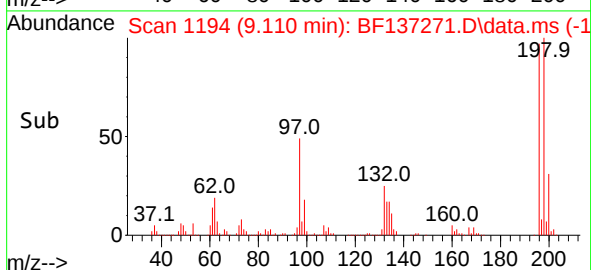
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

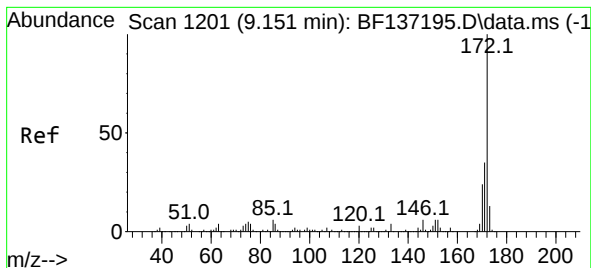


#44
2,4,5-Trichlorophenol
Concen: 50.441 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion:196 Resp: 133151
Ion Ratio Lower Upper
196 100
198 103.5 78.2 117.4
97 51.0 44.2 66.2
132 25.5 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 88.935 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

Tgt Ion:172 Resp: 823218

Ion Ratio Lower Upper

172 100

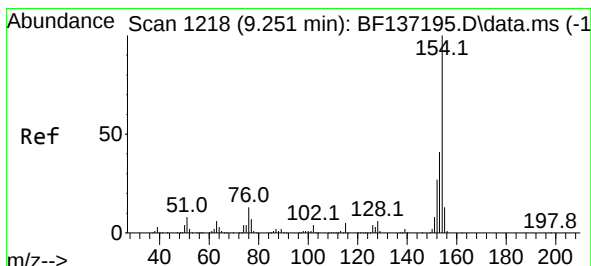
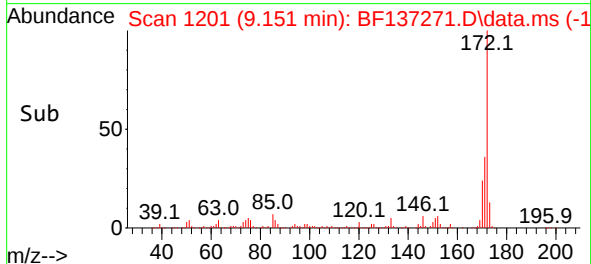
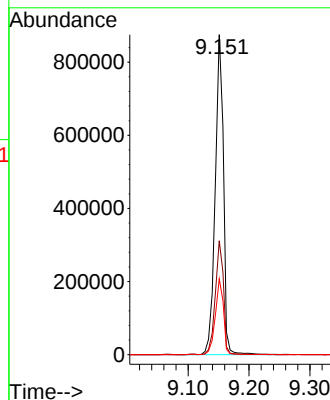
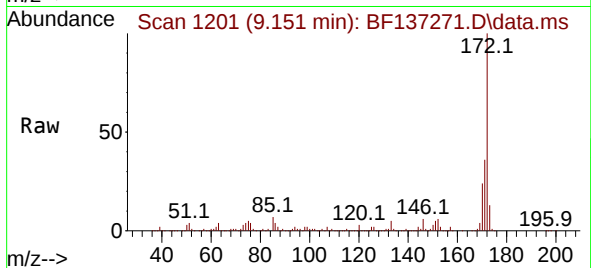
171 35.6 28.3 42.5

170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#46

1,1'-Biphenyl

Concen: 49.047 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

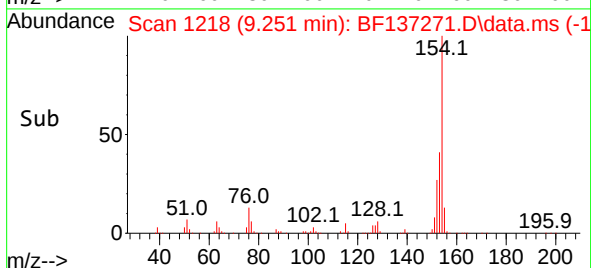
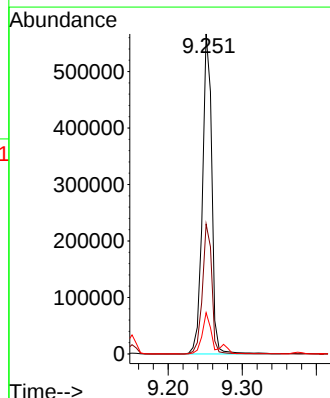
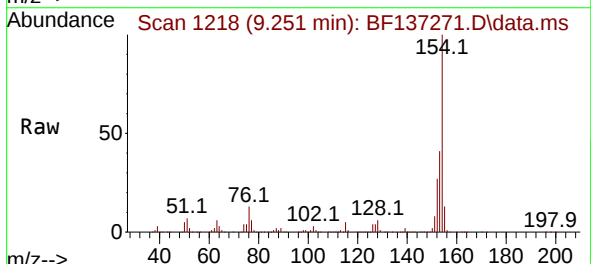
Tgt Ion:154 Resp: 496551

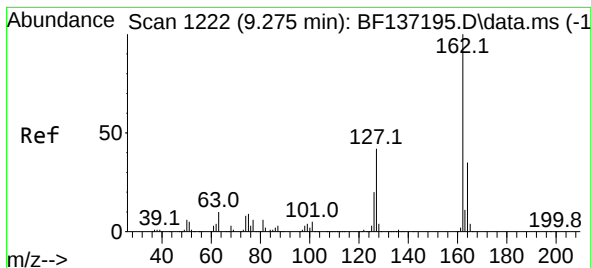
Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 48.627 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

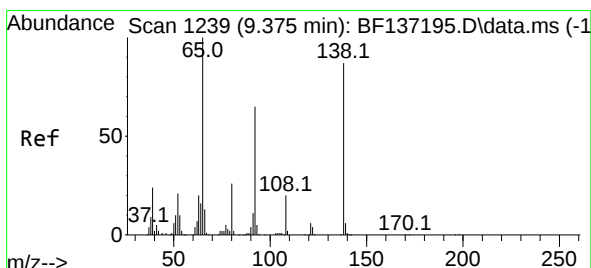
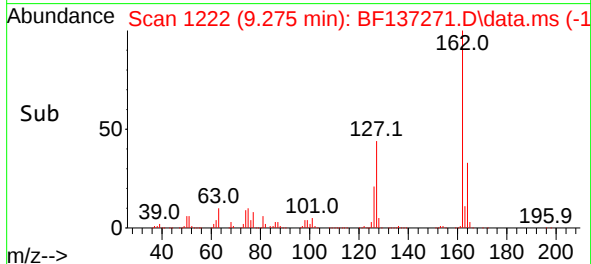
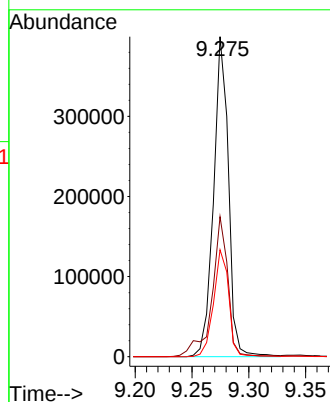
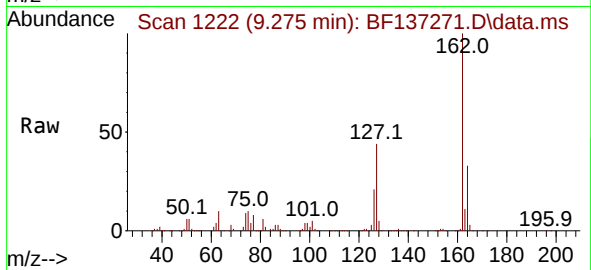
PB158784BS

Tgt Ion:162 Resp: 364334
 Ion Ratio Lower Upper
 162 100
 127 43.8 34.1 51.1
 164 33.4 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024



#48

2-Nitroaniline

Concen: 53.724 ng

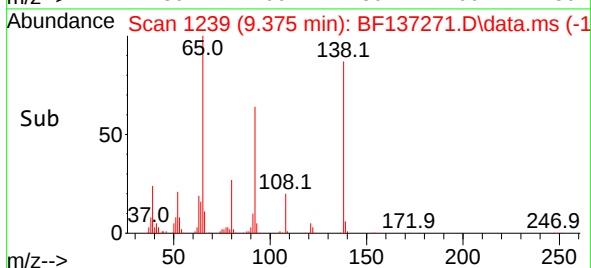
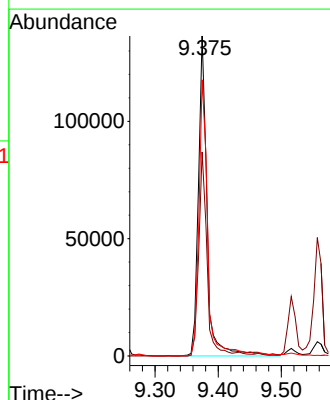
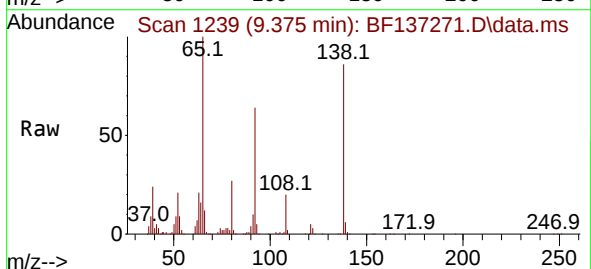
RT: 9.375 min Scan# 1239

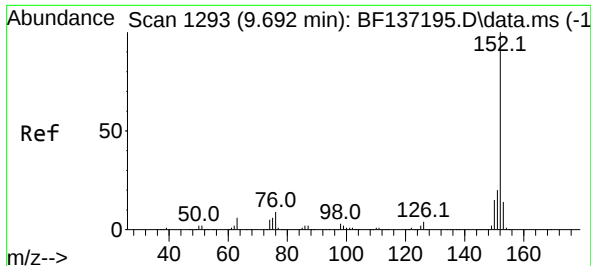
Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Tgt Ion: 65 Resp: 130279
 Ion Ratio Lower Upper
 65 100
 92 63.8 51.7 77.5
 138 86.3 69.7 104.5





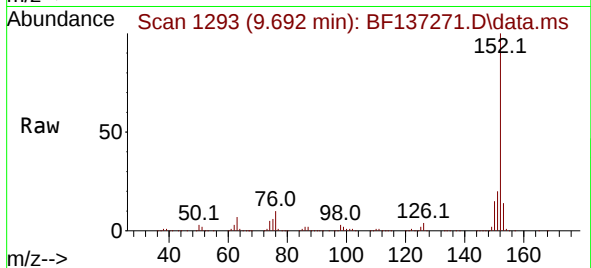
#49
Acenaphthylene
Concen: 48.851 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

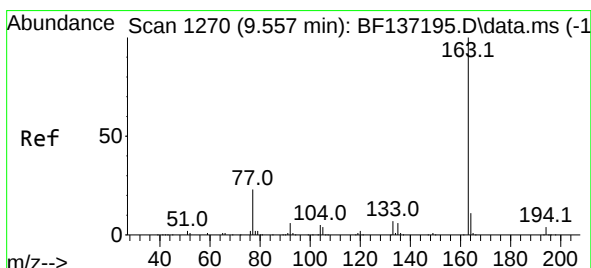
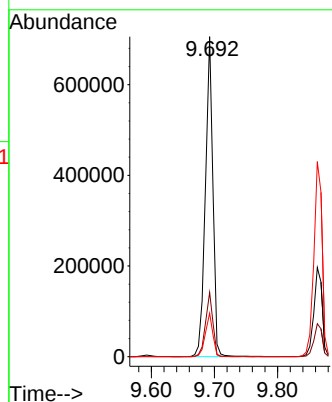
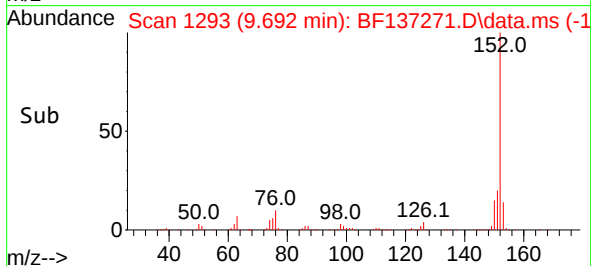


Tgt Ion:152 Resp: 58594
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.2 16.8

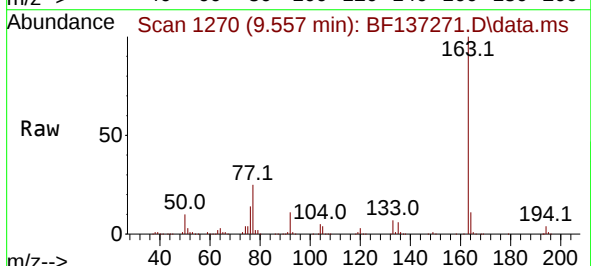
Manual Integrations

APPROVED

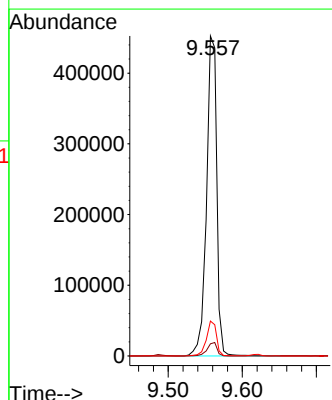
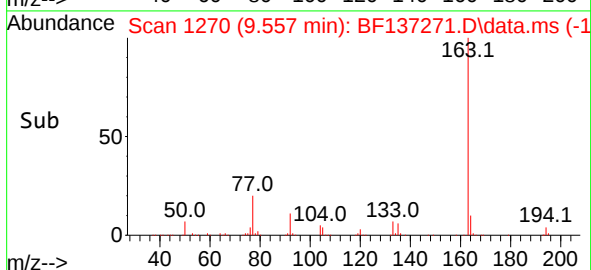
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

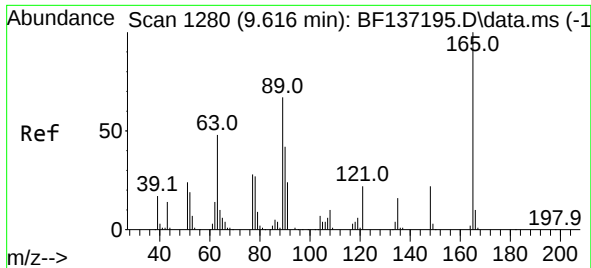


#50
Dimethylphthalate
Concen: 50.788 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion:163 Resp: 436590
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.9 8.6 13.0





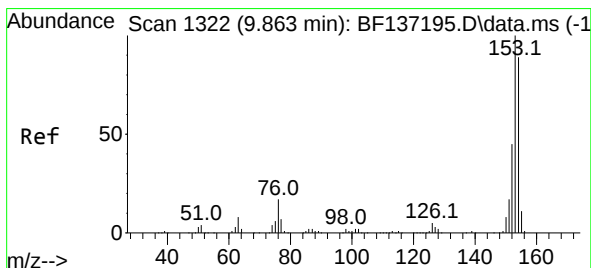
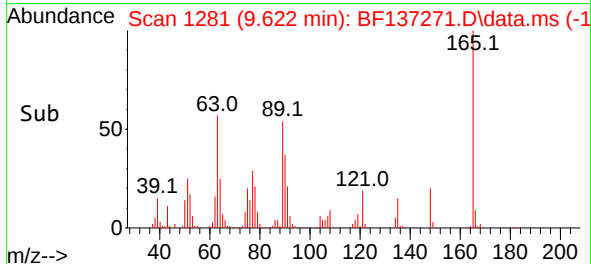
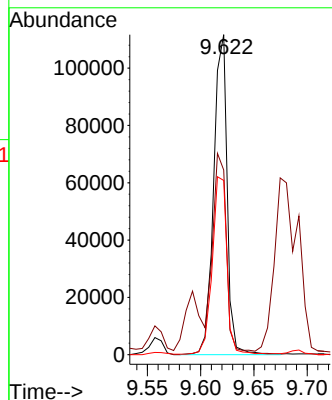
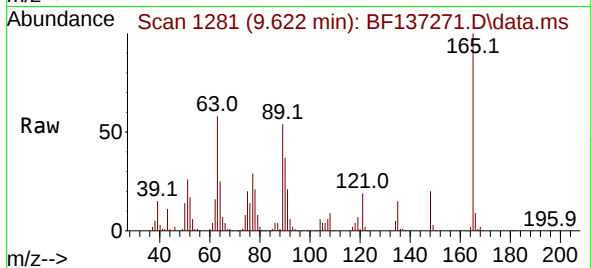
#51
2,6-Dinitrotoluene
Concen: 53.959 ng
RT: 9.622 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:165 Resp: 98912
Ion Ratio Lower Upper
165 100
63 57.7 55.1 82.7
89 54.4 53.5 80.3

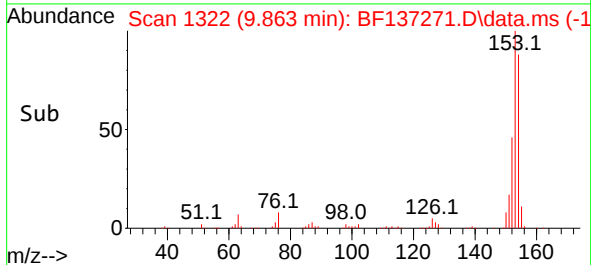
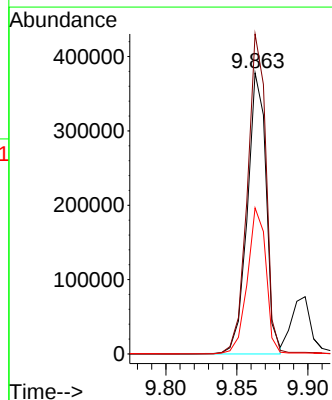
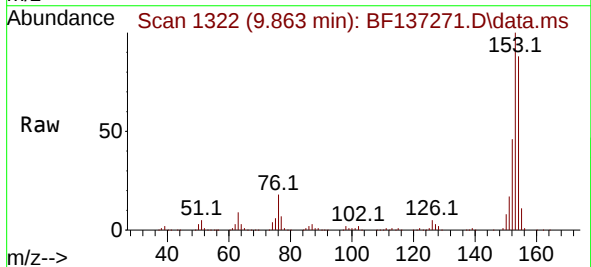
Manual Integrations
APPROVED

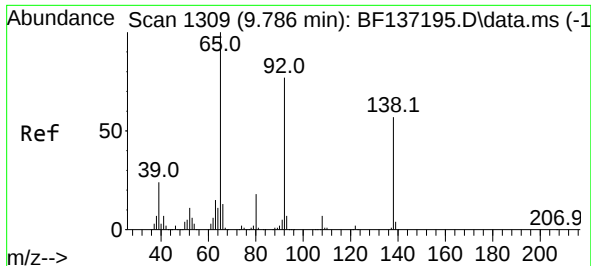
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#52
Acenaphthene
Concen: 49.241 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:154 Resp: 347124
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.4
152 52.0 40.6 60.8





#53
3-Nitroaniline
Concen: 28.199 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

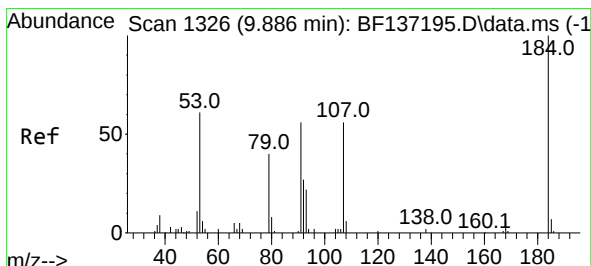
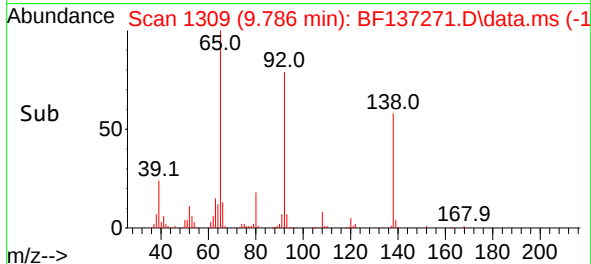
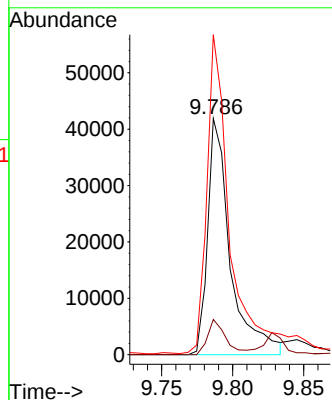
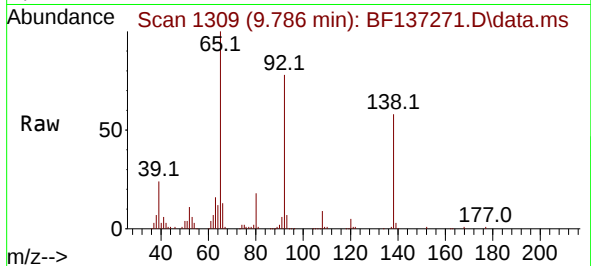
ClientSampleId :

PB158784BS

Tgt Ion:138 Resp: 46518
Ion Ratio Lower Upper
138 100
108 14.9 10.4 15.6
92 135.5 108.6 162.8

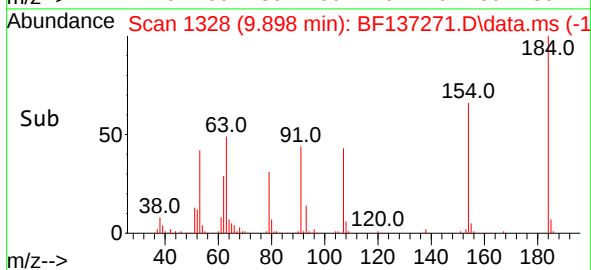
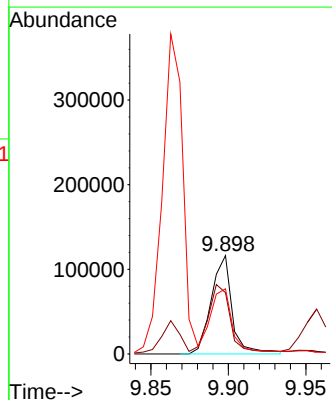
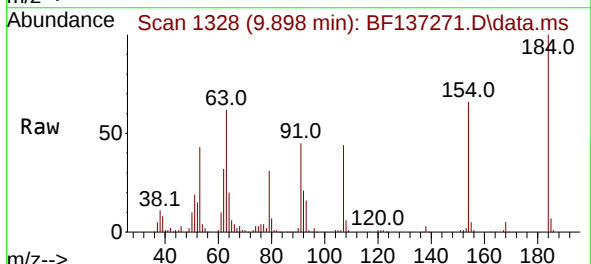
Manual Integrations
APPROVED

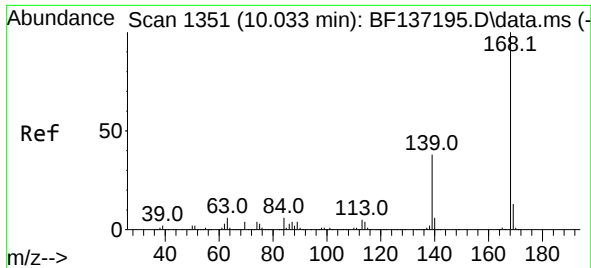
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#54
2,4-Dinitrophenol
Concen: 126.218 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:184 Resp: 109363
Ion Ratio Lower Upper
184 100
63 62.4 71.2 106.8#
154 66.2 64.9 97.3





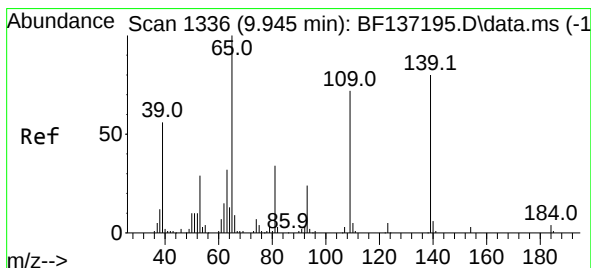
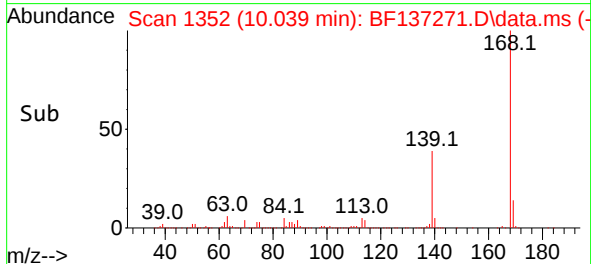
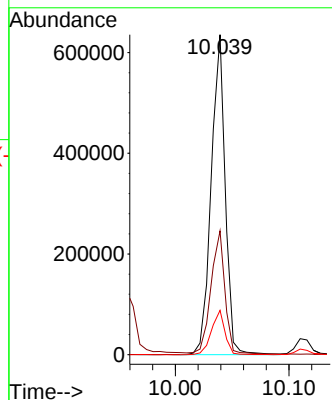
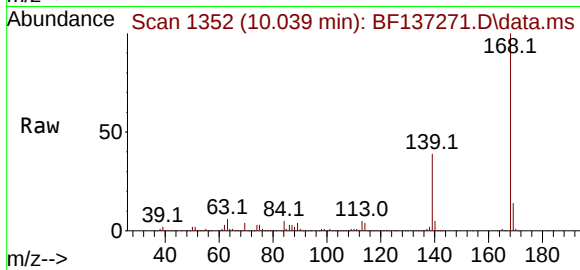
#55
Dibenzenofuran
Concen: 48.572 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:168 Resp: 544750
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 13.9 10.6 16.0

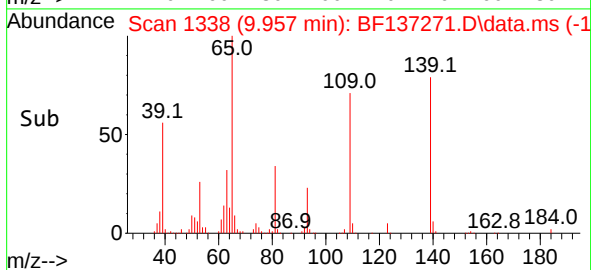
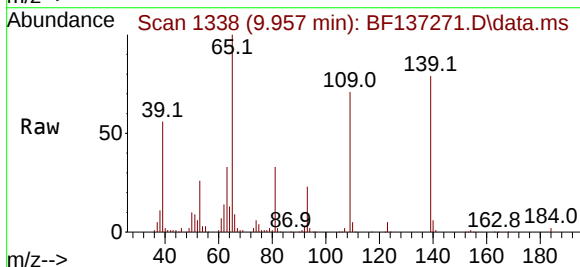
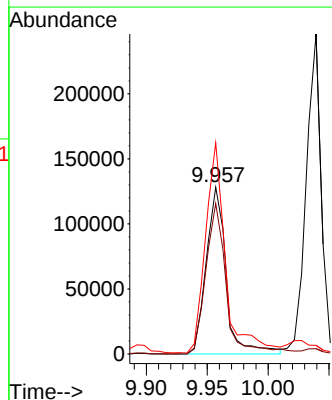
Manual Integrations
APPROVED

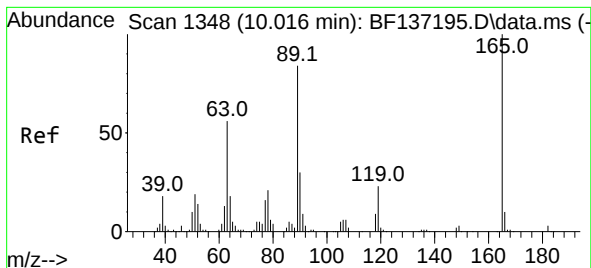
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#56
4-Nitrophenol
Concen: Below Cal
RT: 9.957 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:139 Resp: 145739
Ion Ratio Lower Upper
139 100
109 90.2 70.4 110.4
65 126.7 107.6 147.6





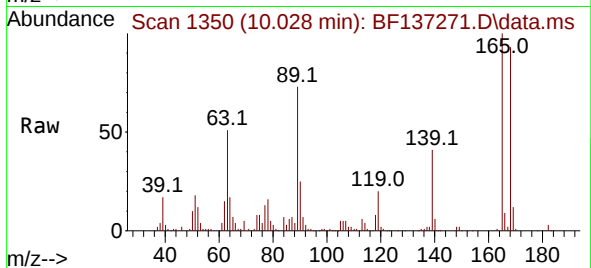
#57
2,4-Dinitrotoluene
Concen: 56.229 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

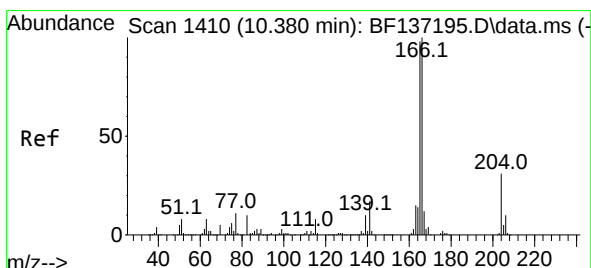
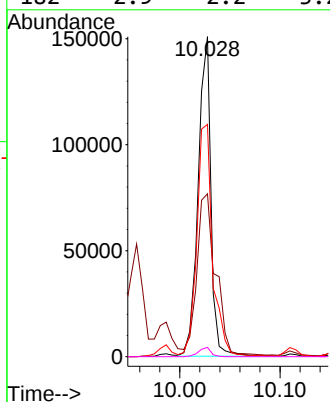
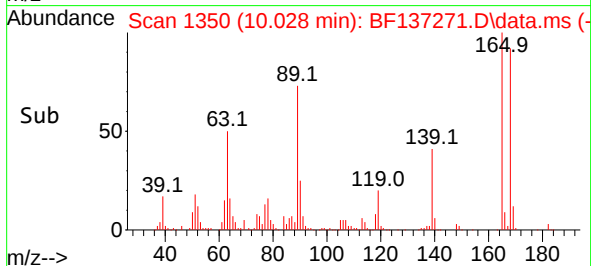


Tgt Ion:165 Resp: 133739
Ion Ratio Lower Upper
165 100
63 50.9 46.1 69.1
89 72.6 67.5 101.3
182 2.9 2.2 3.2

Manual Integrations

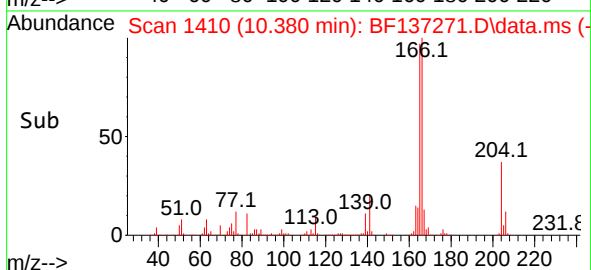
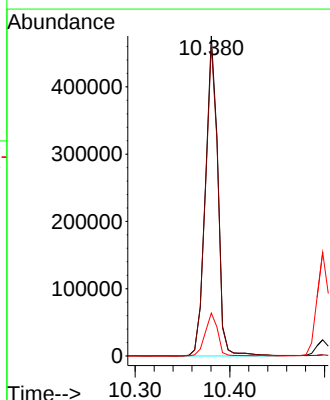
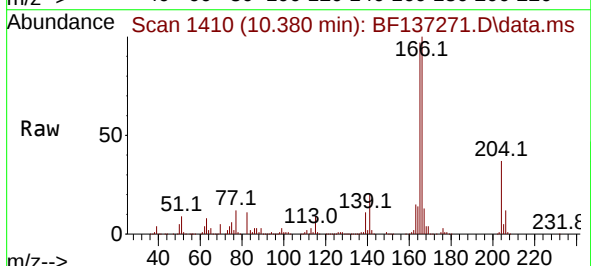
APPROVED

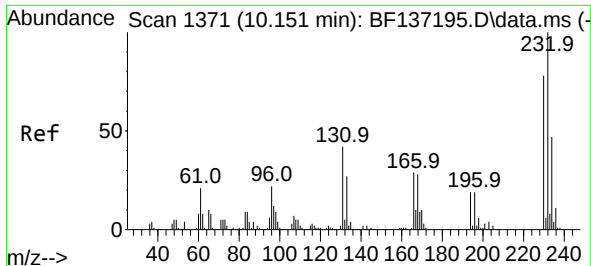
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#58
Fluorene
Concen: 49.087 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

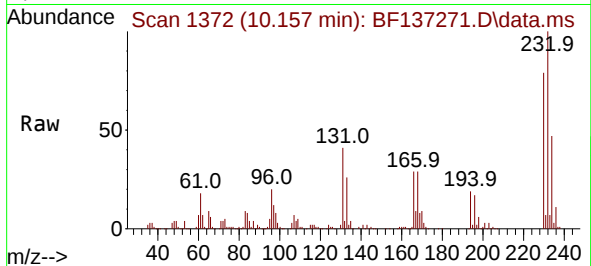
Tgt Ion:166 Resp: 431593
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.4 10.0 15.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.358 ng m
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

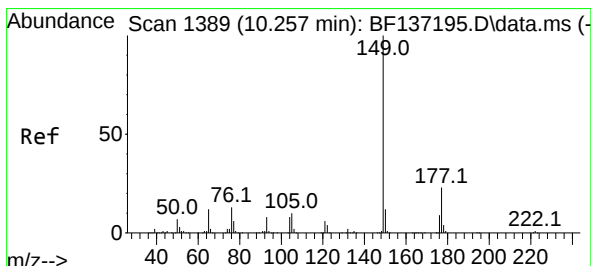
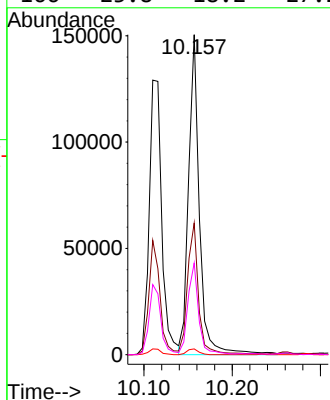
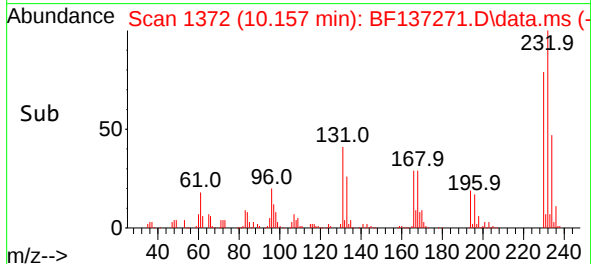
Instrument :
BNA_F
ClientSampleId :
PB158784BS



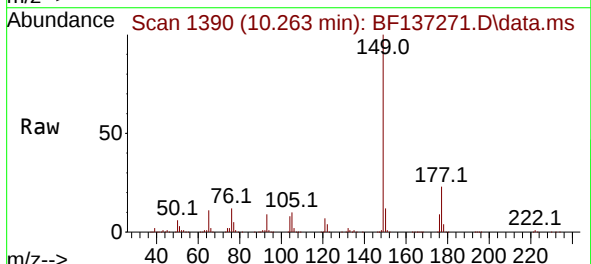
Tgt Ion:232 Resp: 128598
Ion Ratio Lower Upper
232 100
131 36.7 27.4 41.2
130 2.0 1.7 2.5
166 23.8 18.2 27.2

Manual Integrations
APPROVED

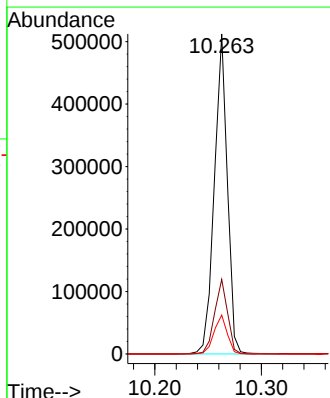
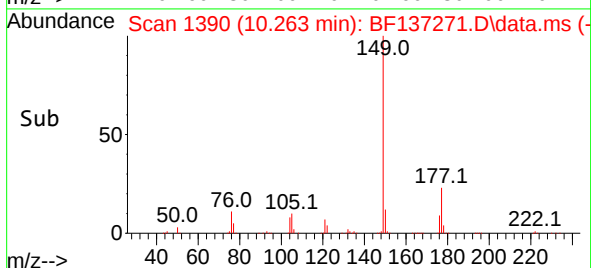
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

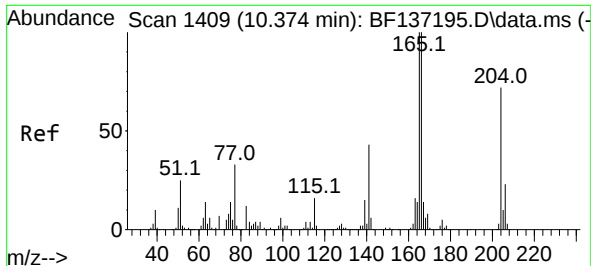


#60
Diethylphthalate
Concen: 51.413 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



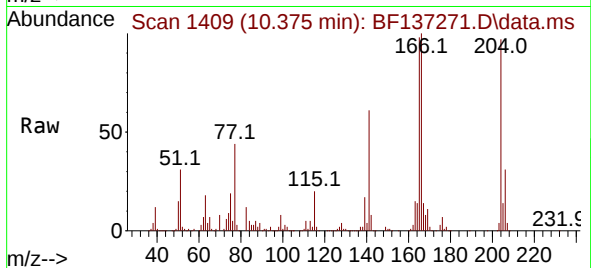
Tgt Ion:149 Resp: 435173
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 12.1 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 48.647 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

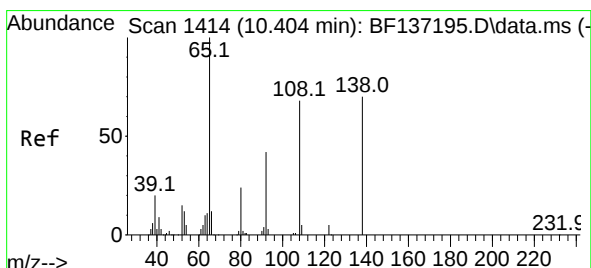
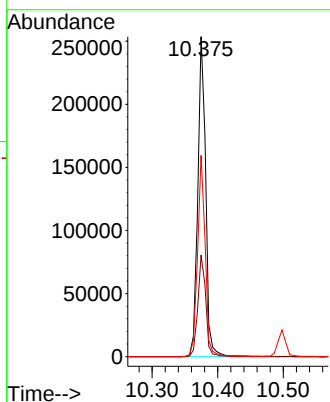
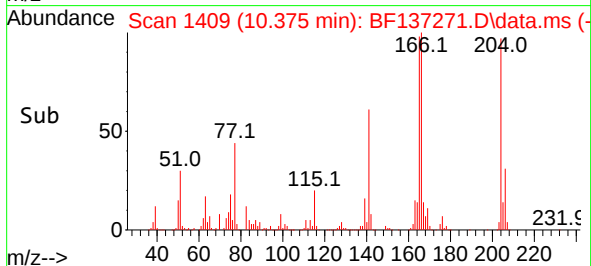
Instrument :
BNA_F
ClientSampleId :
PB158784BS



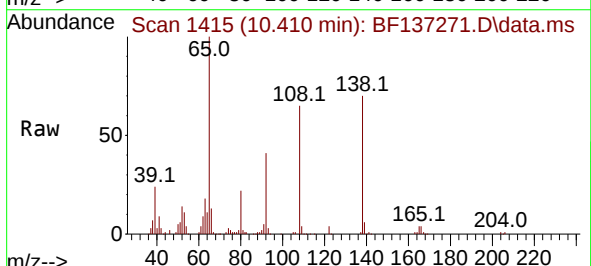
Tgt Ion:204 Resp: 212604
Ion Ratio Lower Upper
204 100
206 31.7 25.5 38.3
141 62.9 48.3 72.5

Manual Integrations
APPROVED

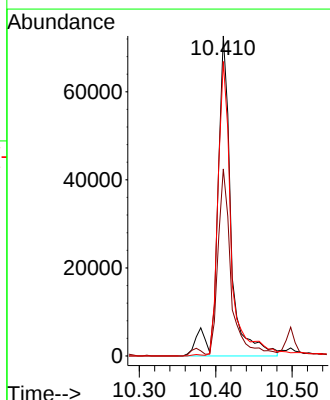
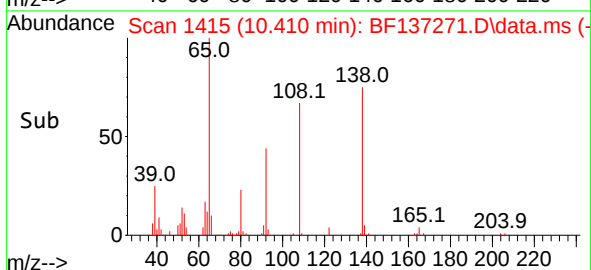
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

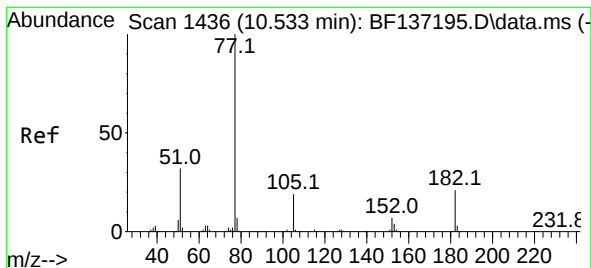


#62
4-Nitroaniline
Concen: 56.327 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion:138 Resp: 88939
Ion Ratio Lower Upper
138 100
92 58.5 39.3 79.3
108 92.0 75.3 115.3





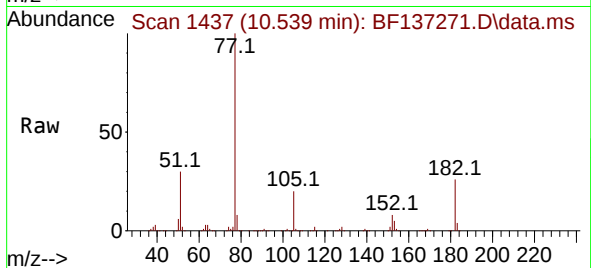
#63
Azobenzene
Concen: 47.818 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

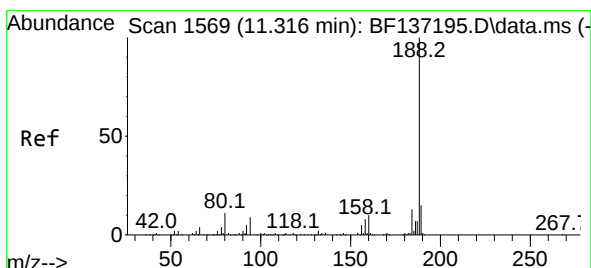
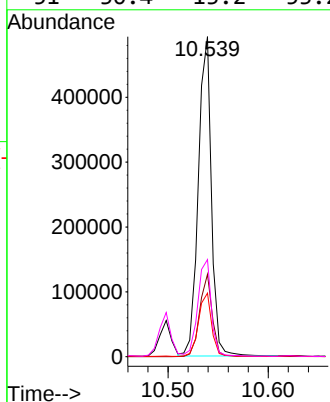
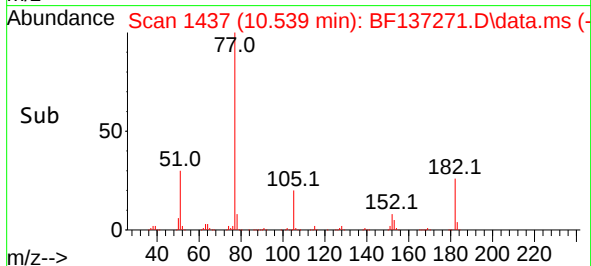


Tgt Ion: 77 Resp: 44825
Ion Ratio Lower Upper
77 100
182 25.8 1.1 41.1
105 19.8 0.0 38.9
51 30.4 13.2 53.2

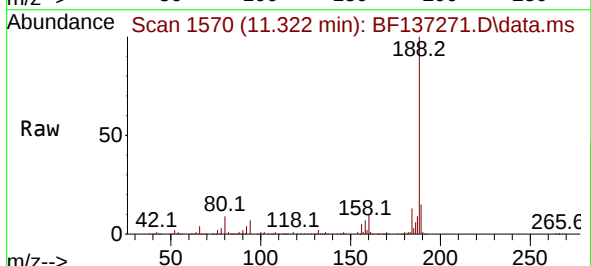
Manual Integrations

APPROVED

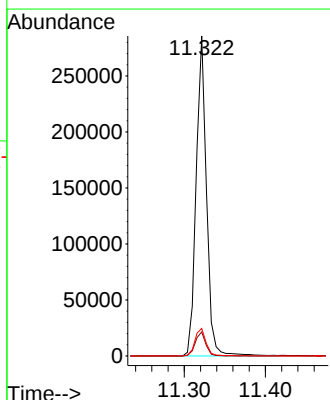
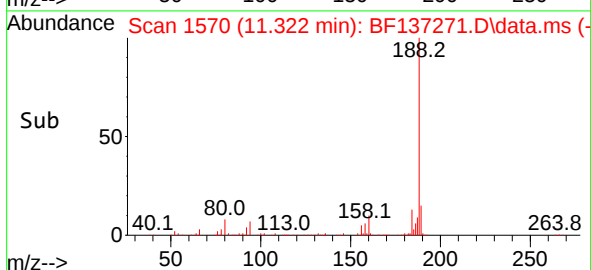
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

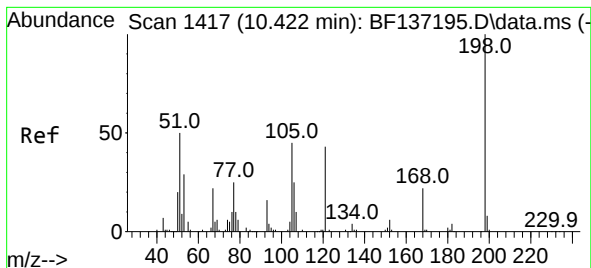


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35



Tgt Ion:188 Resp: 254625
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.6 8.8 13.2#





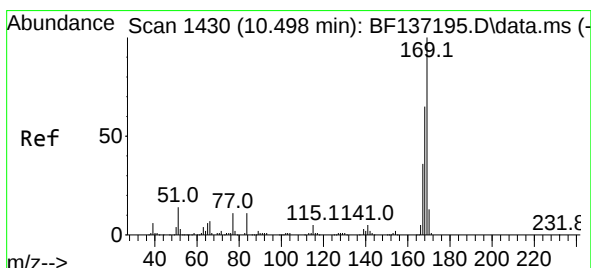
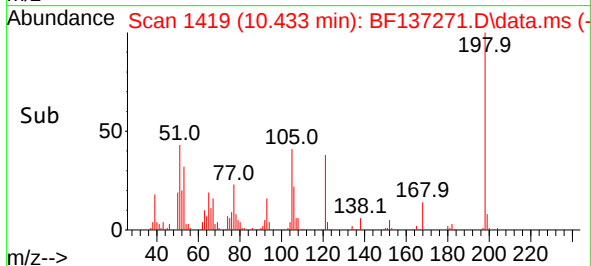
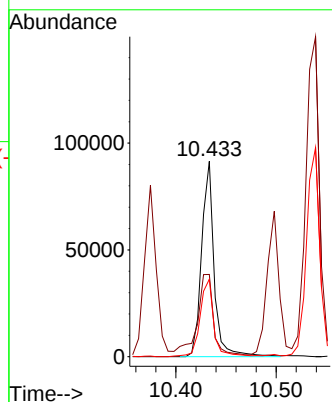
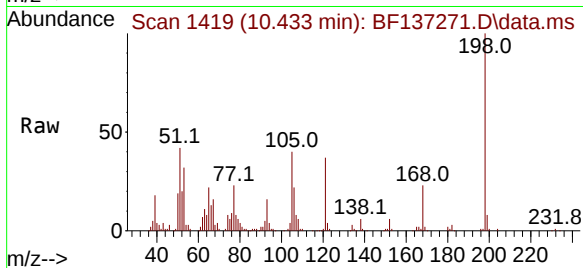
#65
4,6-Dinitro-2-methylphenol
Concen: 58.004 ng
RT: 10.433 min Scan# 1417
Delta R.T. 0.011 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:198 Resp: 7996
Ion Ratio Lower Upper
198 100
51 42.1 40.9 80.9
105 39.6 26.5 66.5

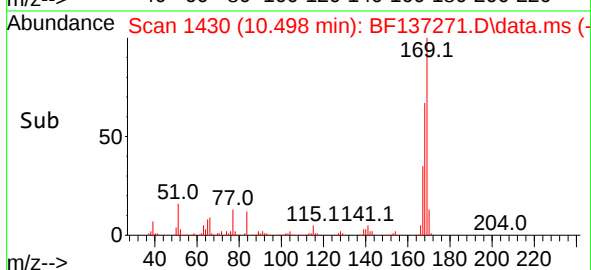
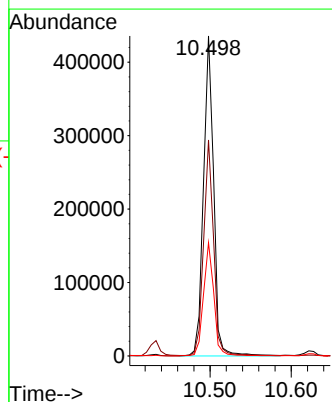
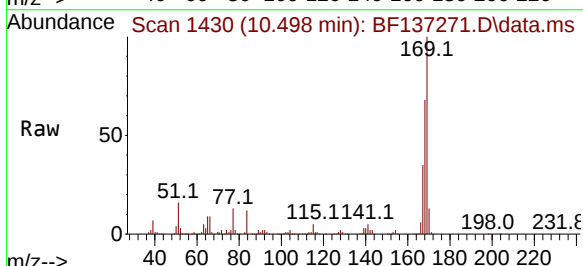
Manual Integrations
APPROVED

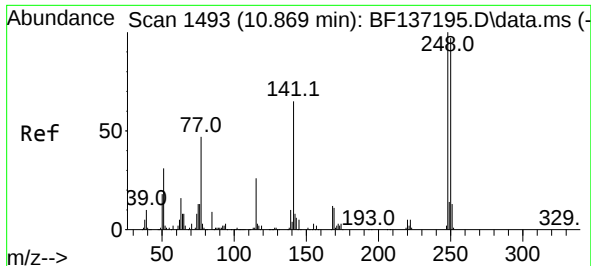
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#66
n-Nitrosodiphenylamine
Concen: 48.936 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:169 Resp: 378868
Ion Ratio Lower Upper
169 100
168 67.5 51.9 77.9
167 35.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.091 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

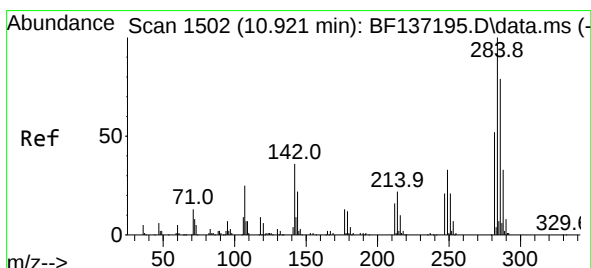
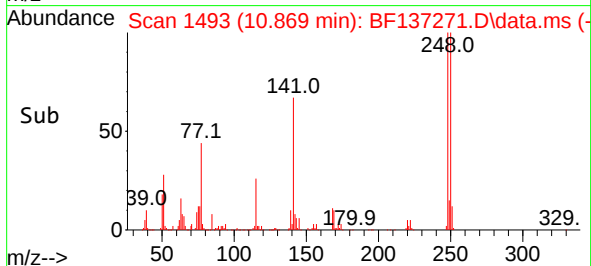
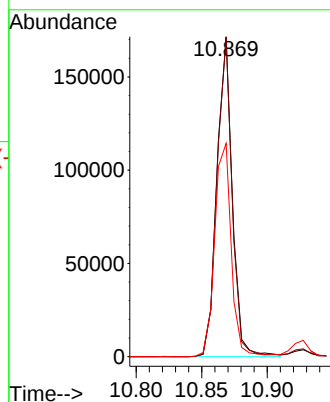
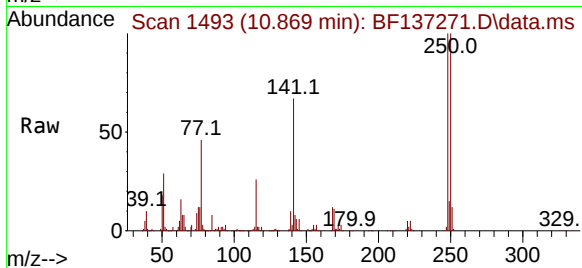
PB158784BS

Tgt Ion:248 Resp: 140244
Ion Ratio Lower Upper
248 100
250 100.2 77.7 116.5
141 66.8 51.6 77.4

Manual Integrations

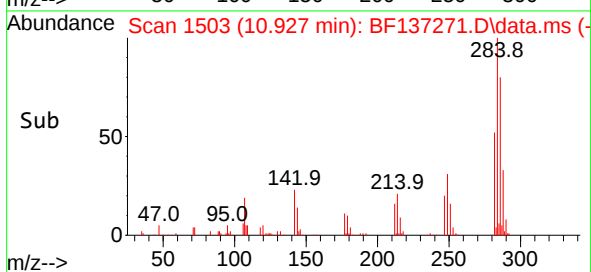
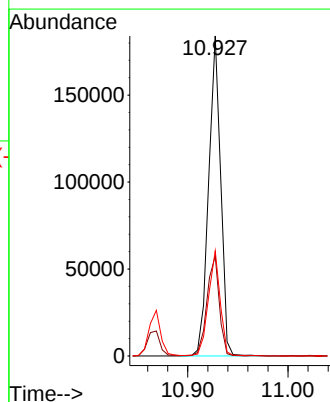
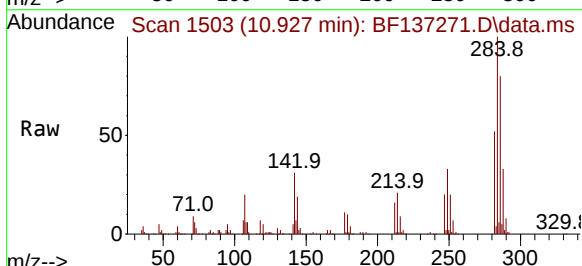
APPROVED

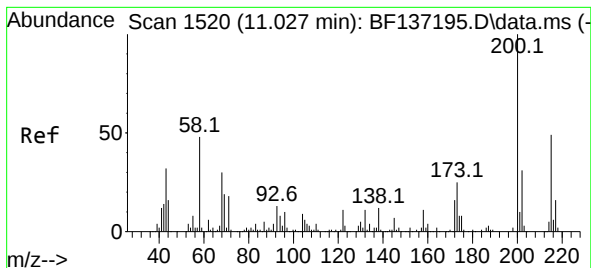
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#68
Hexachlorobenzene
Concen: 49.214 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:284 Resp: 153908
Ion Ratio Lower Upper
284 100
142 31.3 28.7 43.1
249 32.8 27.0 40.4





#69

Atrazine

Concen: 52.361 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

Tgt Ion:200 Resp: 13382

Ion Ratio Lower Upper

200 100

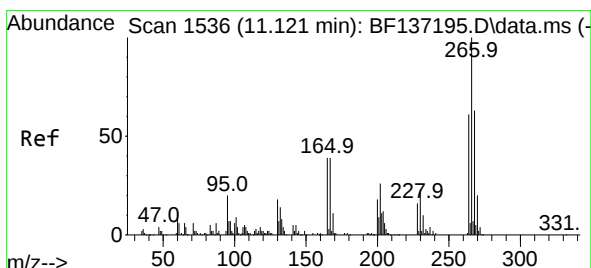
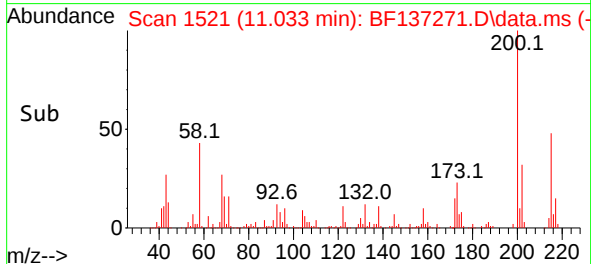
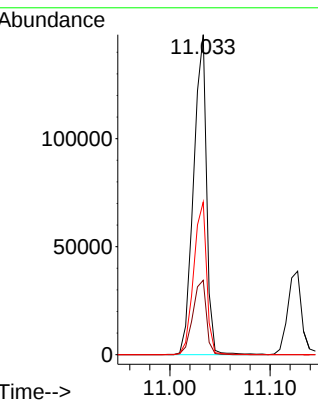
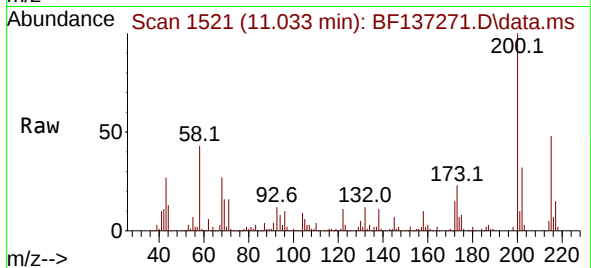
173 23.3 5.3 45.3

215 47.7 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#70

Pentachlorophenol

Concen: 112.127 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

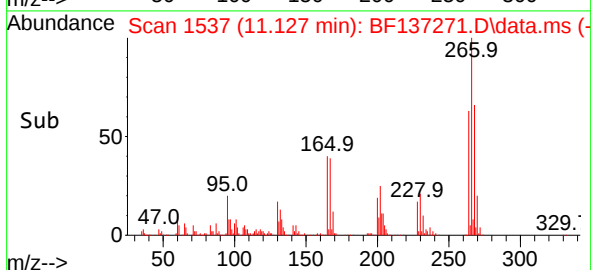
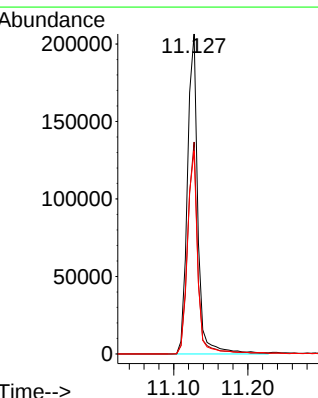
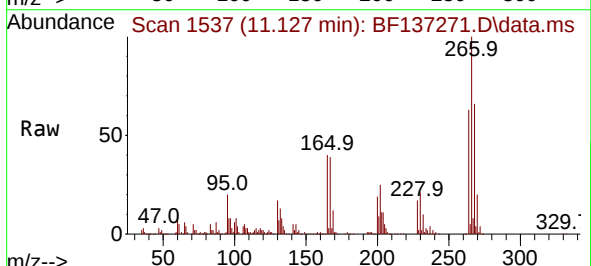
Tgt Ion:266 Resp: 201012

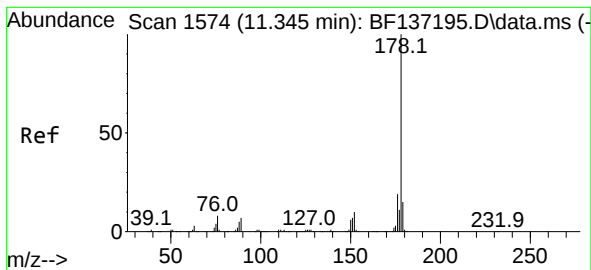
Ion Ratio Lower Upper

266 100

268 66.2 50.6 76.0

264 63.5 48.8 73.2





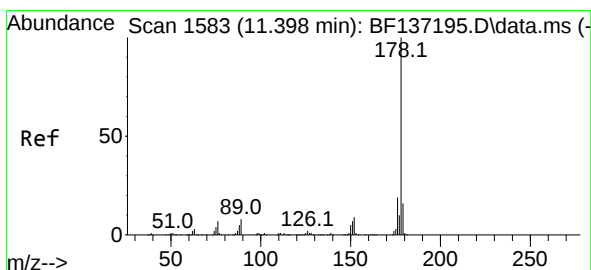
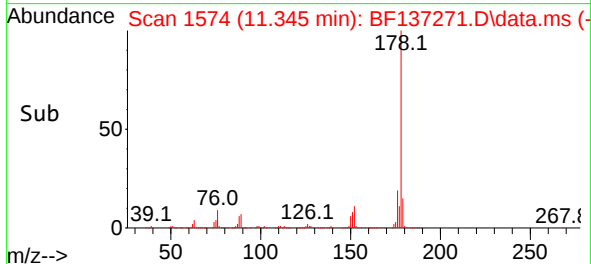
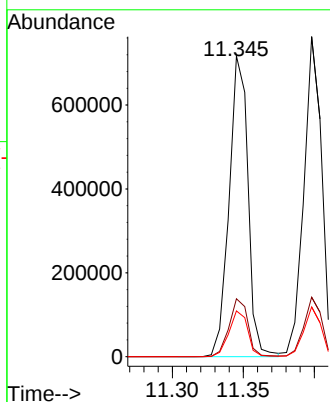
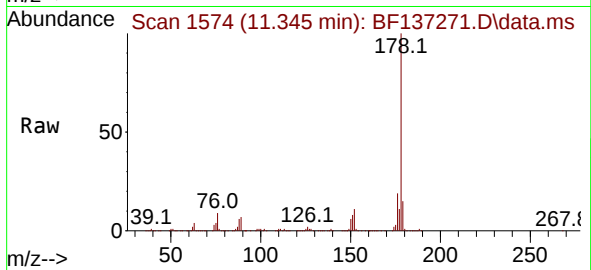
#71
Phenanthrene
Concen: 49.833 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:178 Resp: 664270
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 12.1 18.1

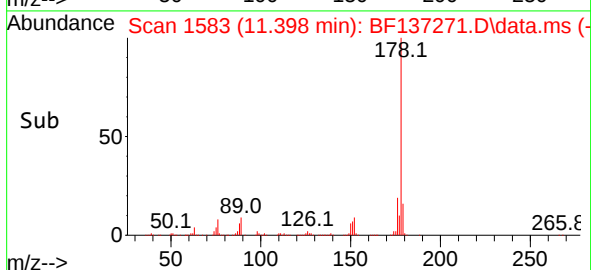
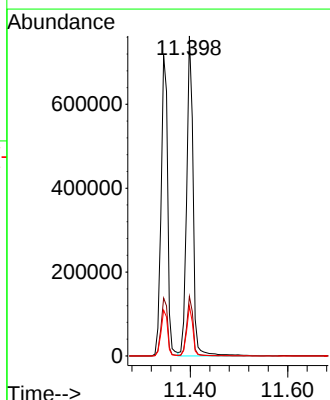
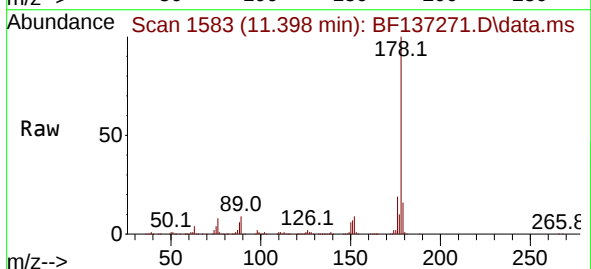
Manual Integrations
APPROVED

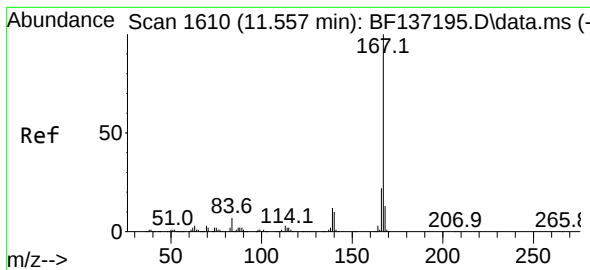
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#72
Anthracene
Concen: 49.876 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

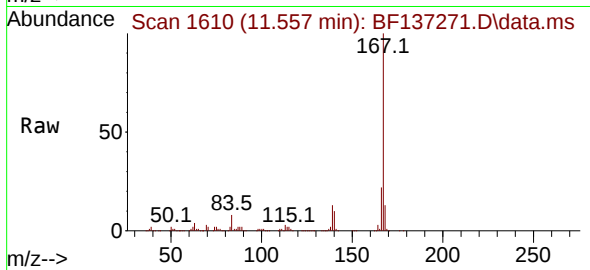
Tgt Ion:178 Resp: 692964
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 50.882 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137271.D
 Acq: 05 Feb 2024 11:35

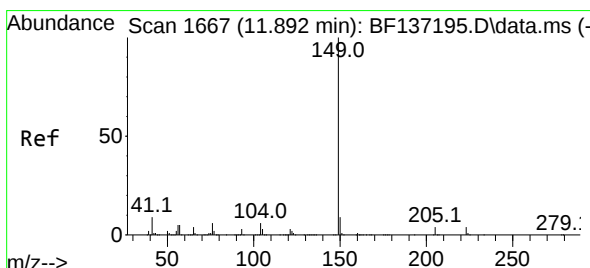
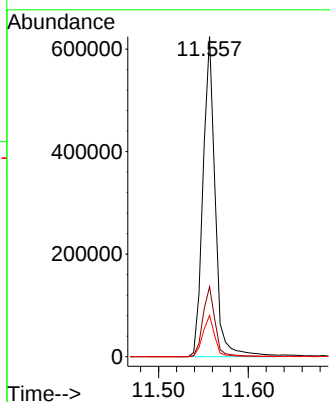
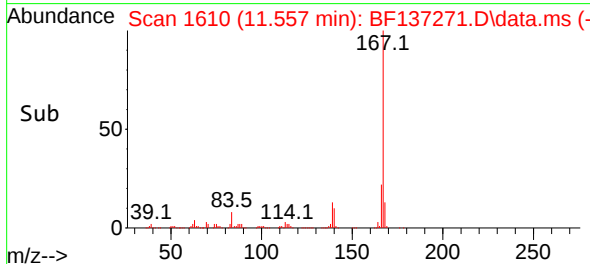
Instrument :
 BNA_F
 ClientSampleId :
 PB158784BS



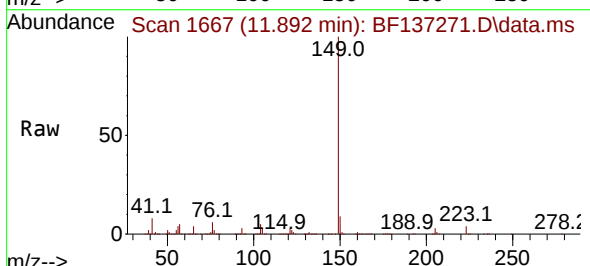
Tgt Ion:167 Resp: 590812
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.9 9.7 14.5

Manual Integrations
 APPROVED

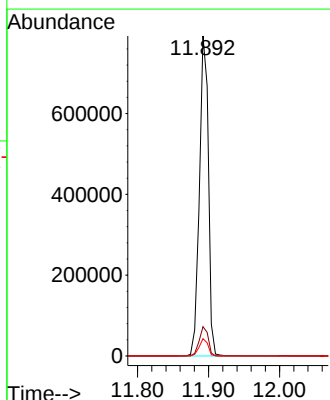
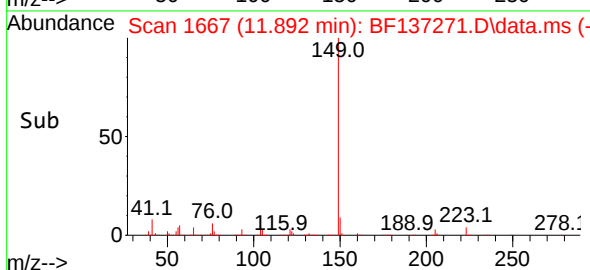
Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024

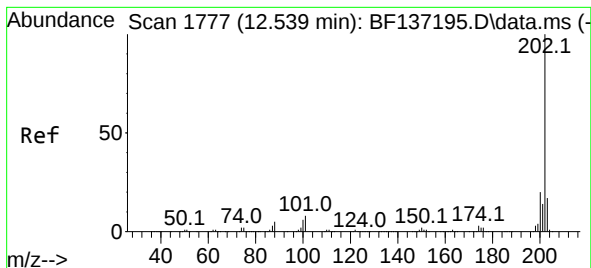


#74
 Di-n-butylphthalate
 Concen: 55.545 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF137271.D
 Acq: 05 Feb 2024 11:35



Tgt Ion:149 Resp: 697173
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 51.499 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

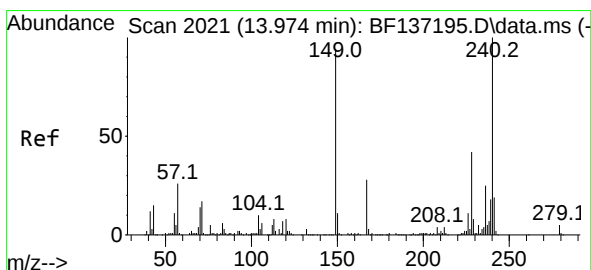
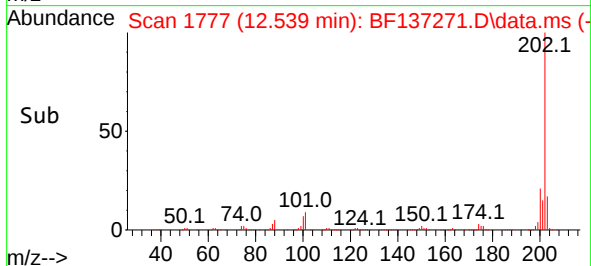
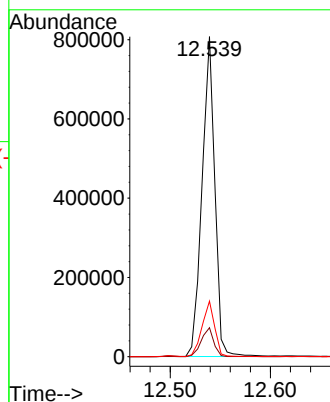
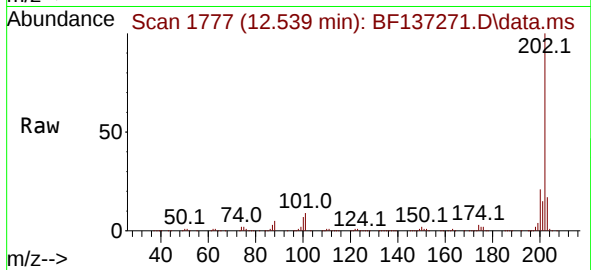
PB158784BS

Tgt Ion:	202	Resp:	71834
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	28.4
203	17.3	0.0	37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#76

Chrysene-d12

Concen: 20.000 ng

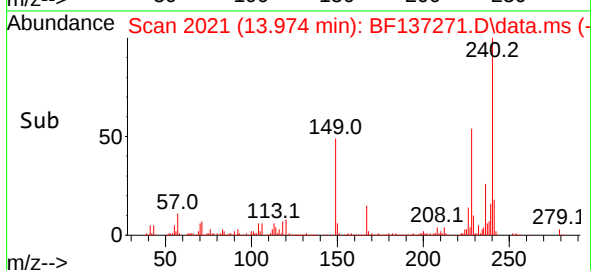
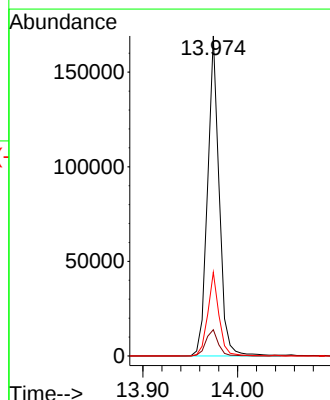
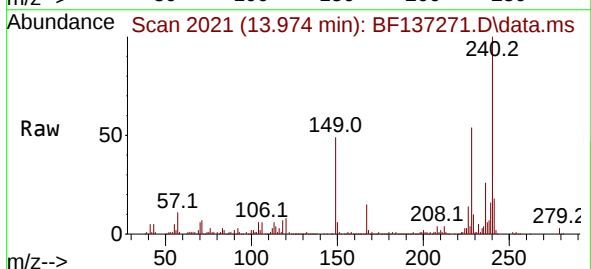
RT: 13.974 min Scan# 2021

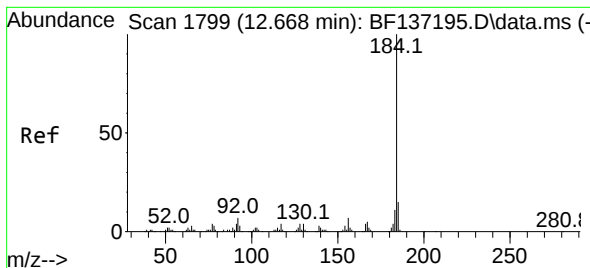
Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Tgt Ion:	240	Resp:	143813
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.3	9.5
236	26.2	20.3	30.5





#77

Benzidine

Concen: 59.670 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

Tgt Ion:184 Resp: 153662

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

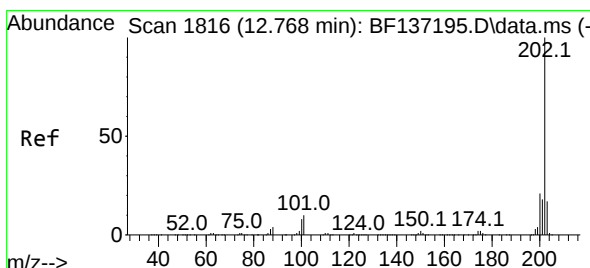
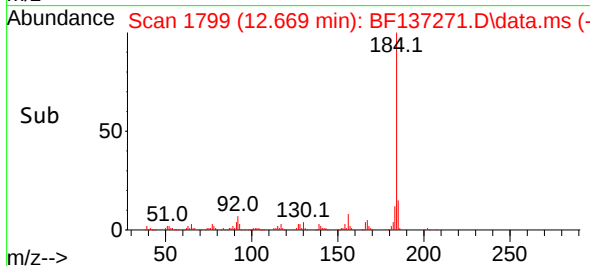
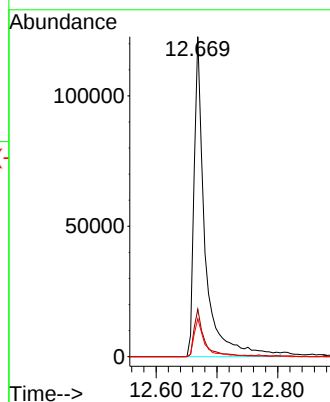
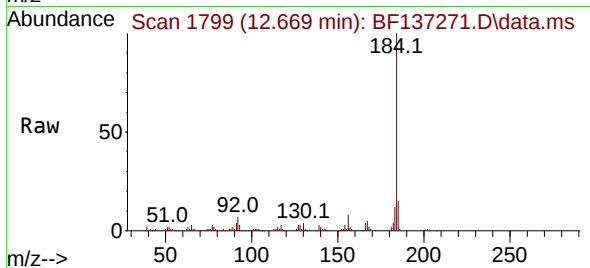
183 11.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024

Supervised By :mohammad ahmed 02/07/2024



#78

Pyrene

Concen: 52.716 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

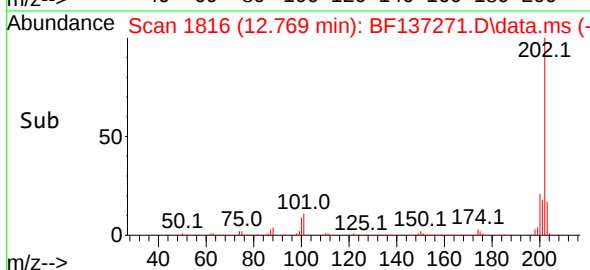
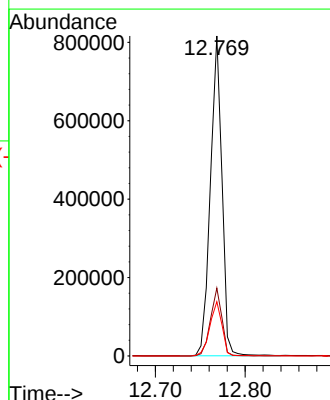
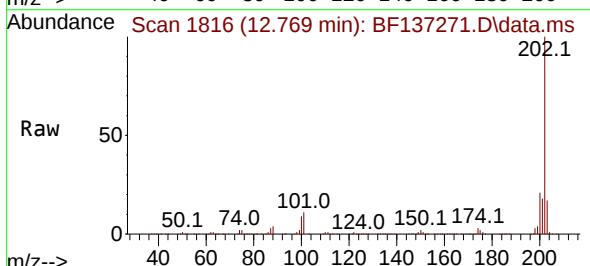
Tgt Ion:202 Resp: 728568

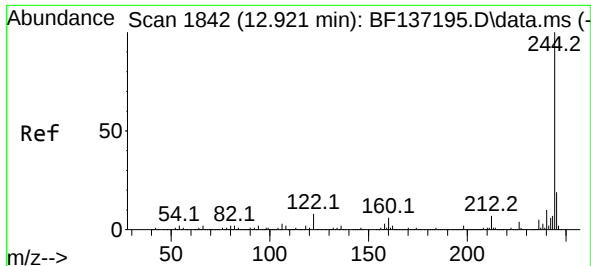
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 17.0 13.8 20.6





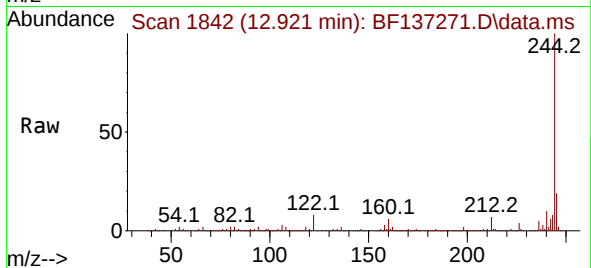
#79
 Terphenyl-d14
 Concen: 99.405 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137271.D
 Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

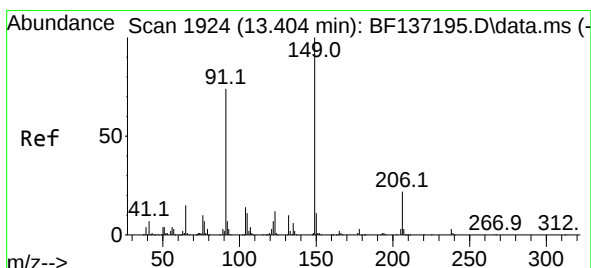
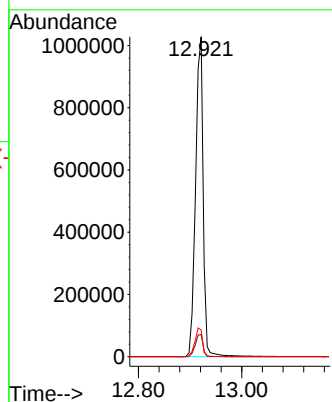
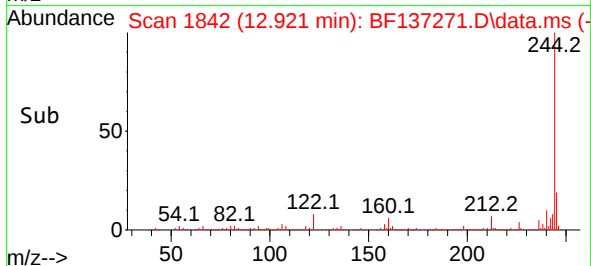


Tgt Ion:244 Resp: 105159
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.3 6.2 9.4

Manual Integrations

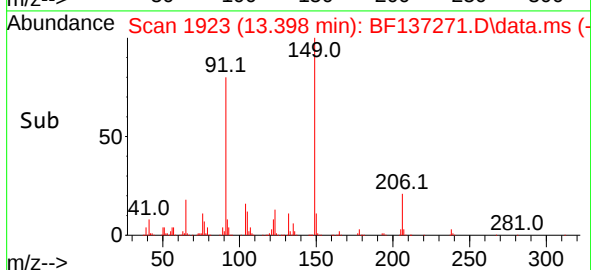
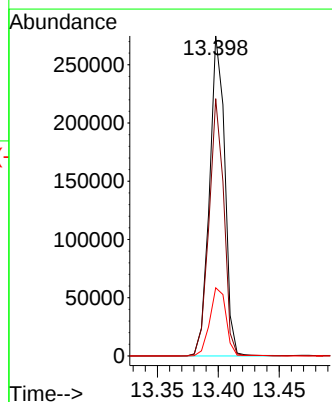
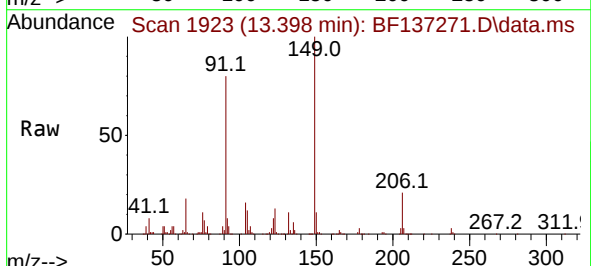
APPROVED

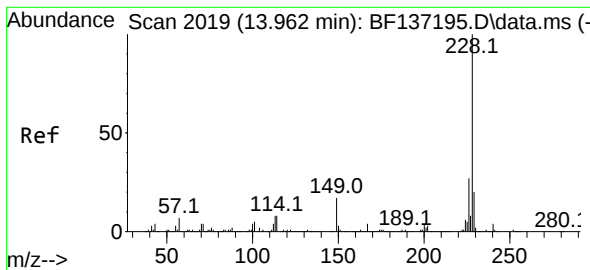
Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024



#80
 Butylbenzylphthalate
 Concen: 67.681 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137271.D
 Acq: 05 Feb 2024 11:35

Tgt Ion:149 Resp: 239283
 Ion Ratio Lower Upper
 149 100
 91 80.4 58.8 88.2
 206 21.3 17.7 26.5





#81

Benzo(a)anthracene

Concen: 49.793 ng

RT: 13.963 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

Tgt Ion:228 Resp: 50714

Ion Ratio Lower Upper

228 100

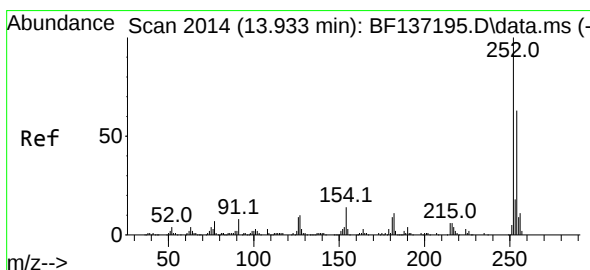
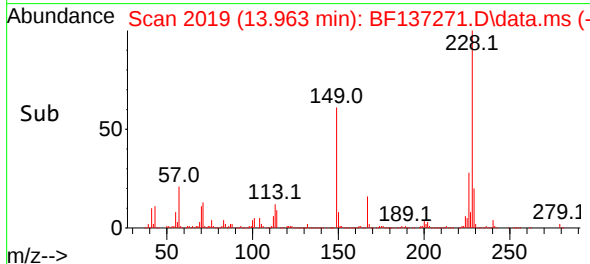
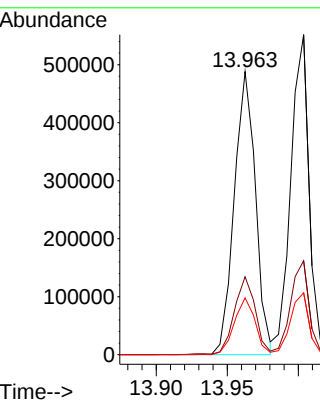
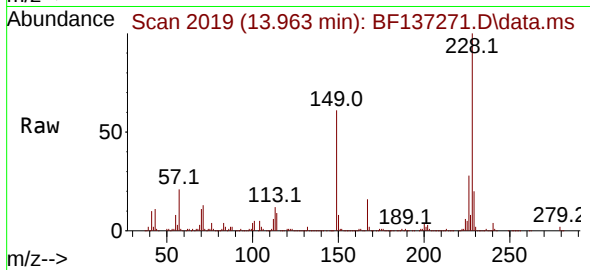
226 27.5 21.6 32.4

229 20.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#82

3,3'-Dichlorobenzidine

Concen: 33.077 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

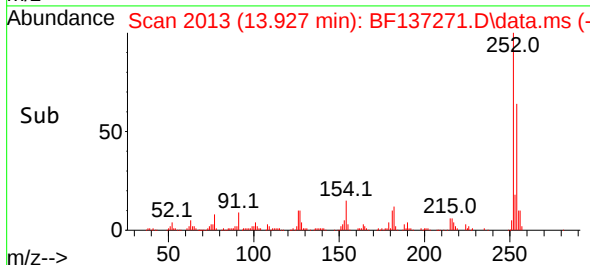
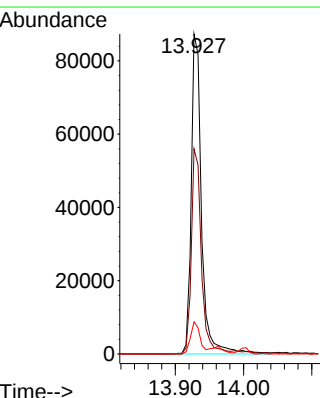
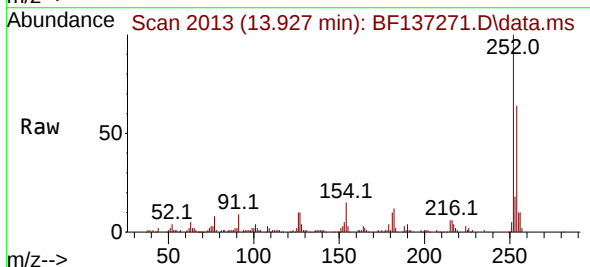
Tgt Ion:252 Resp: 91784

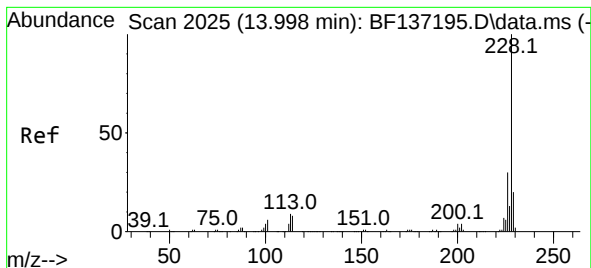
Ion Ratio Lower Upper

252 100

254 64.1 50.2 75.2

126 10.0 7.0 10.6





#83

Chrysene

Concen: 50.571 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

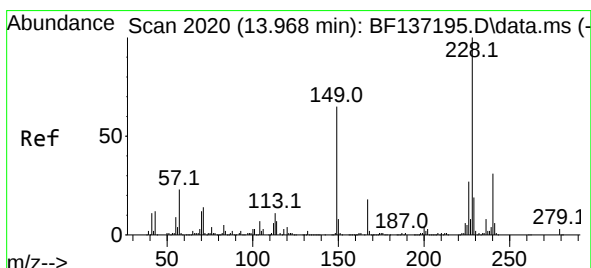
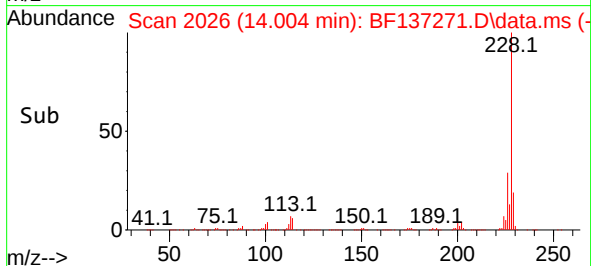
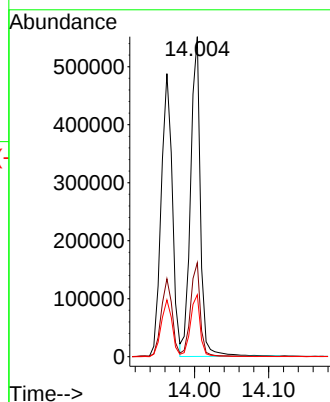
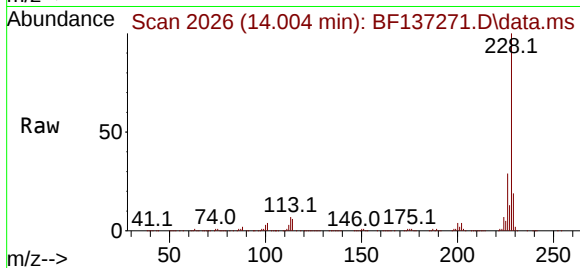
PB158784BS

Tgt Ion:228	Resp: 506379
Ion Ratio	Lower Upper
228 100	
226 29.3	23.7 35.5
229 19.3	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.271 ng

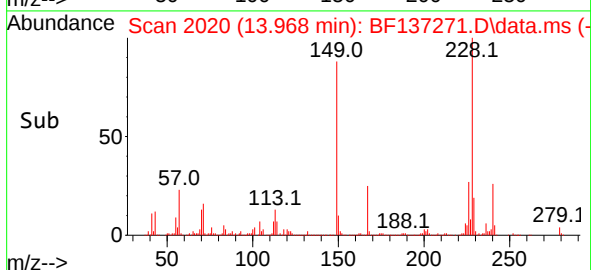
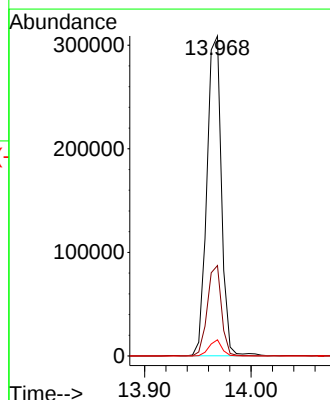
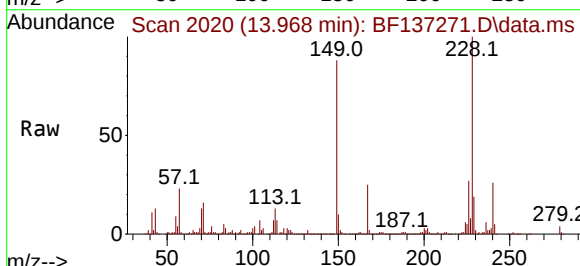
RT: 13.968 min Scan# 2020

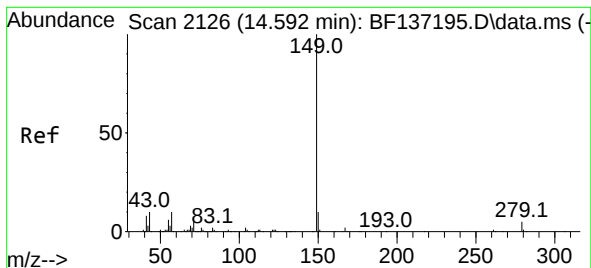
Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Tgt Ion:149	Resp: 293149
Ion Ratio	Lower Upper
149 100	
167 28.3	21.7 32.5
279 5.1	3.4 5.0





#85

Di-n-octyl phthalate

Concen: 66.052 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

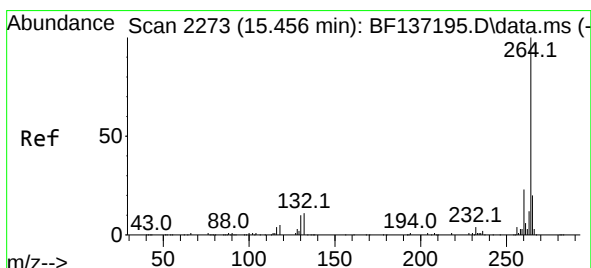
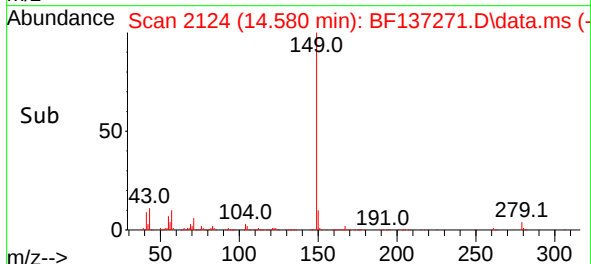
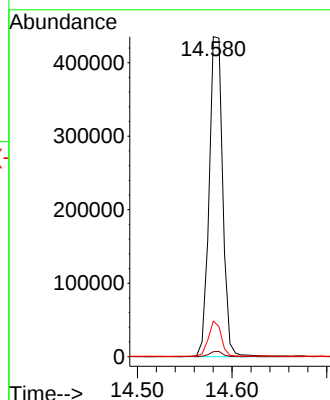
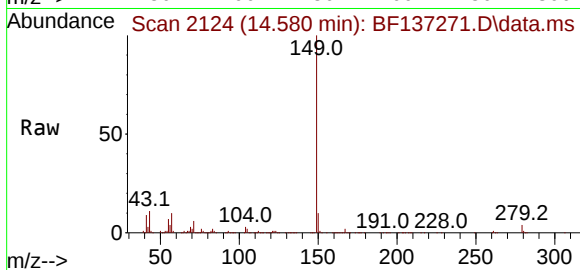
PB158784BS

Tgt Ion:149 Resp: 431984
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024



#86

Perylene-d12

Concen: 20.000 ng

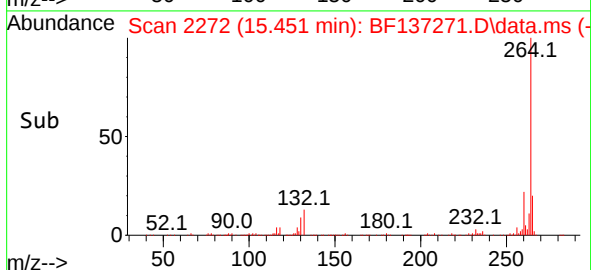
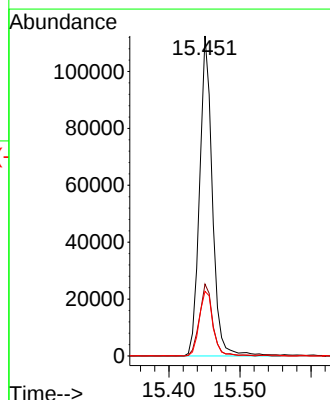
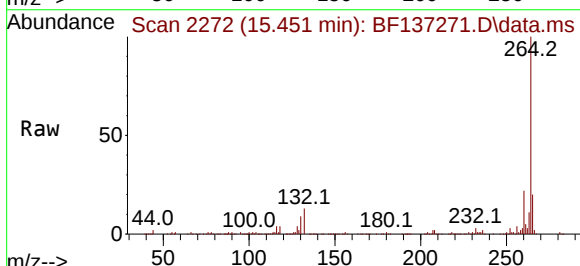
RT: 15.451 min Scan# 2272

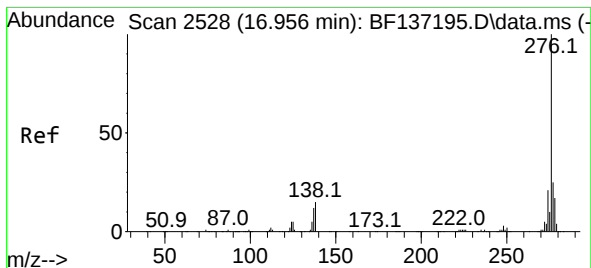
Delta R.T. -0.006 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

Tgt Ion:264 Resp: 141185
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.4
 265 20.2 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.284 ng

RT: 16.956 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137271.D

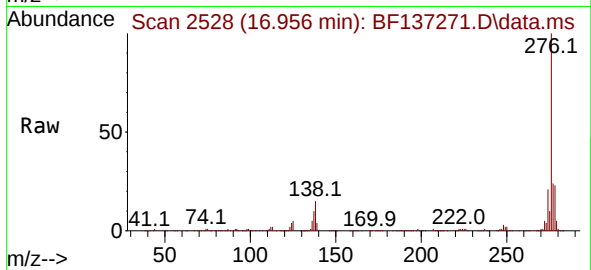
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS



Tgt Ion:276 Resp: 528524

Ion Ratio Lower Upper

276 100

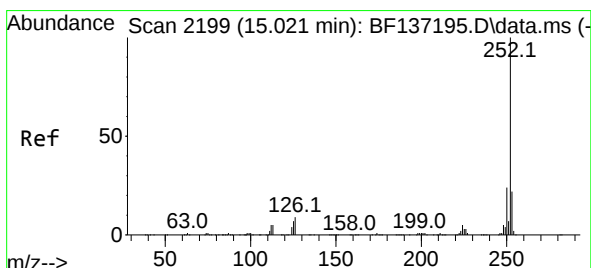
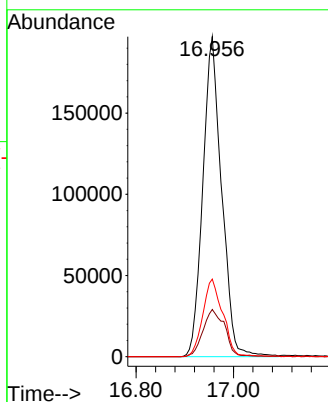
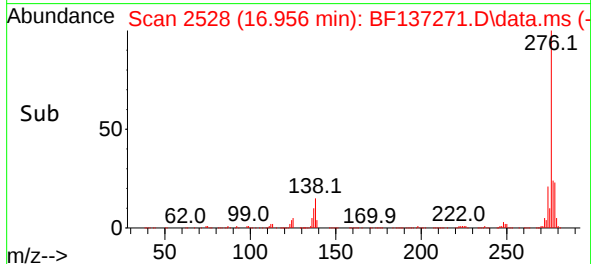
138 17.2 14.6 21.8

277 25.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#88

Benzo(b)fluoranthene

Concen: 48.749 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137271.D

Acq: 05 Feb 2024 11:35

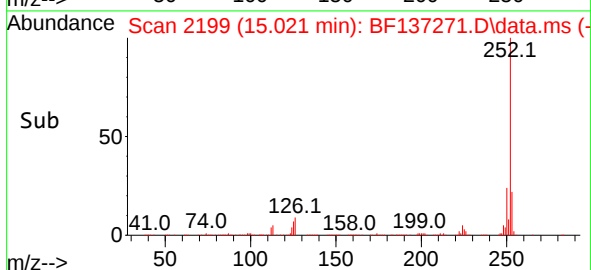
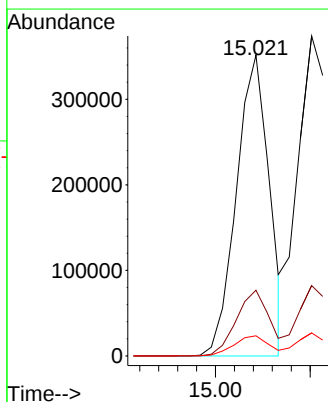
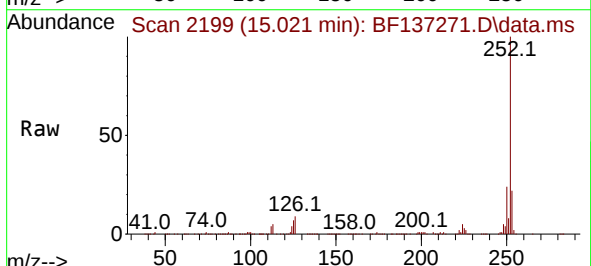
Tgt Ion:252 Resp: 423270

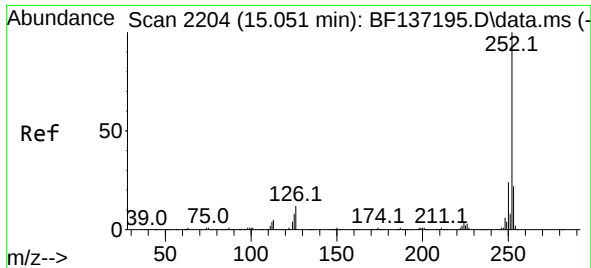
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 6.7 5.4 8.2





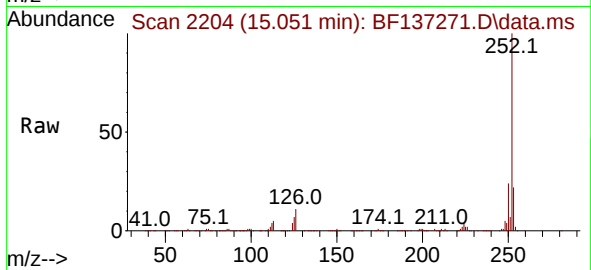
#89
Benzo(k)fluoranthene
Concen: 47.036 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB158784BS

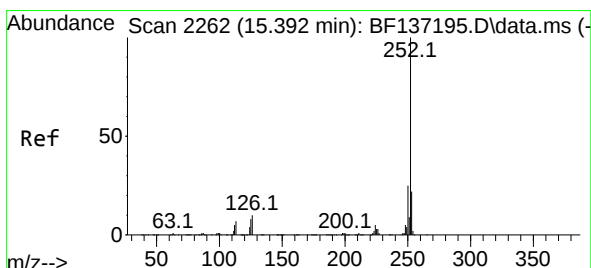
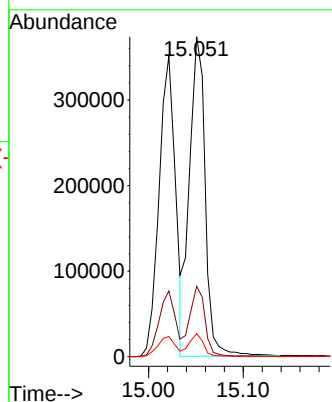
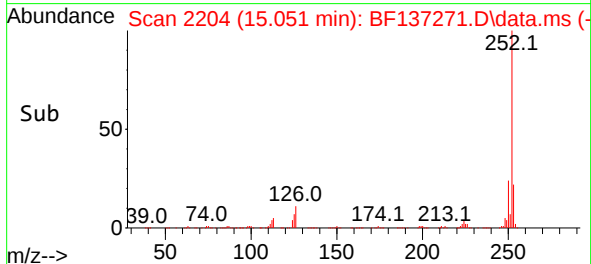


Tgt Ion:252 Resp: 43204
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 7.2 5.9 8.9

Manual Integrations

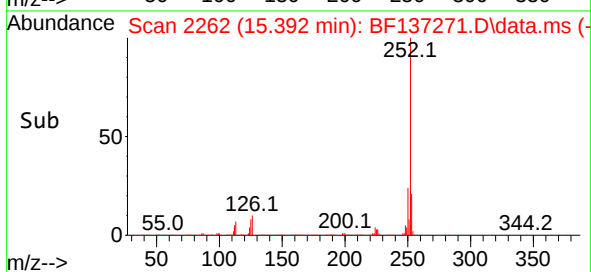
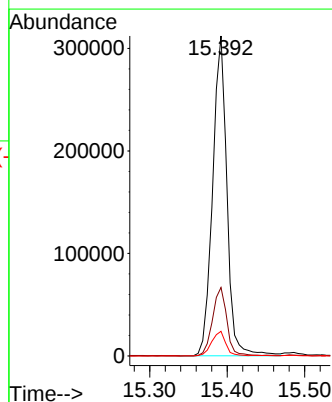
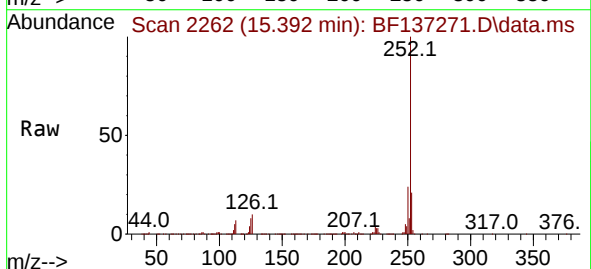
APPROVED

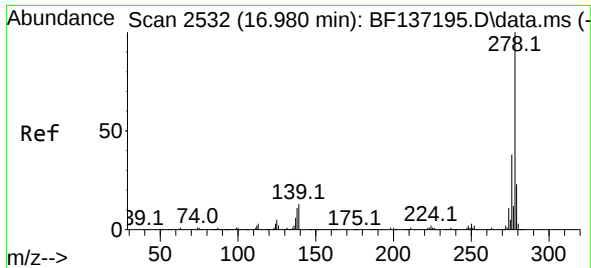
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#90
Benzo(a)pyrene
Concen: 48.984 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:252 Resp: 400249
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 7.7 6.5 9.7





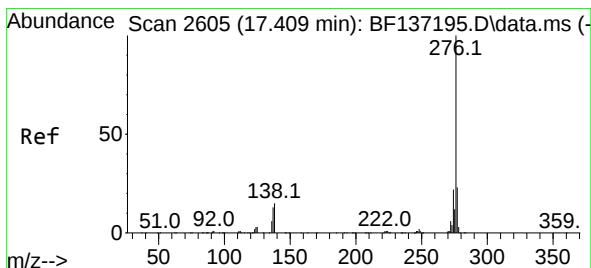
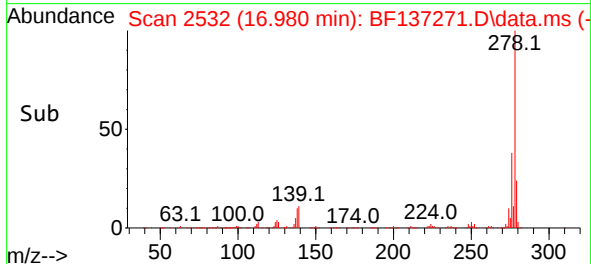
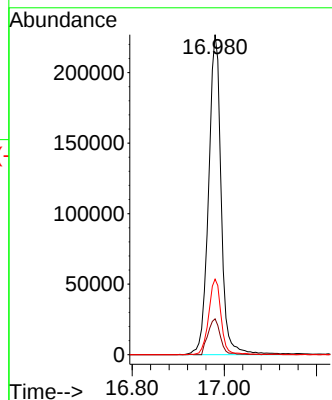
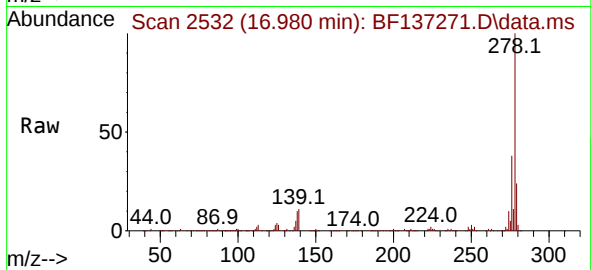
#91
Dibenzo(a,h)anthracene
Concen: 54.341 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB158784BS

Tgt Ion:278 Resp: 43189
Ion Ratio Lower Upper
278 100
139 11.2 10.0 15.0
279 23.6 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#92
Benzo(g,h,i)perylene
Concen: 53.586 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF137271.D
Acq: 05 Feb 2024 11:35

Tgt Ion:276 Resp: 418007
Ion Ratio Lower Upper
276 100
277 22.7 18.4 27.6
138 15.2 11.8 17.8

