

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137083.D
 Acq On : 16 Jan 2024 17:06
 Operator : CG\JU
 Sample : IDOC-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 16 17:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	69036	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	266040	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	134138	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	237462	20.000	ng	0.00
76) Chrysene-d12	13.974	240	126381	20.000	ng	0.00
86) Perylene-d12	15.462	264	126153	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	502112	113.483	ng	0.01
7) Phenol-d6	6.445	99	622588	108.594	ng	0.00
23) Nitrobenzene-d5	7.351	82	381423	73.364	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	169497	107.292	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	771798	77.387	ng	0.00
79) Terphenyl-d14	12.910	244	706662	78.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	60719	32.936	ng	97
3) Pyridine	3.398	79	132380	29.431	ng	92
4) n-Nitrosodimethylamine	3.363	42	82764	34.456	ng	98
6) Aniline	6.451	93	167147	29.160	ng	# 34
8) 2-Chlorophenol	6.581	128	193075	39.875	ng	92
9) Benzaldehyde	6.345	77	49314	15.122	ng	98
10) Phenol	6.457	94	234426	38.304	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	178731	38.401	ng	94
12) 1,3-Dichlorobenzene	6.728	146	193037	36.546	ng	95
13) 1,4-Dichlorobenzene	6.804	146	196007	36.317	ng	99
14) 1,2-Dichlorobenzene	6.951	146	186337	37.104	ng	99
15) Benzyl Alcohol	6.939	79	151698	39.220	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	283978	37.319	ng	80
17) 2-Methylphenol	7.051	107	153072	38.161	ng	94
18) Hexachloroethane	7.286	117	70610	36.024	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	131049	37.707	ng	96
20) 3+4-Methylphenols	7.204	107	197133	39.338	ng	# 75
22) Acetophenone	7.198	105	268977	40.337	ng	# 89
24) Nitrobenzene	7.369	77	192497	36.961	ng	99
25) Isophorone	7.610	82	358310	37.876	ng	97
26) 2-Nitrophenol	7.686	139	101338	40.669	ng	95
27) 2,4-Dimethylphenol	7.728	122	165925	54.696	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	222749	38.736	ng	100
29) 2,4-Dichlorophenol	7.933	162	152748	39.111	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	165296	37.987	ng	99
31) Naphthalene	8.086	128	547177	37.438	ng	99
32) Benzoic acid	7.880	122	109364	37.259	ng	98
33) 4-Chloroaniline	8.139	127	115309	21.368	ng	96
34) Hexachlorobutadiene	8.192	225	95784	36.230	ng	100
35) Caprolactam	8.522	113	48383m	37.553	ng	
36) 4-Chloro-3-methylphenol	8.639	107	163467	37.179	ng	99
37) 2-Methylnaphthalene	8.775	142	353774	37.611	ng	99
38) 1-Methylnaphthalene	8.875	142	330336	35.796	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	170782	41.111	ng	99
41) Hexachlorocyclopentadiene	8.922	237	82566	63.417	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	106144	39.841	ng	99

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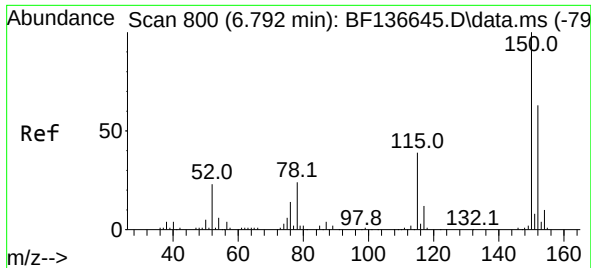
Quant Time: Jan 16 17:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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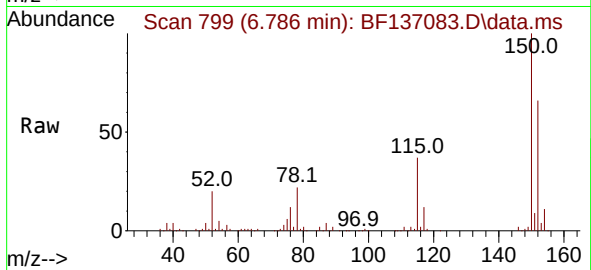
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	111744	37.639	ng	98
46) 1,1'-Biphenyl	9.245	154	452506	40.200	ng	98
47) 2-Chloronaphthalene	9.269	162	331076	38.690	ng	98
48) 2-Nitroaniline	9.374	65	100795	37.615	ng	93
49) Acenaphthylene	9.686	152	516147	39.462	ng	100
50) Dimethylphthalate	9.545	163	380886	38.875	ng	98
51) 2,6-Dinitrotoluene	9.616	165	81025	36.438	ng	# 85
52) Acenaphthene	9.857	154	313804	38.704	ng	99
53) 3-Nitroaniline	9.786	138	66415	28.196	ng	94
54) 2,4-Dinitrophenol	9.910	184	74622	61.459	ng	98
55) Dibenzofuran	10.027	168	474314	38.593	ng	99
56) 4-Nitrophenol	9.974	139	78089	49.109	ng	97
57) 2,4-Dinitrotoluene	10.027	165	102318	35.445	ng	# 89
58) Fluorene	10.374	166	380300	38.998	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	87932	38.477	ng	98
60) Diethylphthalate	10.251	149	381071	37.486	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	183299	38.670	ng	99
62) 4-Nitroaniline	10.410	138	71793	31.616	ng	91
63) Azobenzene	10.527	77	351217	36.990	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	54369	39.951	ng	81
66) n-Nitrosodiphenylamine	10.486	169	333980	43.296	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	112112	42.512	ng	93
68) Hexachlorobenzene	10.927	284	121575	41.367	ng	# 92
69) Atrazine	11.027	200	135146	68.499	ng	97
70) Pentachlorophenol	11.127	266	90769	66.261	ng	97
71) Phenanthrene	11.345	178	508554	41.738	ng	100
72) Anthracene	11.392	178	513358	41.603	ng	99
73) Carbazole	11.557	167	448657	38.565	ng	99
74) Di-n-butylphthalate	11.880	149	566590	39.912	ng	99
75) Fluoranthene	12.539	202	490946	37.669	ng	98
77) Benzidine	12.663	184	65317	17.528	ng	99
78) Pyrene	12.768	202	480604	38.738	ng	99
80) Butylbenzylphthalate	13.386	149	181940	40.303	ng	98
81) Benzo(a)anthracene	13.962	228	369405	42.094	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	104233	41.823	ng	99
83) Chrysene	14.004	228	336917	39.260	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	261601	46.058	ng	98
85) Di-n-octyl phthalate	14.562	149	416267	47.379	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	442482	48.579	ng	100
88) Benzo(b)fluoranthene	15.027	252	369790	43.887	ng	99
89) Benzo(k)fluoranthene	15.056	252	314794	39.539	ng	98
90) Benzo(a)pyrene	15.404	252	304538	42.818	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	377070	50.461	ng	98
92) Benzo(g,h,i)perylene	17.462	276	377696	49.350	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137083.D
 Acq: 16 Jan 2024 17:06

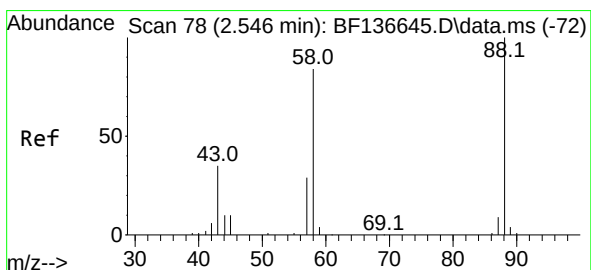
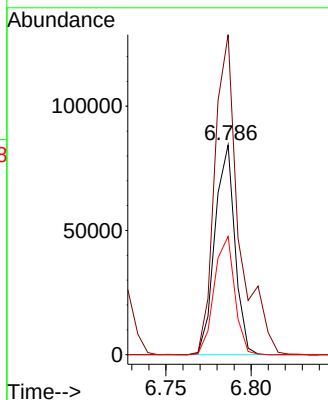
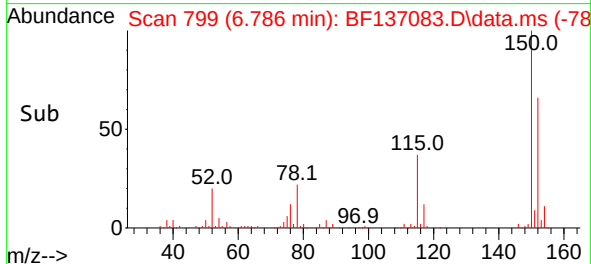
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04



Tgt Ion:152 Resp: 69030
 Ion Ratio Lower Upper
 152 100
 150 152.5 127.0 190.6
 115 56.4 49.0 73.4

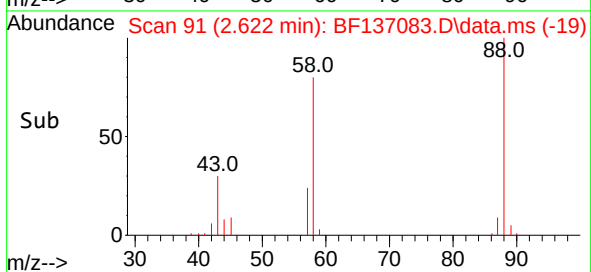
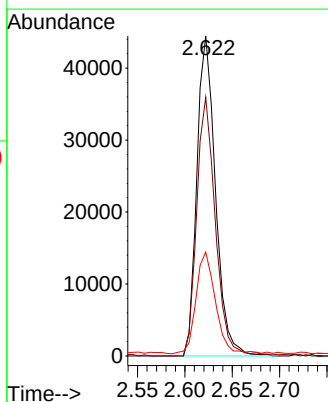
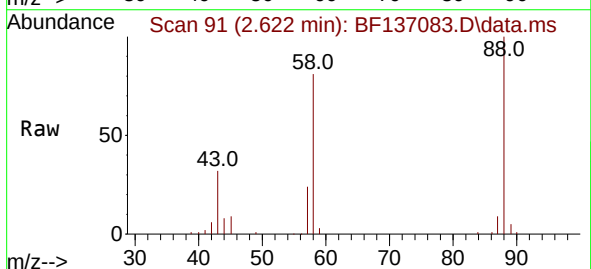
Manual Integrations
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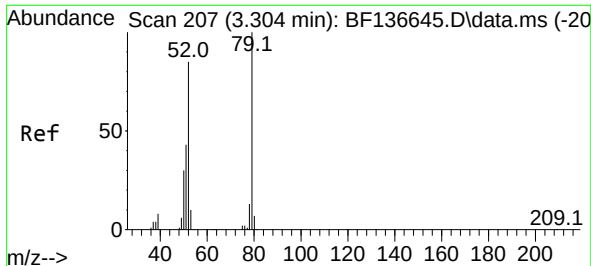
Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024



#2
 1,4-Dioxane
 Concen: 32.936 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.076 min
 Lab File: BF137083.D
 Acq: 16 Jan 2024 17:06

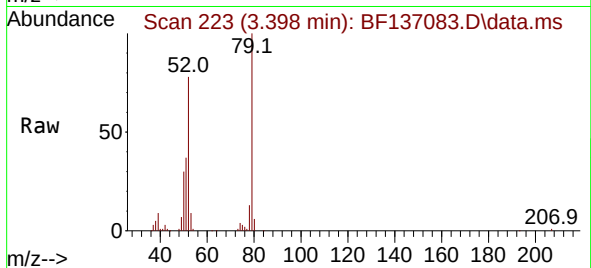
Tgt Ion: 88 Resp: 60719
 Ion Ratio Lower Upper
 88 100
 58 81.9 67.4 101.0
 43 33.0 27.7 41.5





#3
Pyridine
Concen: 29.431 ng
RT: 3.398 min Scan# 217
Delta R.T. 0.094 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

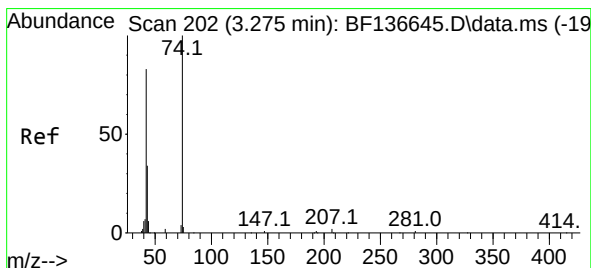
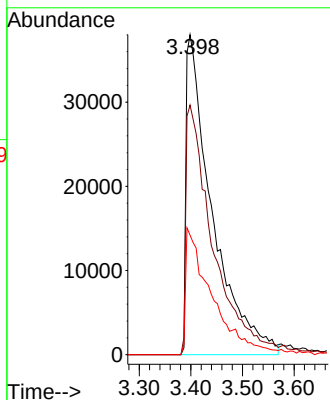
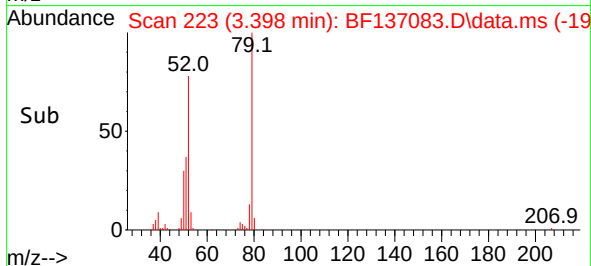
Instrument :
BNA_F
ClientSampleId :
IDOC-04



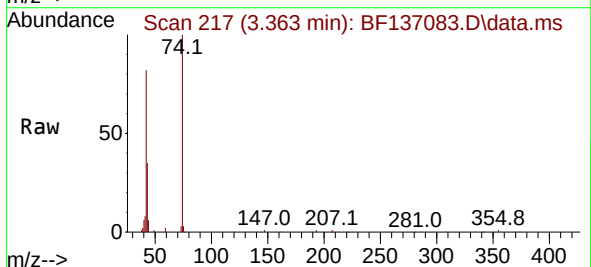
Tgt Ion: 79 Resp: 132380
Ion Ratio Lower Upper
79 100
52 78.0 67.7 101.5
51 37.4 34.0 51.0

Manual Integrations
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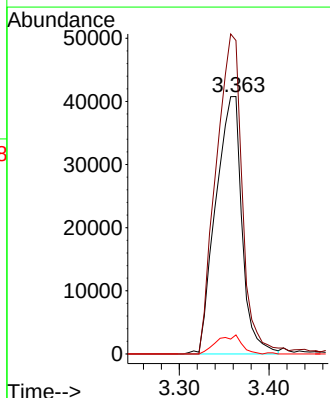
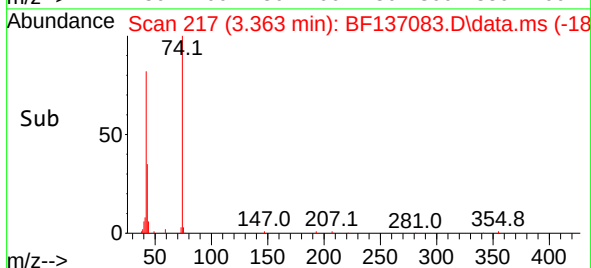
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

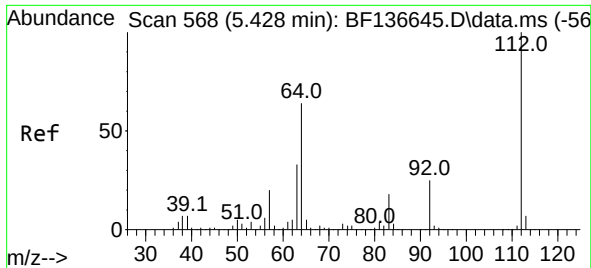


#4
n-Nitrosodimethylamine
Concen: 34.456 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



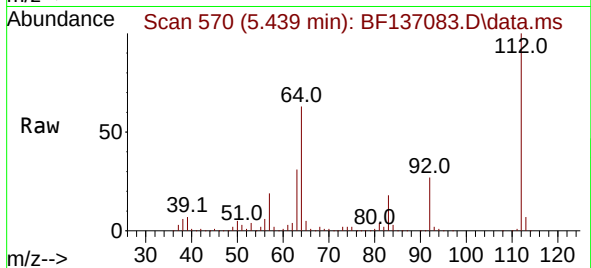
Tgt Ion: 42 Resp: 82764
Ion Ratio Lower Upper
42 100
74 121.8 96.0 144.0
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 113.483 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

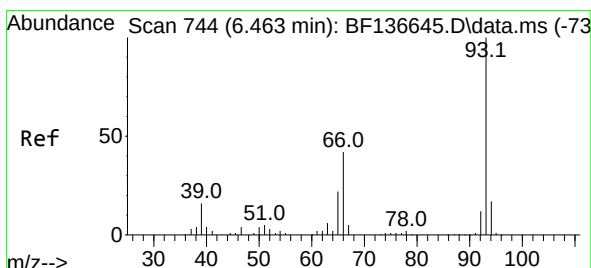
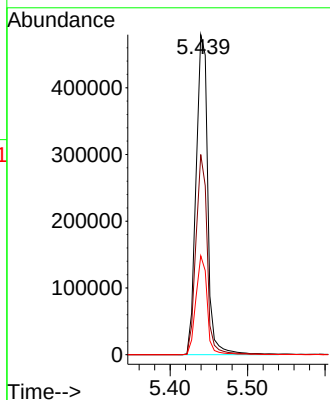
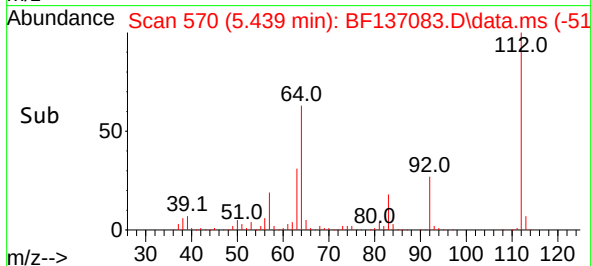
Instrument :
BNA_F
ClientSampleId :
IDOC-04



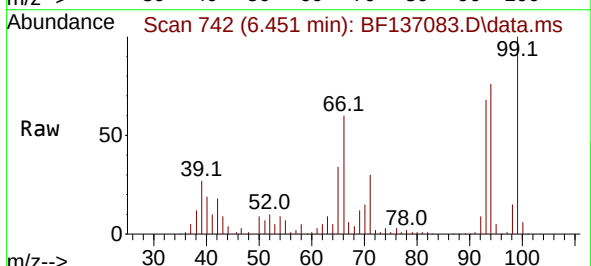
Tgt Ion:112 Resp: 50211
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 30.9 26.1 39.1

Manual Integrations
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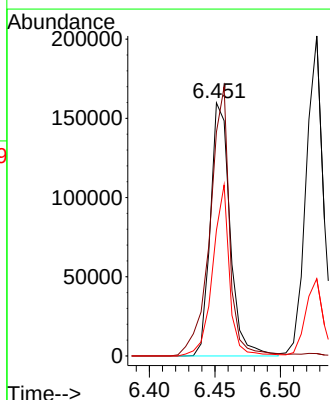
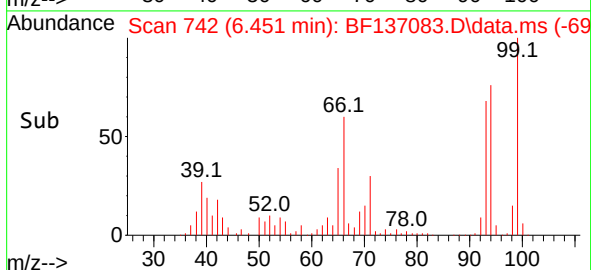
Reviewed By :Yogesh Patel 01/18/2024
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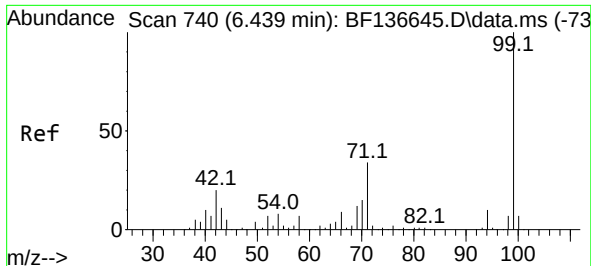


#6
Aniline
Concen: 29.160 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



Tgt Ion: 93 Resp: 167147
Ion Ratio Lower Upper
93 100
66 88.5 34.6 51.8#
65 49.7 17.8 26.8#





#7

Phenol-d6

Concen: 108.594 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

Tgt Ion: 99 Resp: 62258

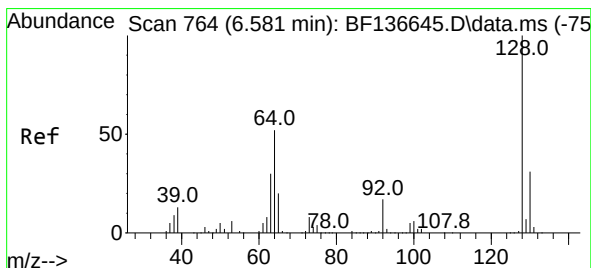
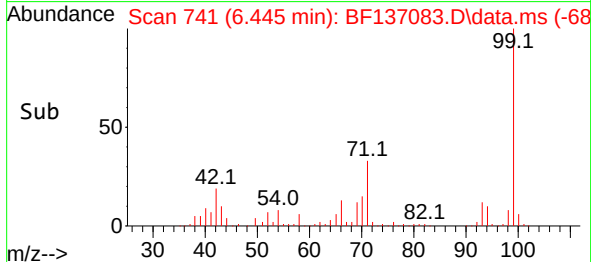
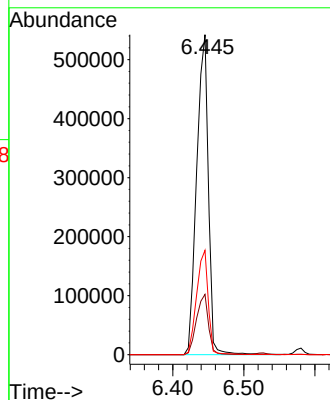
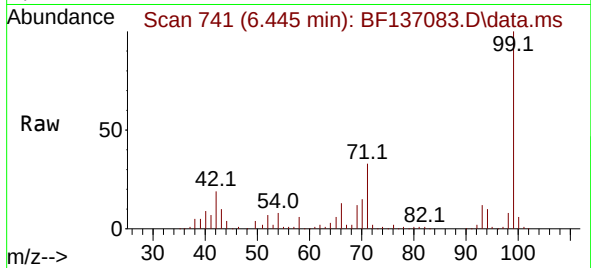
Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.1	24.1
71	32.6	27.4	41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.875 ng

RT: 6.581 min Scan# 764

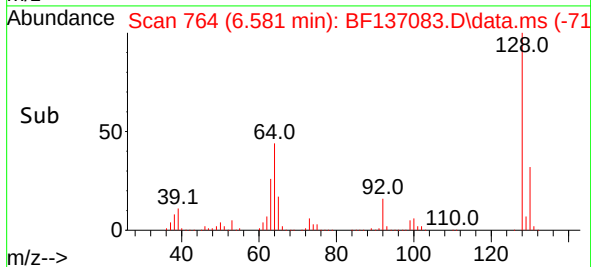
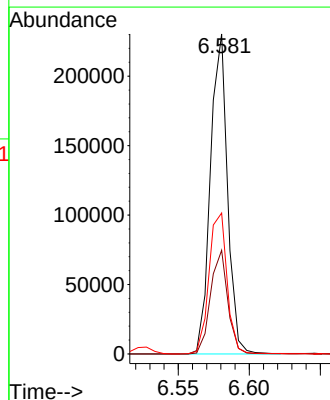
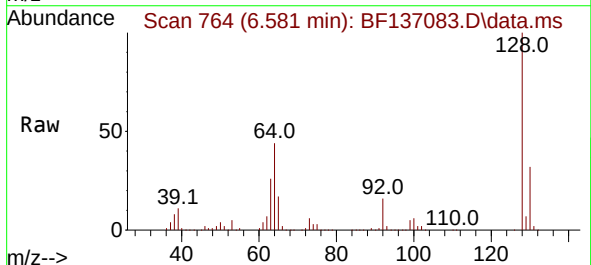
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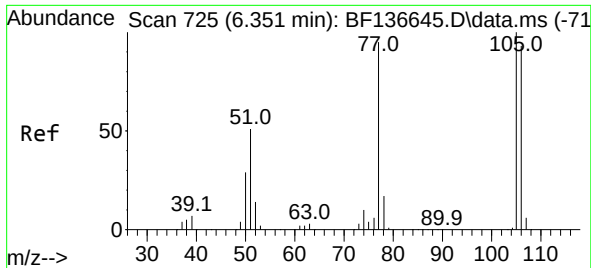
Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Tgt Ion:128 Resp: 193075

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.3	51.3
64	44.0	32.5	72.5





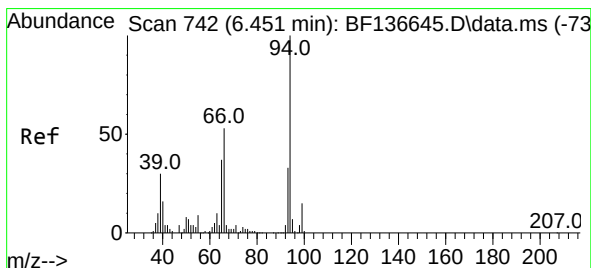
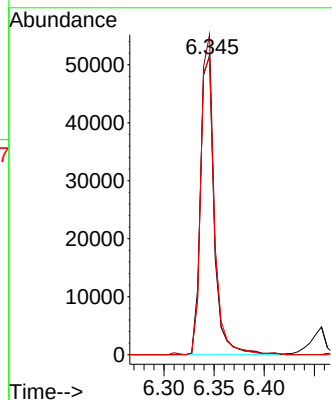
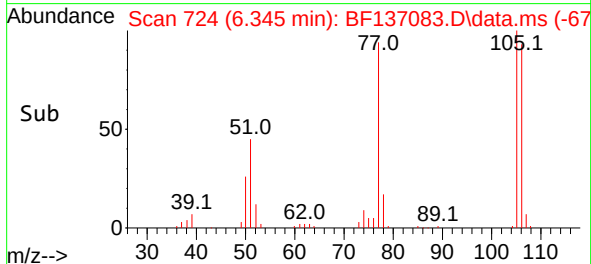
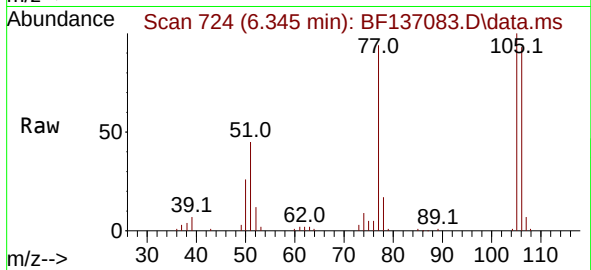
#9
Benzaldehyde
Concen: 15.122 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :
BNA_F
ClientSampleId :
IDOC-04

Tgt Ion: 77 Resp: 49314
Ion Ratio Lower Upper
77 100
105 106.9 84.8 124.8
106 99.3 77.8 117.8

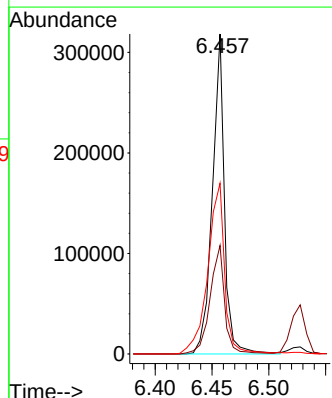
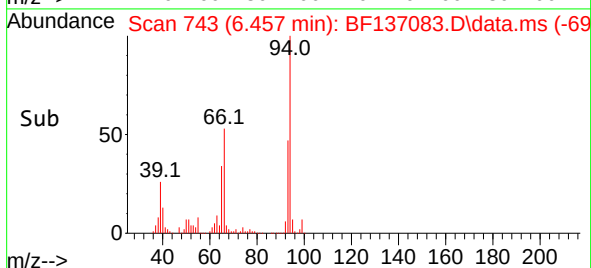
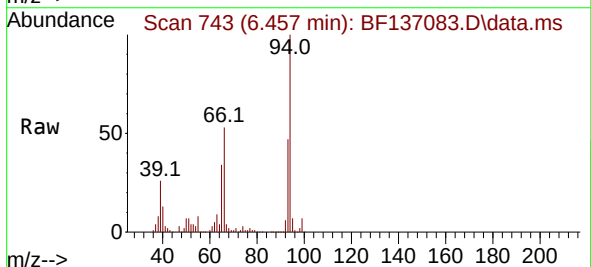
Manual Integrations
APPROVED

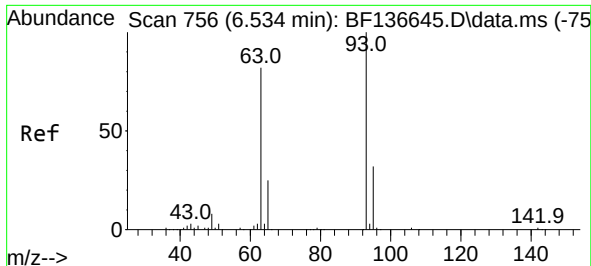
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#10
Phenol
Concen: 38.304 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

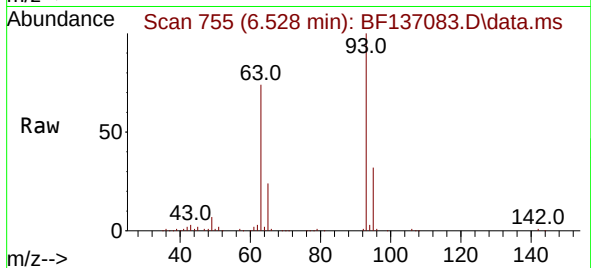
Tgt Ion: 94 Resp: 234426
Ion Ratio Lower Upper
94 100
65 33.9 16.6 56.6
66 53.4 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.401 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

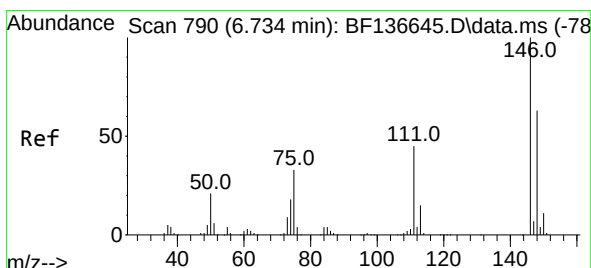
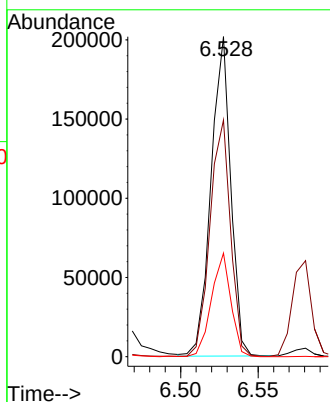
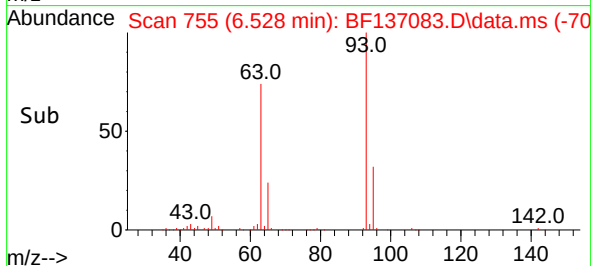
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion: 93 Resp: 17873
Ion Ratio Lower Upper
93 100
63 74.0 61.2 101.2
95 32.3 11.6 51.6

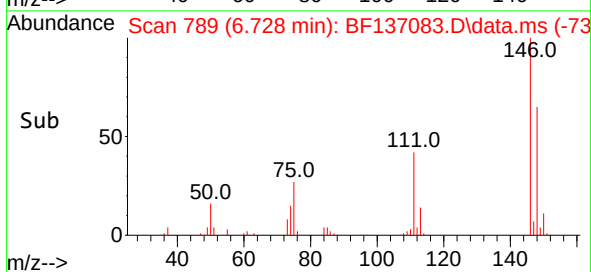
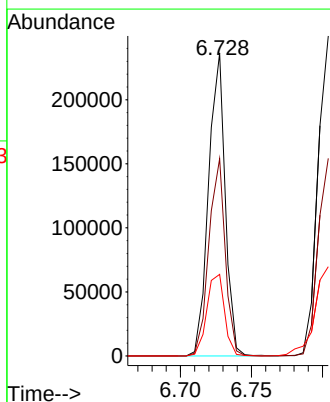
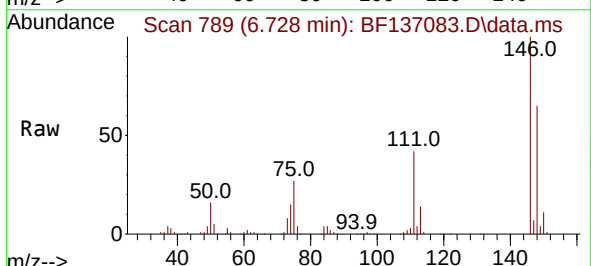
Manual Integrations
APPROVED

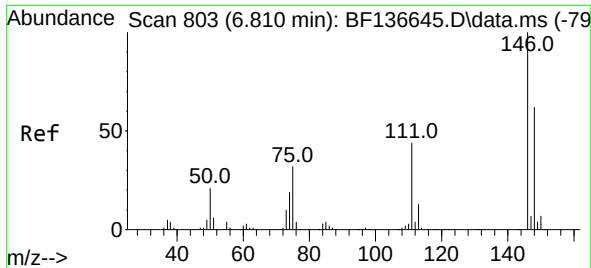
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#12
1,3-Dichlorobenzene
Concen: 36.546 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

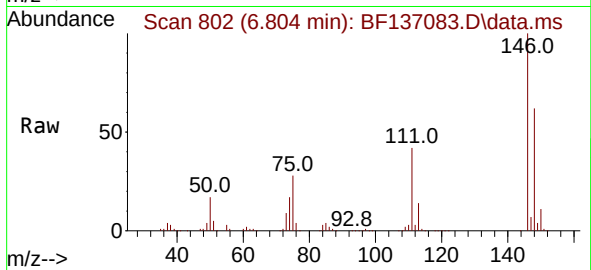
Tgt Ion:146 Resp: 193037
Ion Ratio Lower Upper
146 100
148 65.1 50.5 75.7
75 26.9 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.317 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

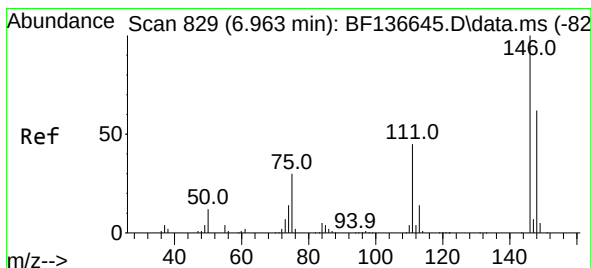
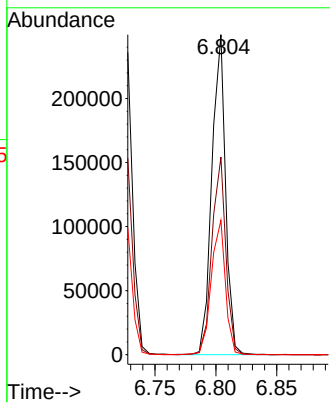
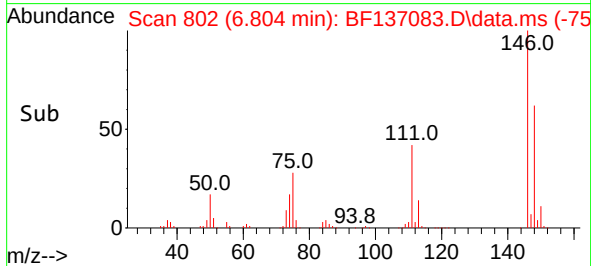
Instrument :
BNA_F
ClientSampleId :
IDOC-04



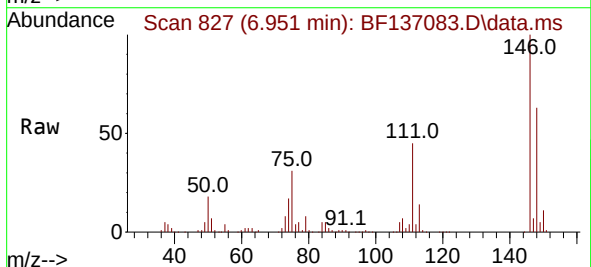
Tgt Ion:146 Resp: 196007
Ion Ratio Lower Upper
146 100
148 61.7 49.2 73.8
111 42.0 35.2 52.8

Manual Integrations
APPROVED

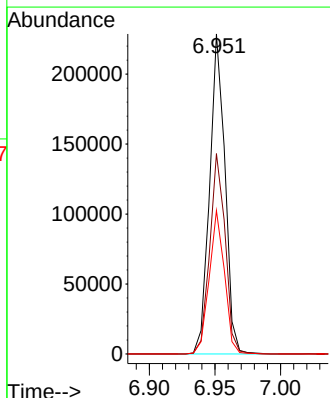
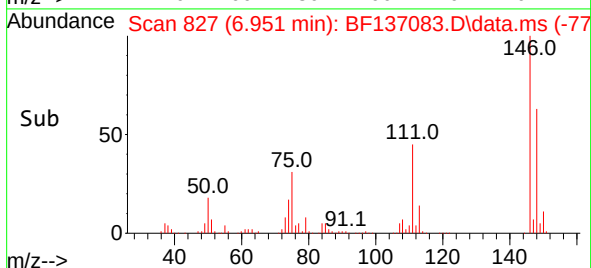
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

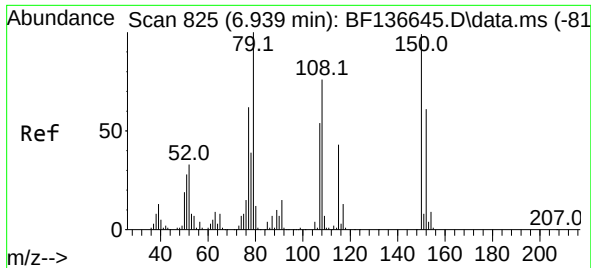


#14
1,2-Dichlorobenzene
Concen: 37.104 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



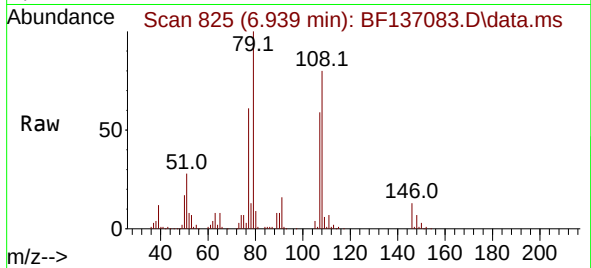
Tgt Ion:146 Resp: 186337
Ion Ratio Lower Upper
146 100
148 62.6 49.6 74.4
111 44.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 39.220 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

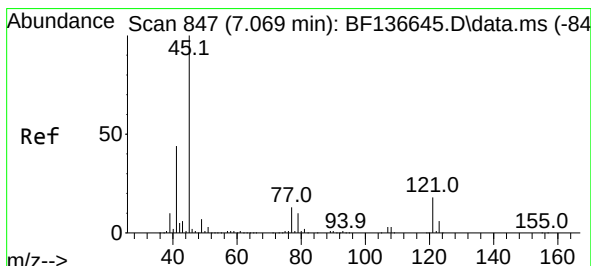
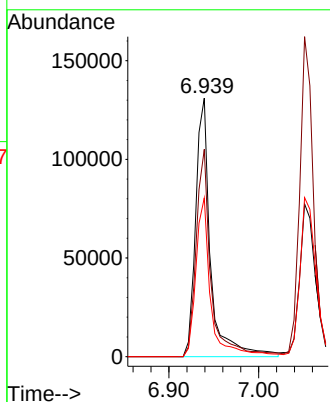
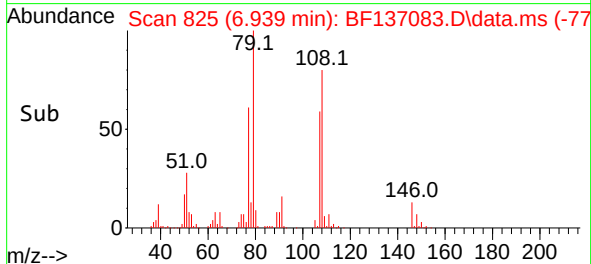
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion: 79 Resp: 151698
Ion Ratio Lower Upper
79 100
108 80.2 61.0 91.6
77 61.4 49.8 74.8

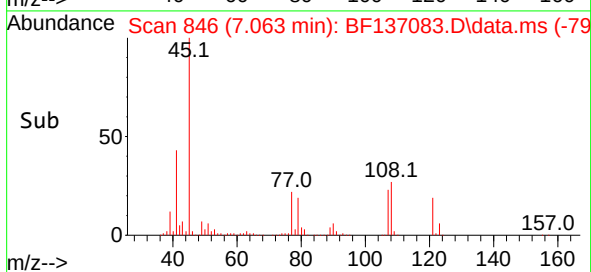
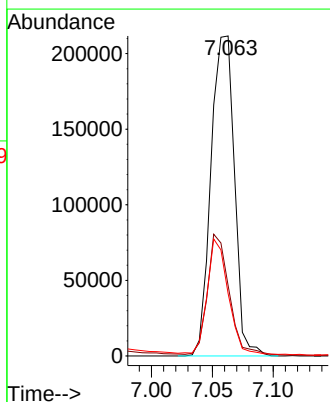
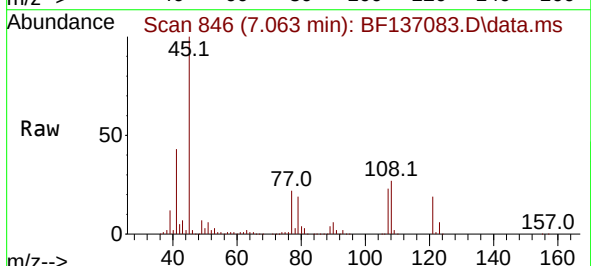
Manual Integrations
APPROVED

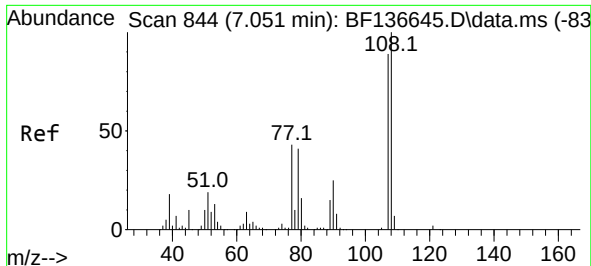
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.319 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

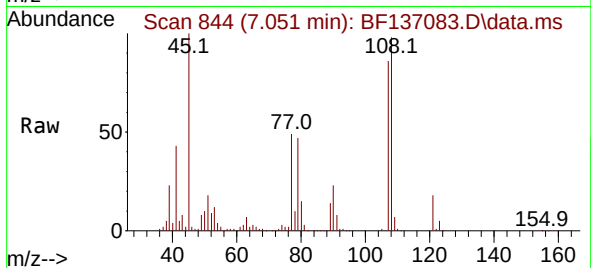
Tgt Ion: 45 Resp: 283978
Ion Ratio Lower Upper
45 100
77 22.0 0.0 34.3
79 19.5 0.0 31.4





#17
2-Methylphenol
Concen: 38.161 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

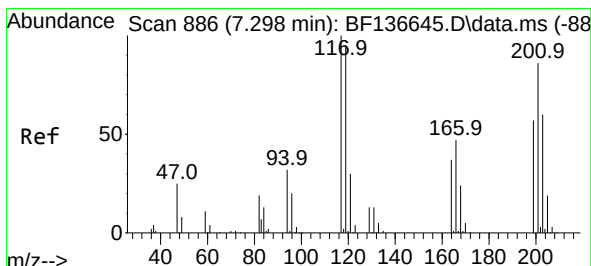
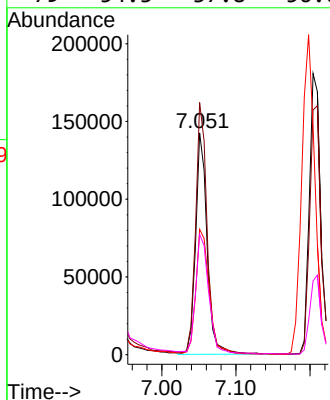
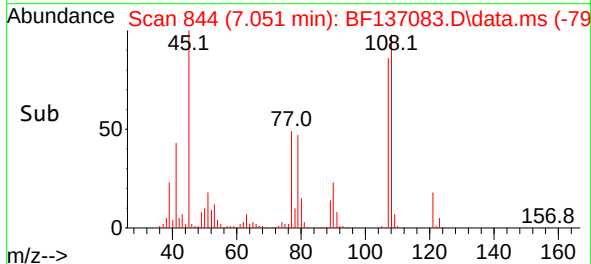
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:107 Resp: 153072
Ion Ratio Lower Upper
107 100
108 113.7 90.3 135.5
77 56.5 38.7 58.1
79 54.3 37.8 56.6

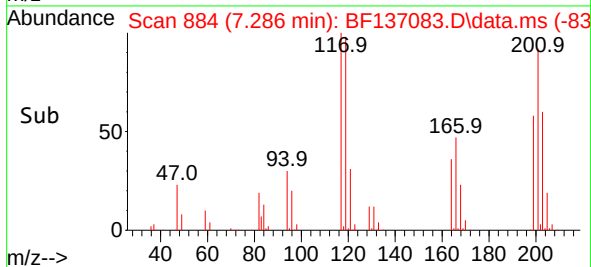
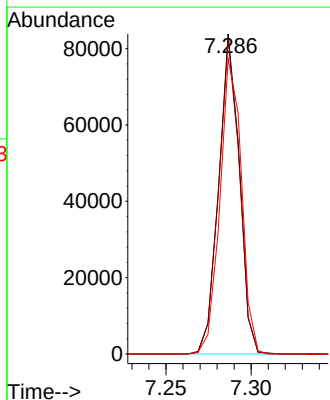
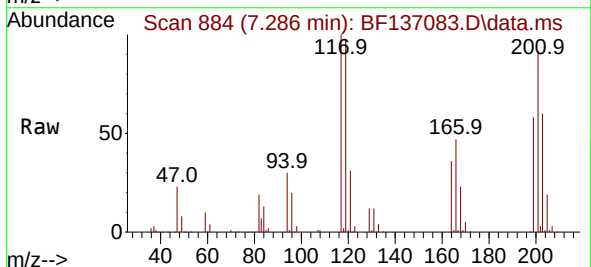
Manual Integrations
APPROVED

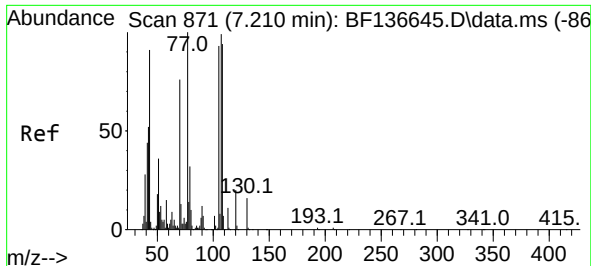
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#18
Hexachloroethane
Concen: 36.024 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

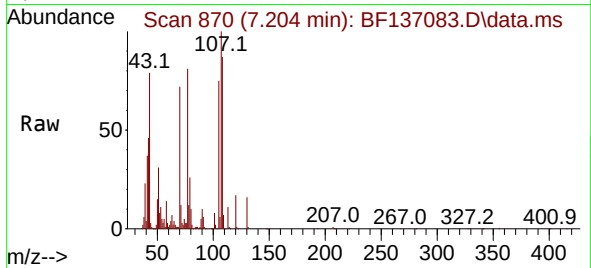
Tgt Ion:117 Resp: 70610
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.6
201 92.3 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.707 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

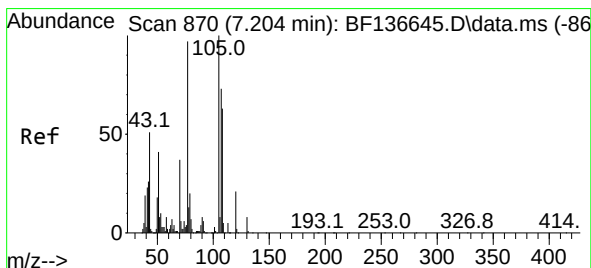
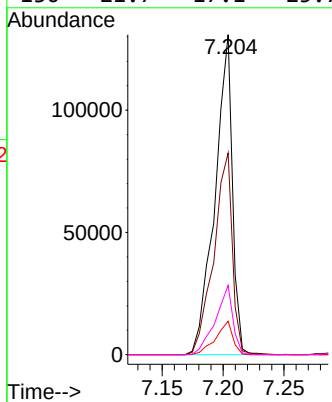
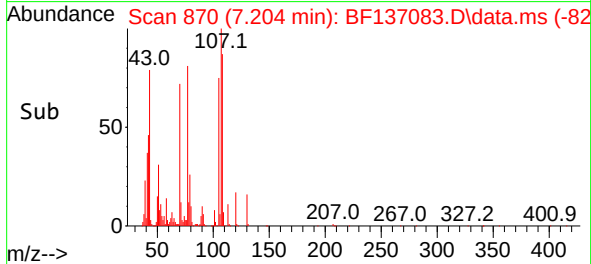
Instrument :
BNA_F
ClientSampleId :
IDOC-04



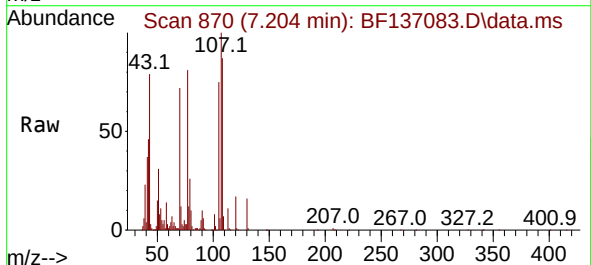
Tgt Ion: 70 Resp: 131049
Ion Ratio Lower Upper
70 100
42 63.1 54.2 81.4
101 10.5 7.6 11.4
130 21.7 17.1 25.7

Manual Integrations
APPROVED

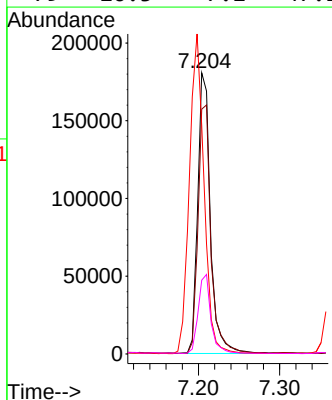
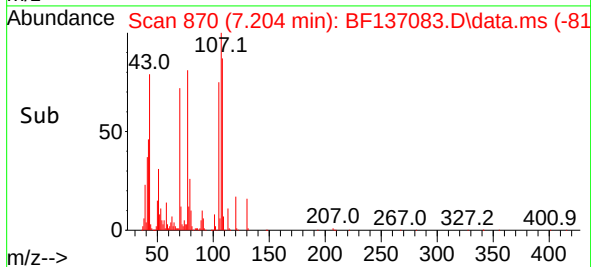
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

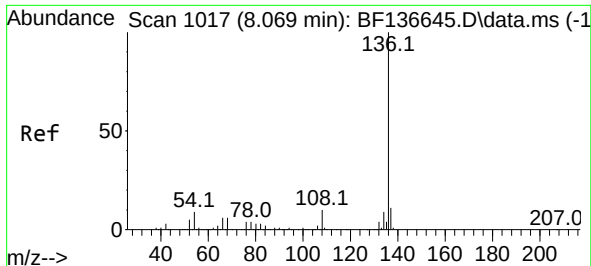


#20
3+4-Methylphenols
Concen: 39.338 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



Tgt Ion:107 Resp: 197133
Ion Ratio Lower Upper
107 100
108 87.1 66.0 106.0
77 81.2 114.2 154.2#
79 26.3 7.2 47.2





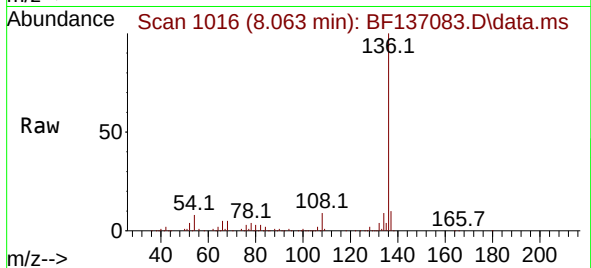
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04



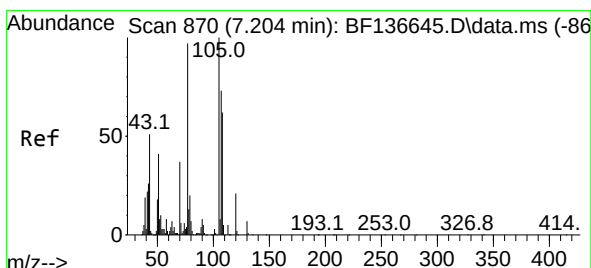
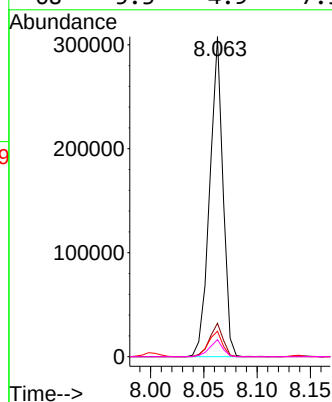
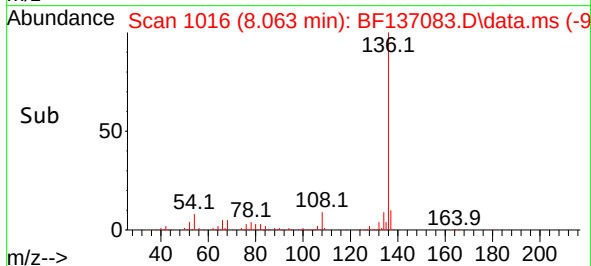
Tgt Ion:136 Resp: 266040
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.0 7.2 10.8
68 5.3 4.9 7.3

Manual Integrations

APPROVED

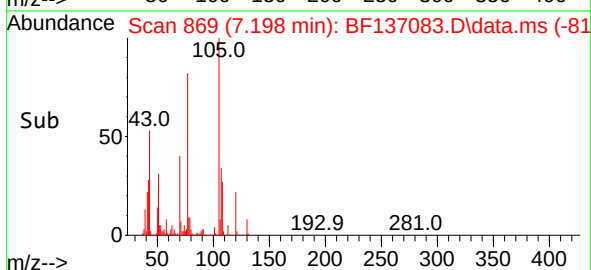
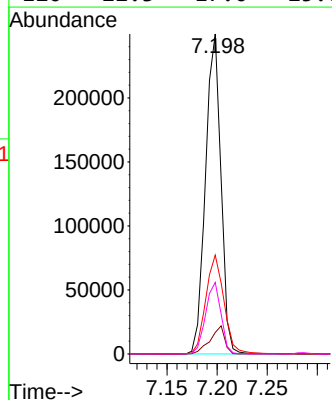
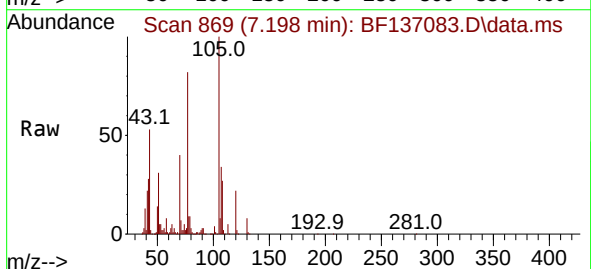
Reviewed By :Yogesh Patel 01/18/2024

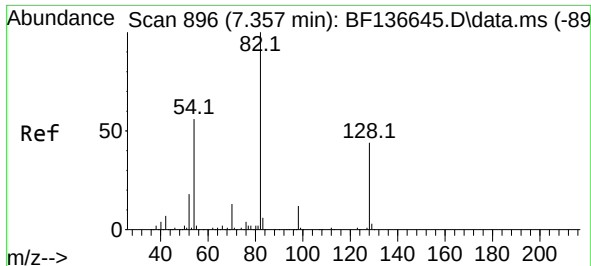
Supervised By :mohammad ahmed 01/18/2024



#22
Acetophenone
Concen: 40.337 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Tgt Ion:105 Resp: 268977
Ion Ratio Lower Upper
105 100
71 6.7 4.8 7.2
51 30.9 32.8 49.2#
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.364 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

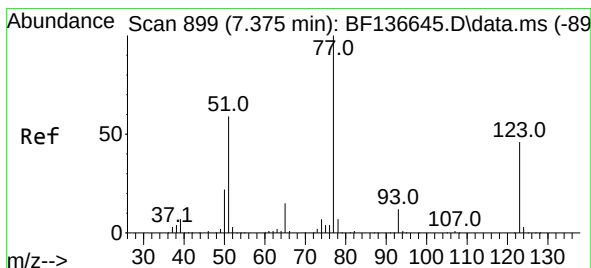
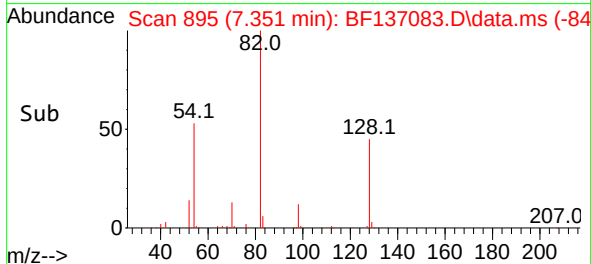
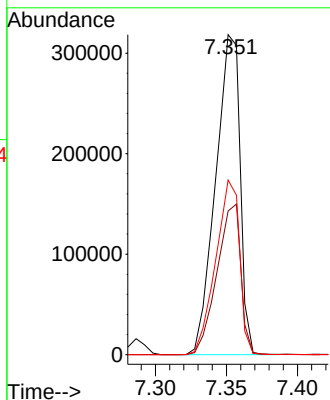
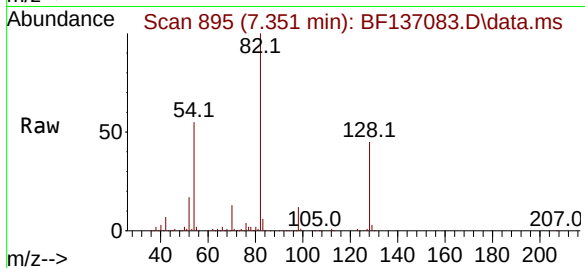
Tgt Ion:	82	Resp:	38142
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.3	52.9
54	54.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#24

Nitrobenzene

Concen: 36.961 ng

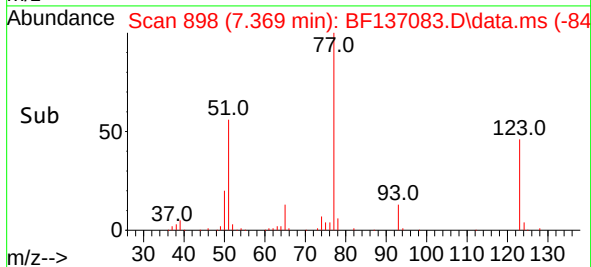
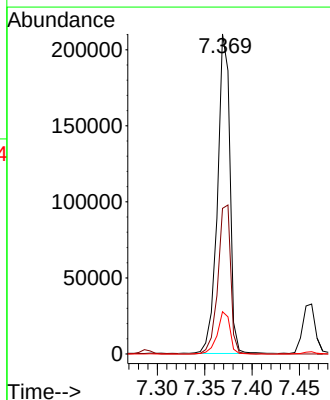
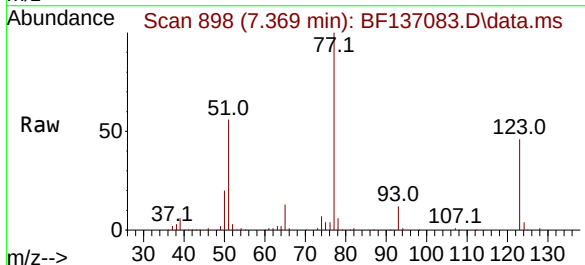
RT: 7.369 min Scan# 898

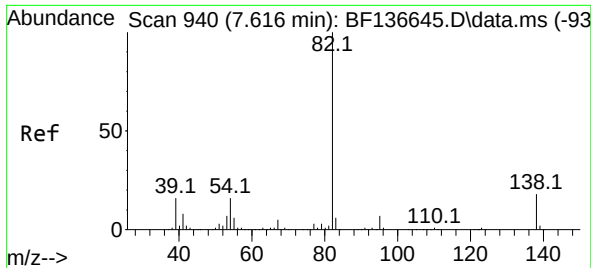
Delta R.T. -0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

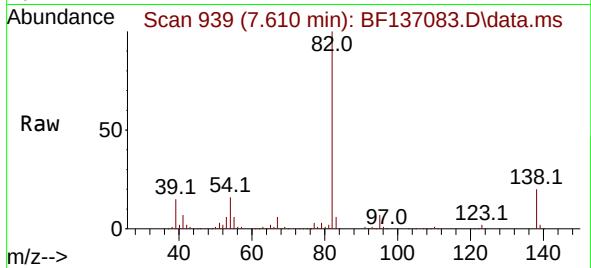
Tgt Ion:	77	Resp:	192497
Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.7	55.1
65	13.2	11.8	17.6





#25
Isophorone
Concen: 37.876 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

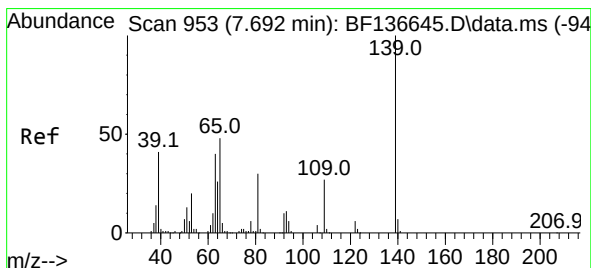
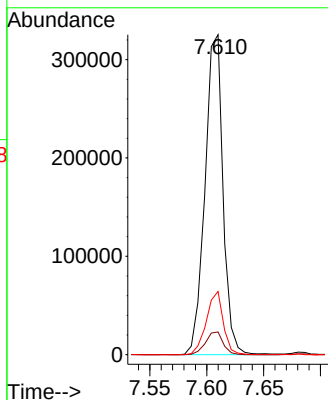
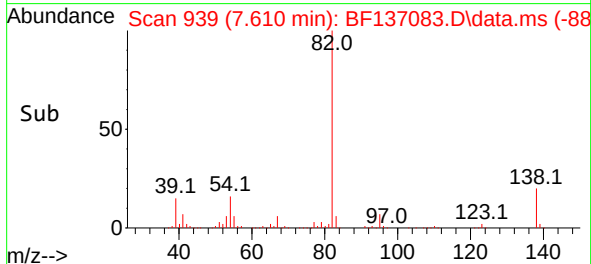
Instrument :
BNA_F
ClientSampleId :
IDOC-04



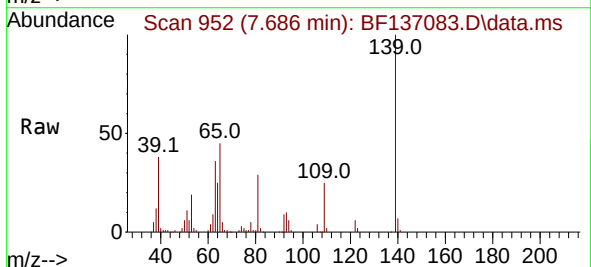
Tgt Ion: 82 Resp: 358310
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 19.7 14.5 21.7

Manual Integrations
APPROVED

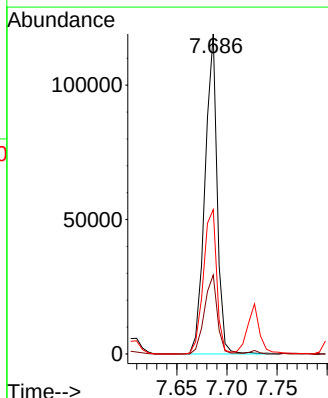
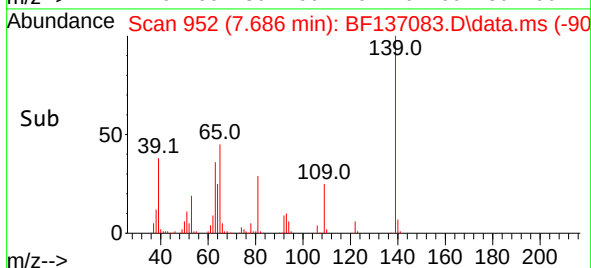
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

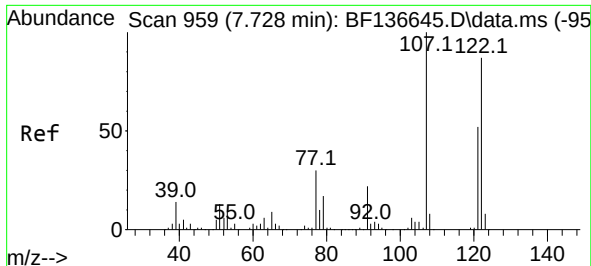


#26
2-Nitrophenol
Concen: 40.669 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



Tgt Ion:139 Resp: 101338
Ion Ratio Lower Upper
139 100
109 24.7 21.9 32.9
65 45.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 54.696 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF137083.D

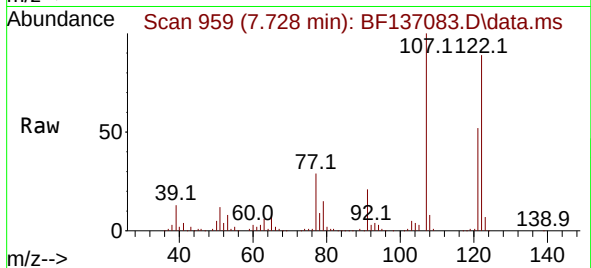
Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04



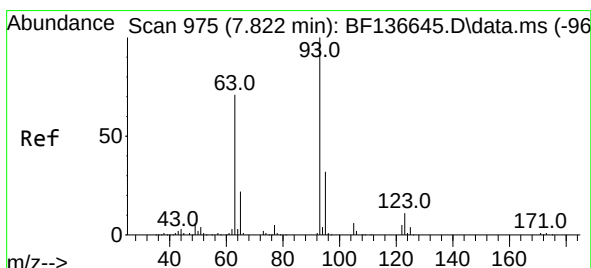
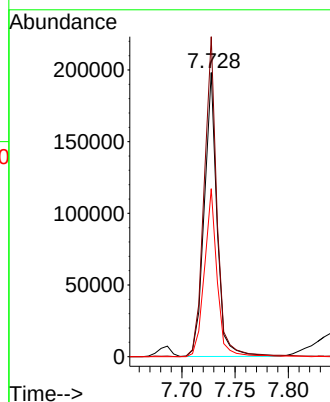
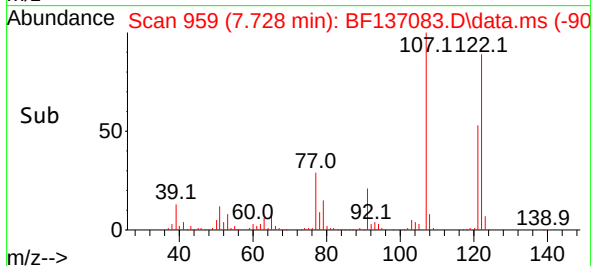
Tgt Ion:	122	Resp:	16592
Ion	Ratio	Lower	Upper
122	100		
107	112.6	92.0	138.0
121	59.1	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.736 ng

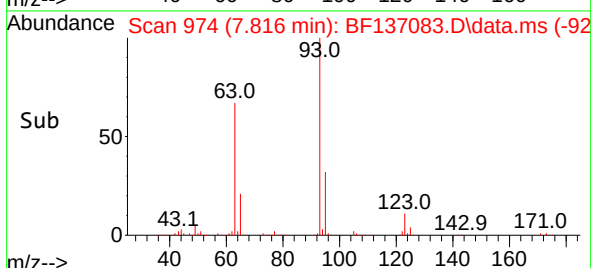
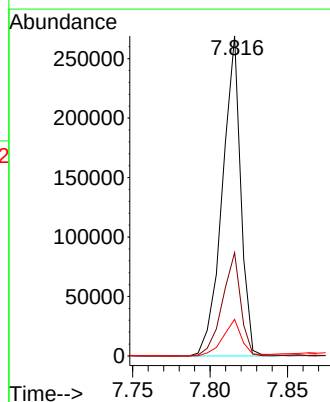
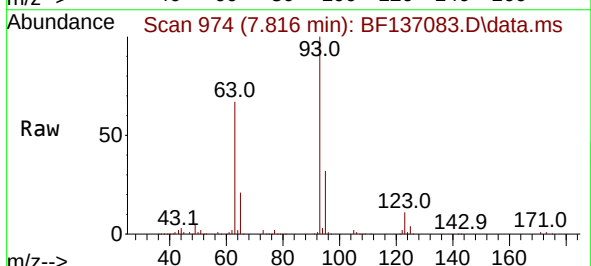
RT: 7.816 min Scan# 974

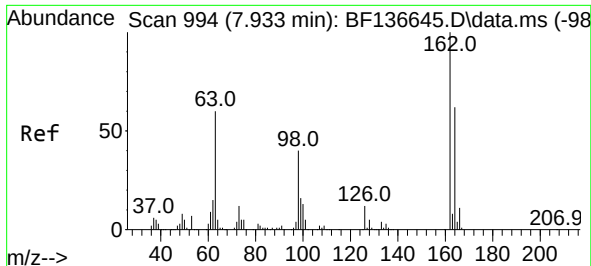
Delta R.T. -0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

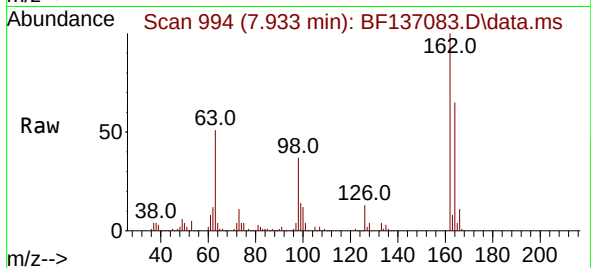
Tgt Ion:	93	Resp:	222749
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.5	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 39.111 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

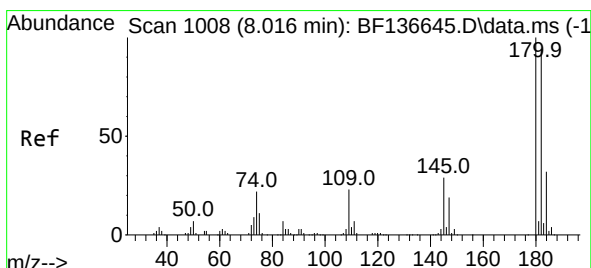
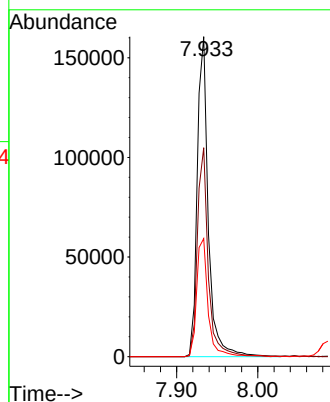
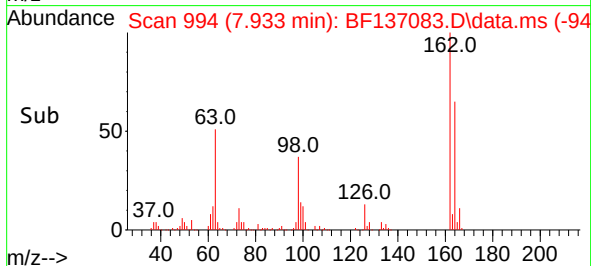
Instrument :
BNA_F
ClientSampleId :
IDOC-04



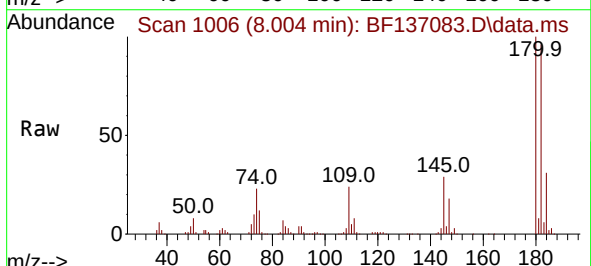
Tgt Ion:162 Resp: 152748
Ion Ratio Lower Upper
162 100
164 65.3 41.7 81.7
98 36.9 19.5 59.5

Manual Integrations
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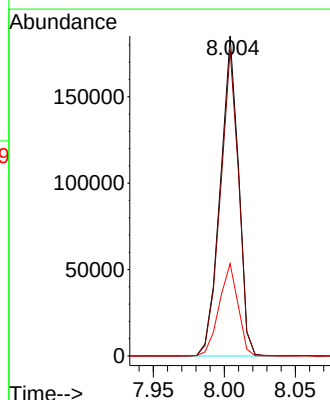
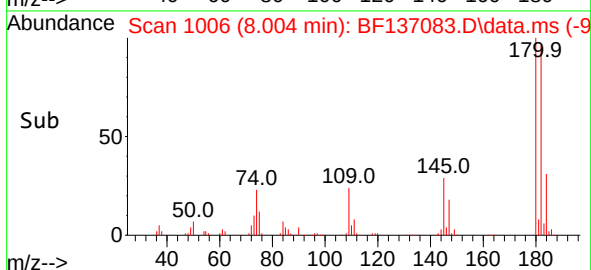
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

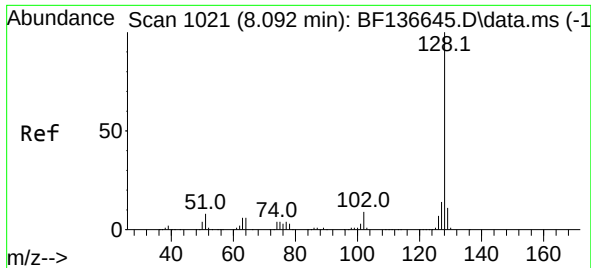


#30
1,2,4-Trichlorobenzene
Concen: 37.987 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



Tgt Ion:180 Resp: 165296
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.0
145 28.9 23.1 34.7





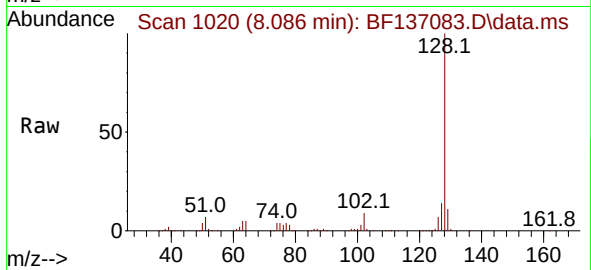
#31
Naphthalene
Concen: 37.438 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04



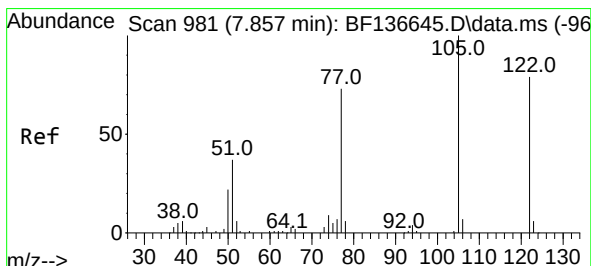
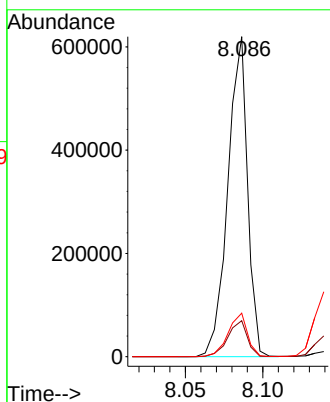
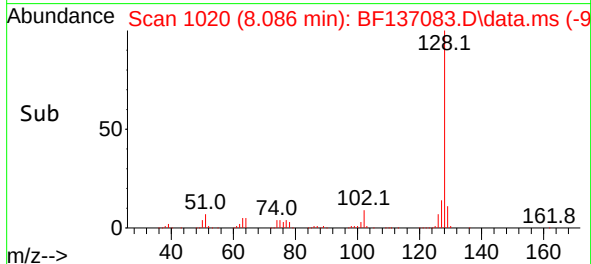
Tgt Ion:128 Resp: 54717
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.8 16.2

Manual Integrations

APPROVED

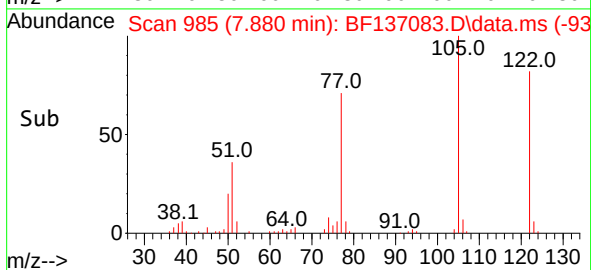
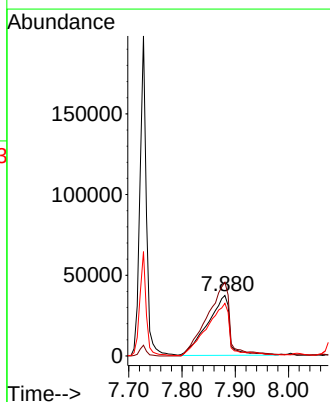
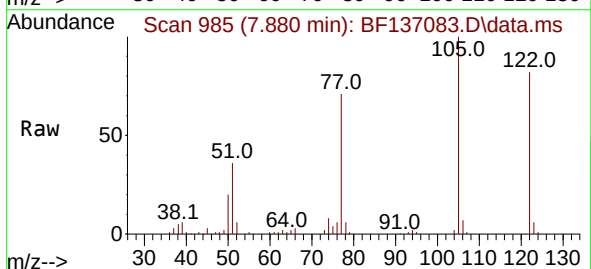
Reviewed By :Yogesh Patel 01/18/2024

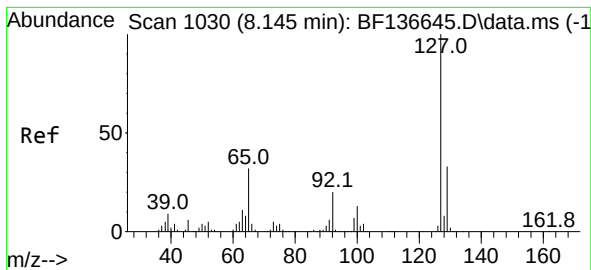
Supervised By :mohammad ahmed 01/18/2024



#32
Benzoic acid
Concen: 37.259 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Tgt Ion:122 Resp: 109364
Ion Ratio Lower Upper
122 100
105 121.8 100.8 140.8
77 87.0 70.9 110.9





#33

4-Chloroaniline

Concen: 21.368 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

Tgt Ion:127 Resp: 115309

Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 28.2 25.8 38.8

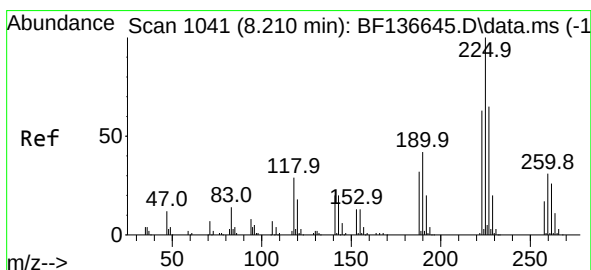
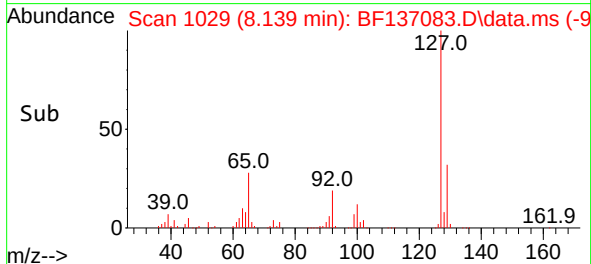
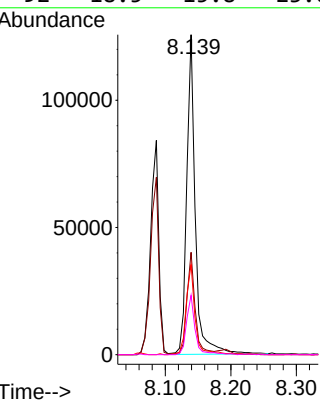
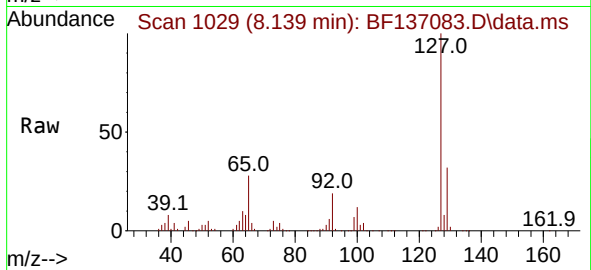
92 18.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#34

Hexachlorobutadiene

Concen: 36.230 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.018 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

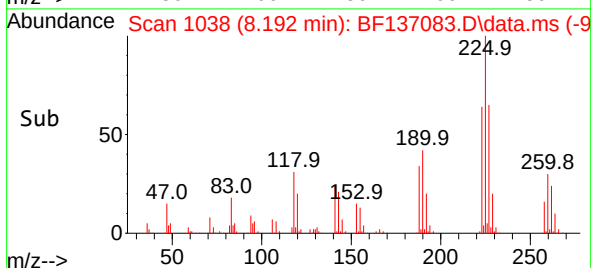
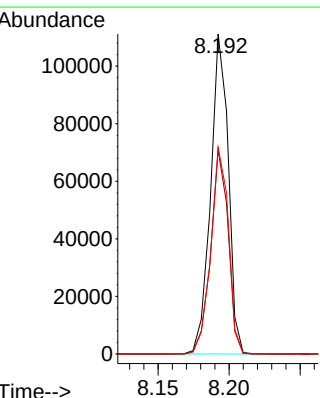
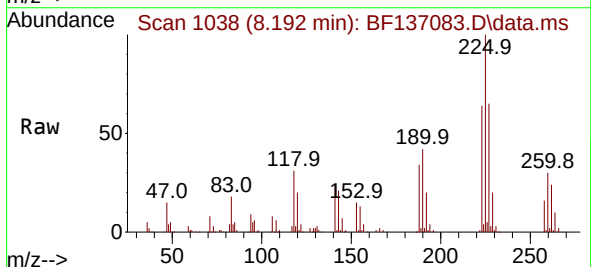
Tgt Ion:225 Resp: 95784

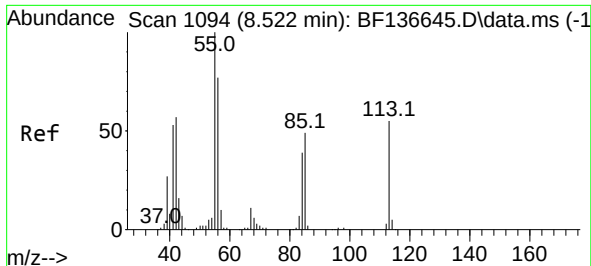
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

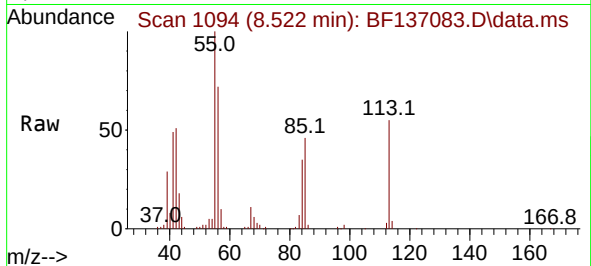
227 64.6 51.9 77.9





#35
Caprolactam
Concen: 37.553 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

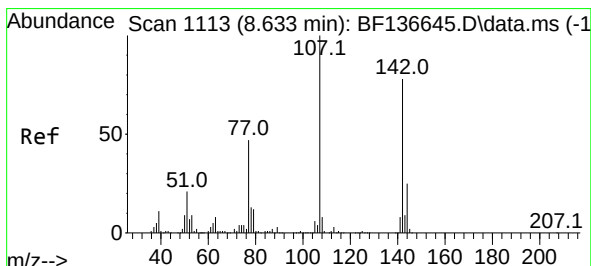
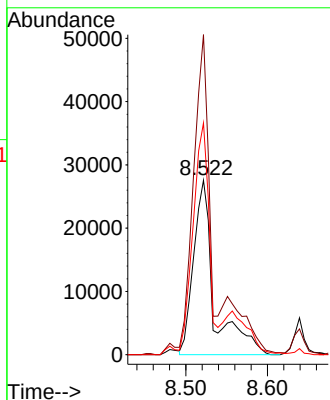
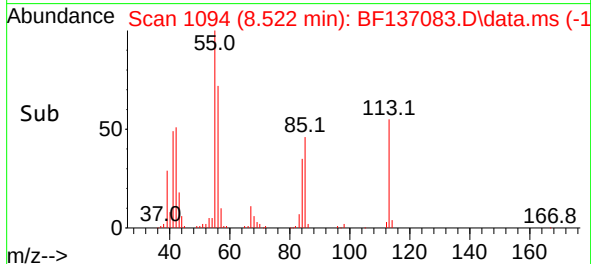
Instrument :
BNA_F
ClientSampleId :
IDOC-04



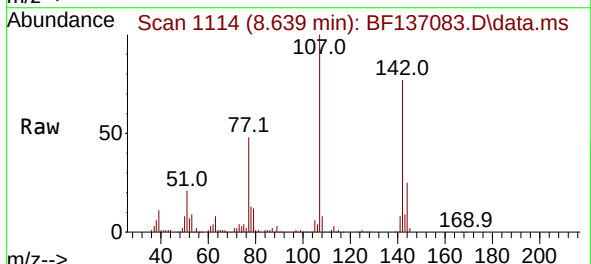
Tgt Ion:113 Resp: 4838
Ion Ratio Lower Upper
113 100
55 183.4 163.1 203.1
56 132.8 121.7 161.7

Manual Integrations
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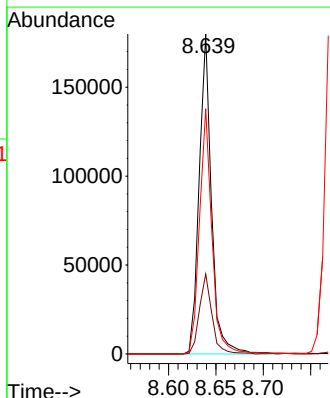
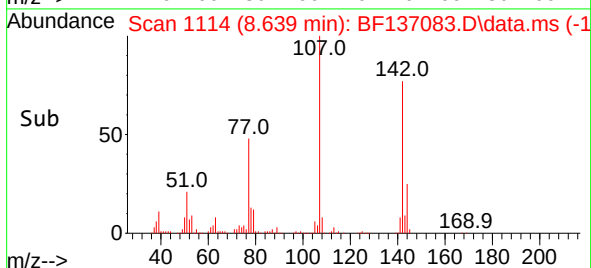
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

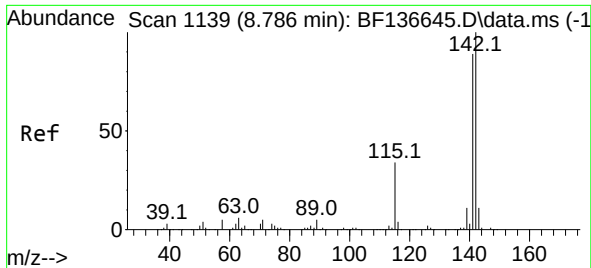


#36
4-Chloro-3-methylphenol
Concen: 37.179 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



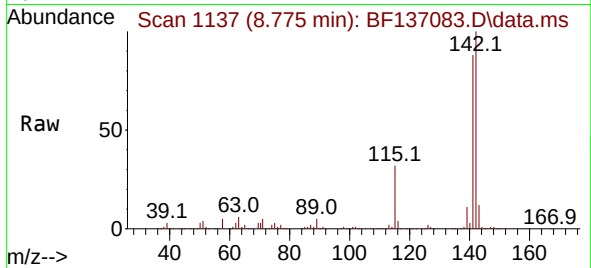
Tgt Ion:107 Resp: 163467
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 76.6 62.3 93.5





#37
2-Methylnaphthalene
Concen: 37.611 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

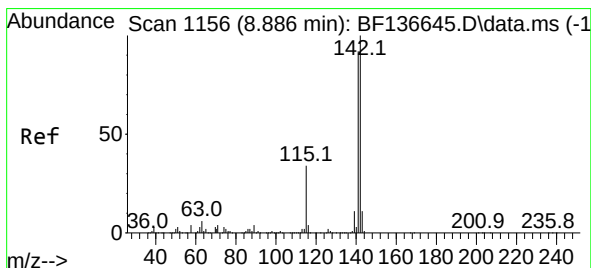
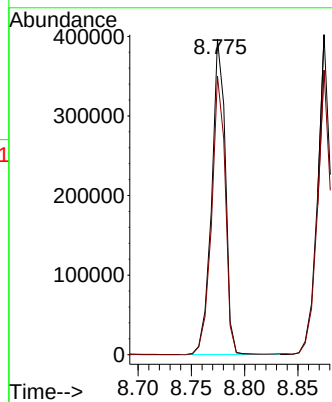
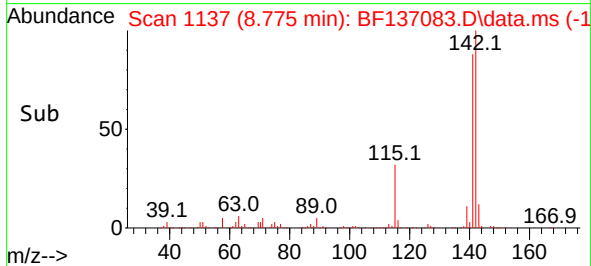
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:142 Resp: 353774
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

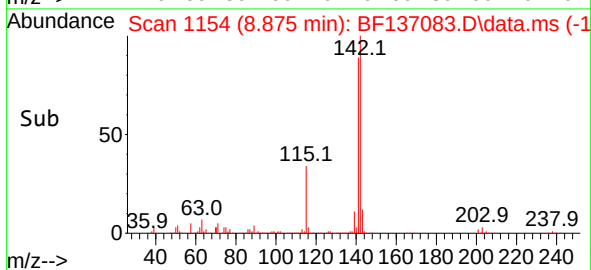
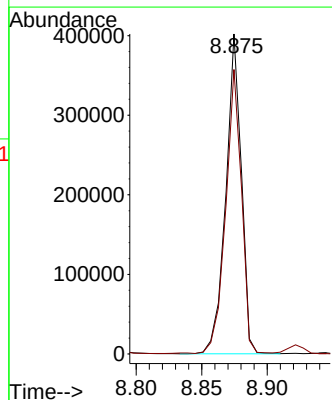
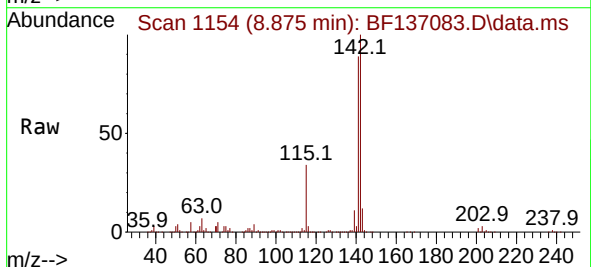
Manual Integrations
APPROVED

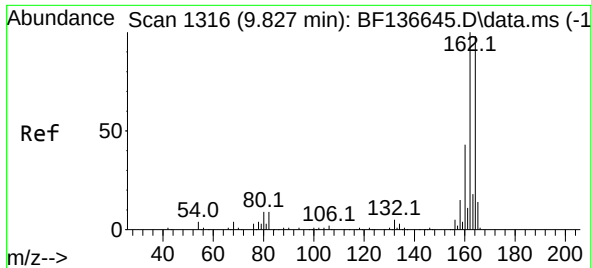
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#38
1-Methylnaphthalene
Concen: 35.796 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

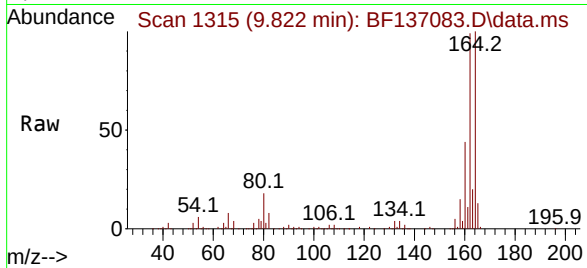
Tgt Ion:142 Resp: 330336
Ion Ratio Lower Upper
142 100
141 88.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

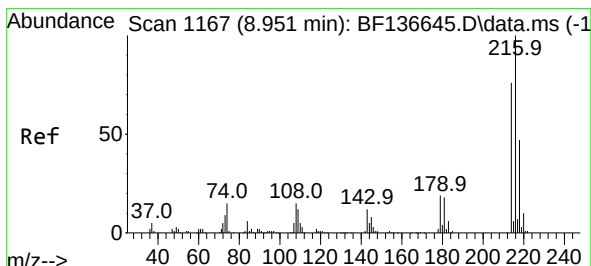
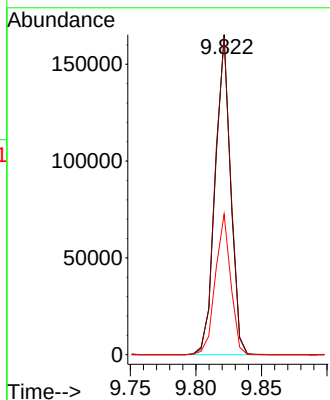
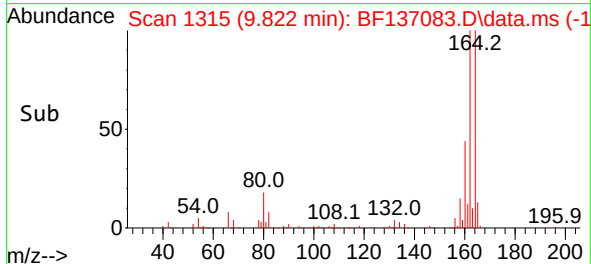
Instrument :
BNA_F
ClientSampleId :
IDOC-04



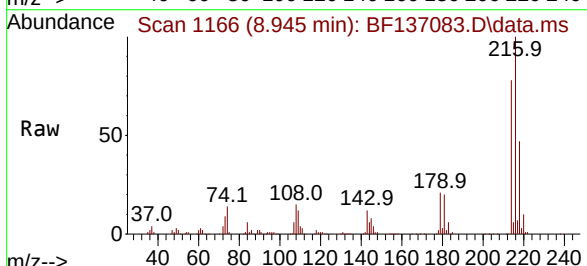
Tgt Ion:164 Resp: 134138
Ion Ratio Lower Upper
164 100
162 99.0 81.6 122.4
160 43.9 34.9 52.3

Manual Integrations
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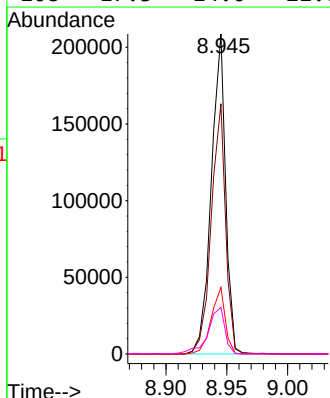
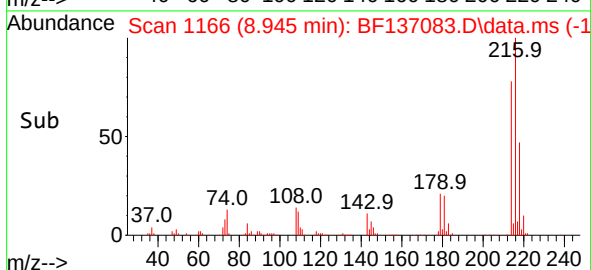
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

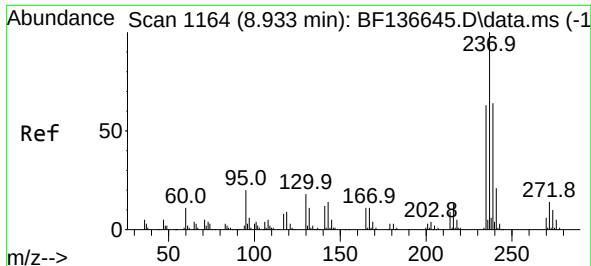


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.111 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



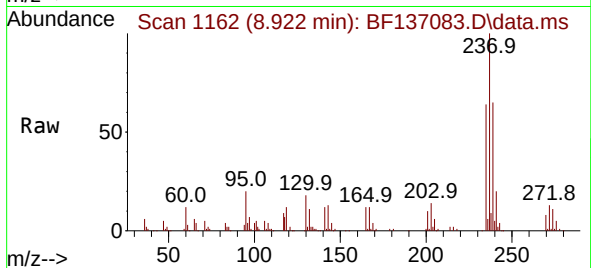
Tgt Ion:216 Resp: 170782
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 20.3 16.4 24.6
108 17.3 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 63.417 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

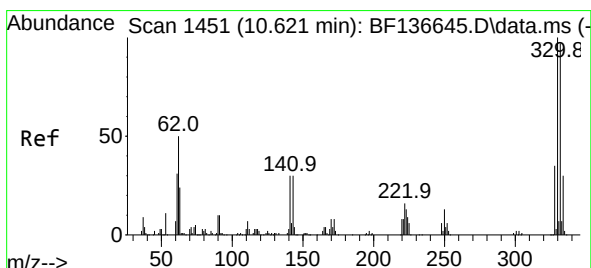
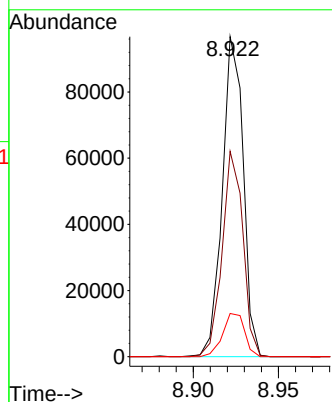
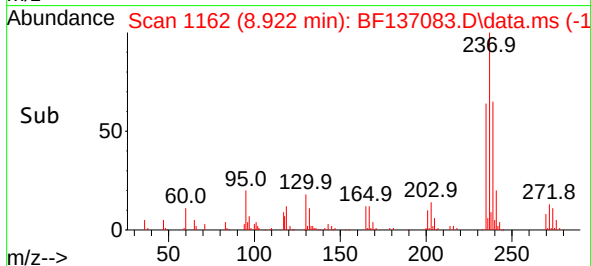
Instrument :
BNA_F
ClientSampleId :
IDOC-04



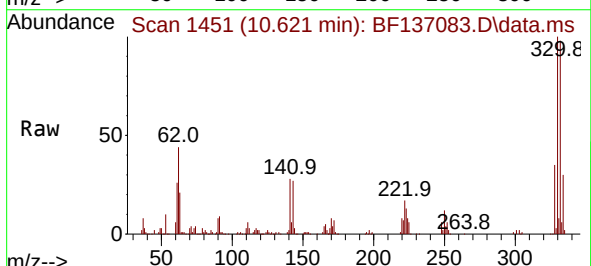
Tgt Ion:237 Resp: 82560
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.5 0.0 34.2

Manual Integrations
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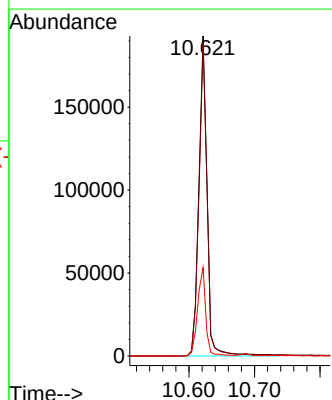
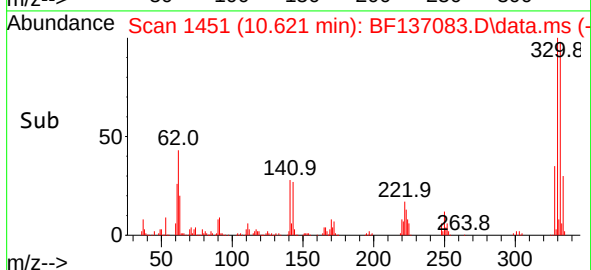
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

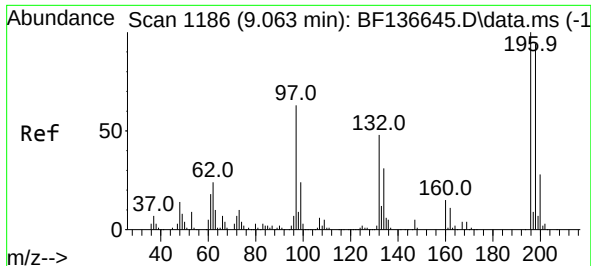


#42
2,4,6-Tribromophenol
Concen: 107.292 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



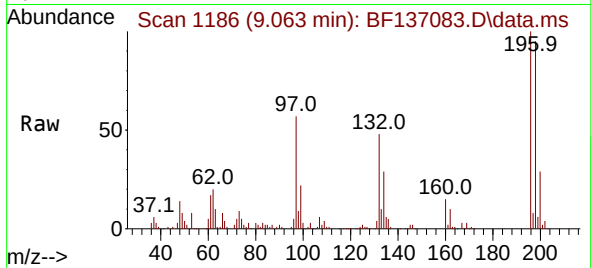
Tgt Ion:330 Resp: 169497
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 27.3 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 39.841 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

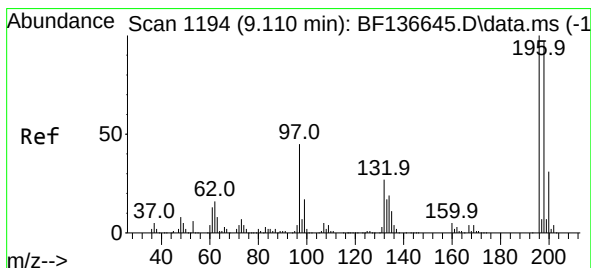
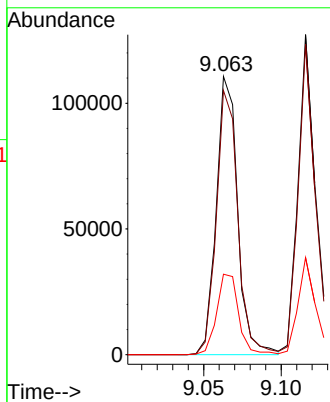
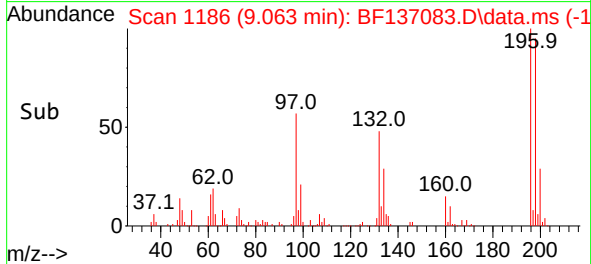
Instrument :
BNA_F
ClientSampleId :
IDOC-04



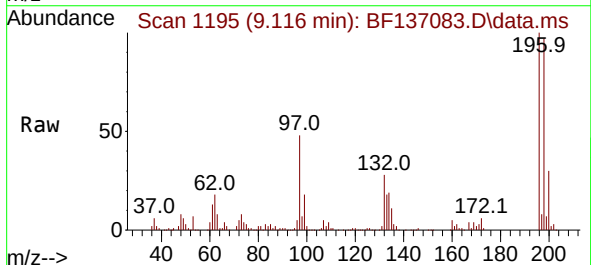
Tgt Ion:196 Resp: 106144
Ion Ratio Lower Upper
196 100
198 94.9 75.1 112.7
200 28.9 22.5 33.7

Manual Integrations
APPROVED

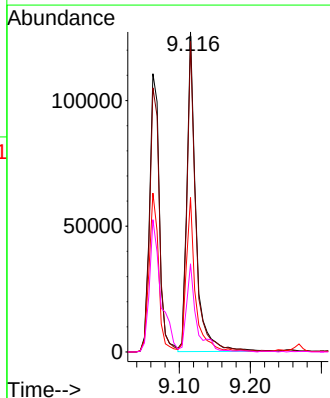
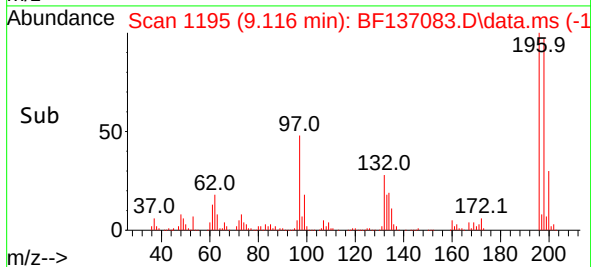
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

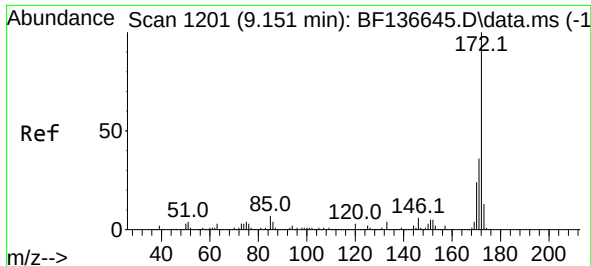


#44
2,4,5-Trichlorophenol
Concen: 37.639 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



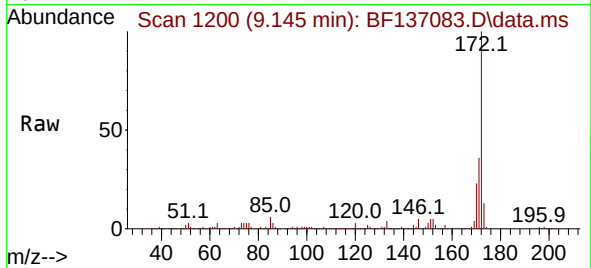
Tgt Ion:196 Resp: 111744
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.6
97 48.2 36.1 54.1
132 27.6 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 77.387 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

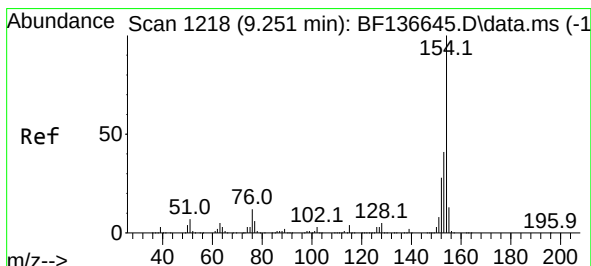
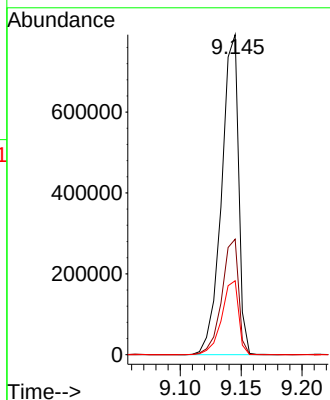
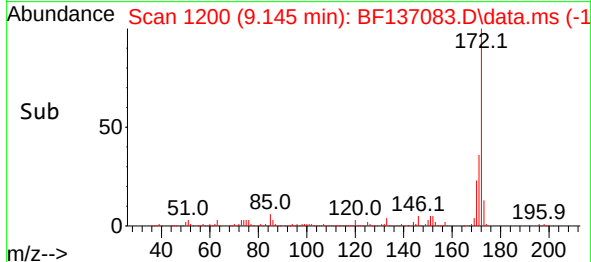
Instrument :
BNA_F
ClientSampleId :
IDOC-04



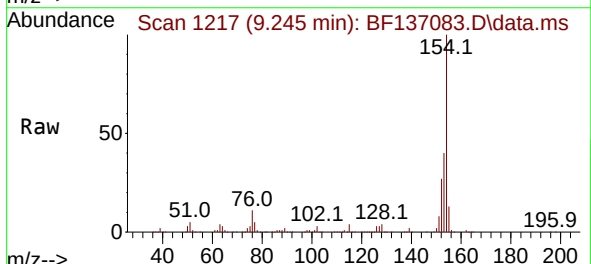
Tgt Ion:172 Resp: 771798
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.1 19.0 28.4

Manual Integrations
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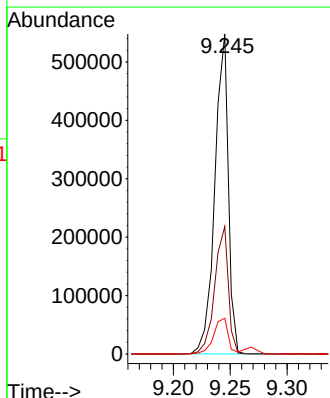
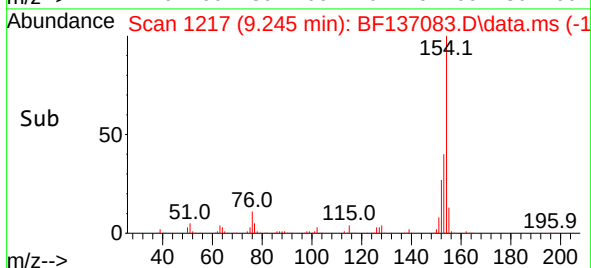
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

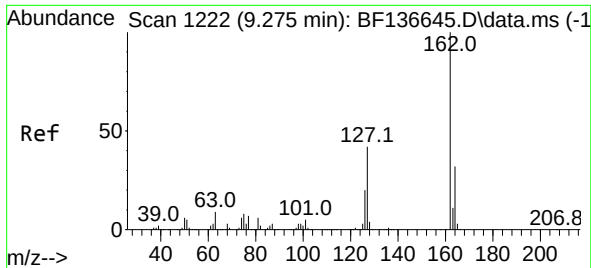


#46
1,1'-Biphenyl
Concen: 40.200 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



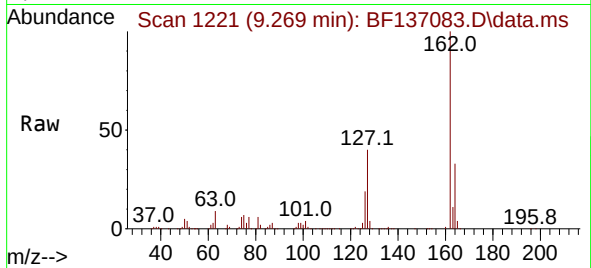
Tgt Ion:154 Resp: 452506
Ion Ratio Lower Upper
154 100
153 39.8 21.1 61.1
76 11.2 0.0 31.7





#47
2-Chloronaphthalene
Concen: 38.690 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

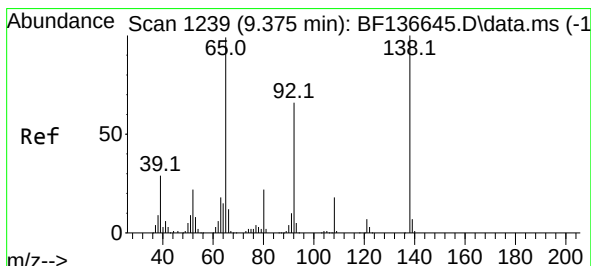
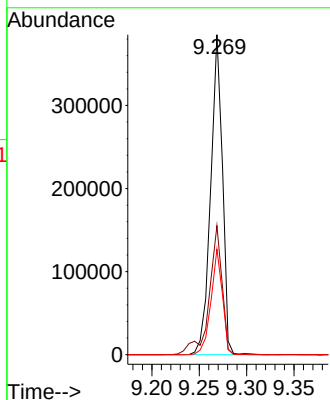
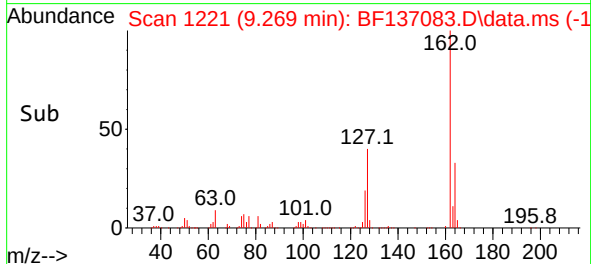
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:162 Resp: 331070
Ion Ratio Lower Upper
162 100
127 40.3 33.6 50.4
164 33.0 25.7 38.5

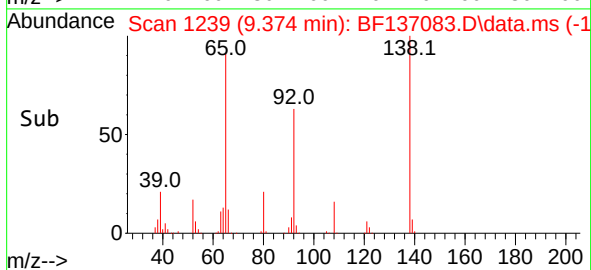
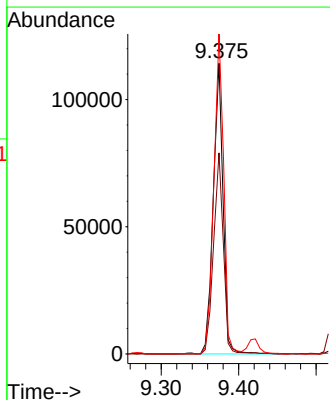
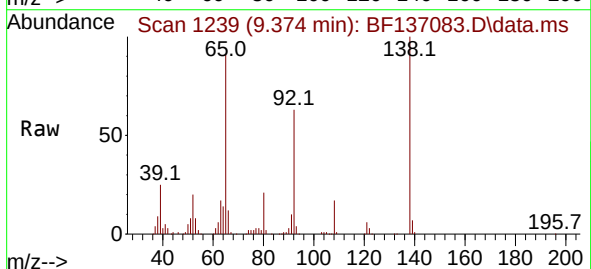
Manual Integrations
APPROVED

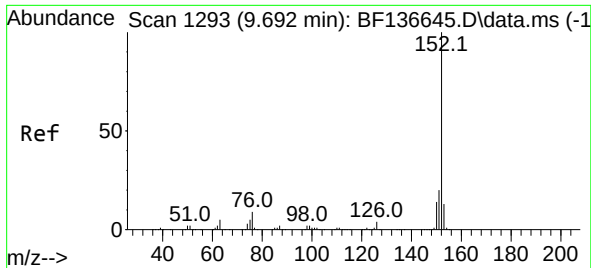
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#48
2-Nitroaniline
Concen: 37.615 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

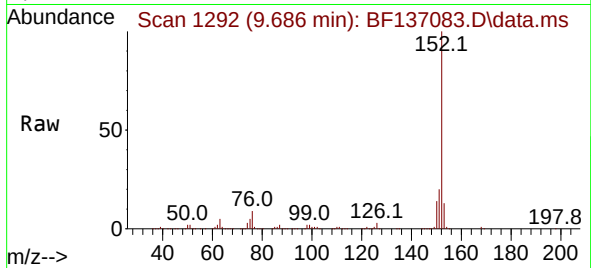
Tgt Ion: 65 Resp: 100795
Ion Ratio Lower Upper
65 100
92 69.2 53.2 79.8
138 110.1 81.1 121.7





#49
Acenaphthylene
Concen: 39.462 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

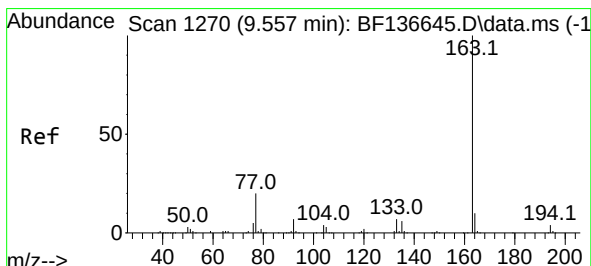
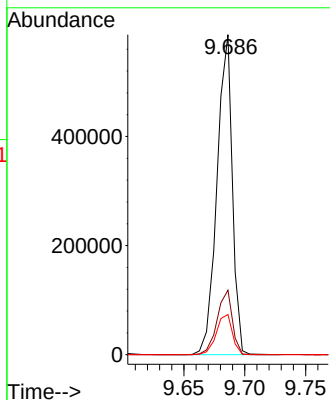
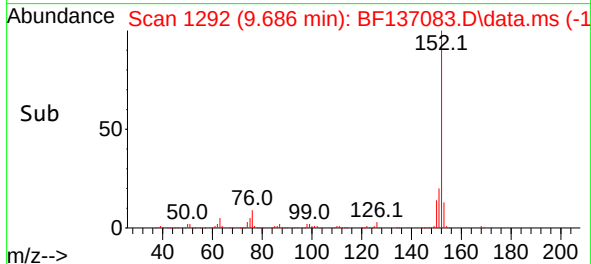
Instrument :
BNA_F
ClientSampleId :
IDOC-04



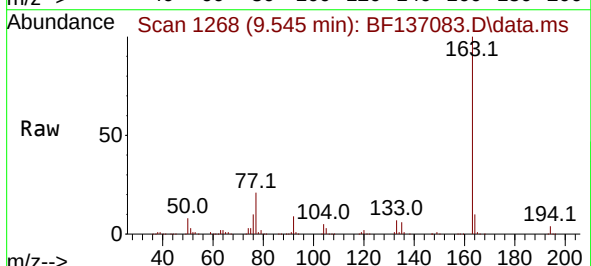
Tgt Ion:152 Resp: 51614
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.5 10.2 15.2

Manual Integrations
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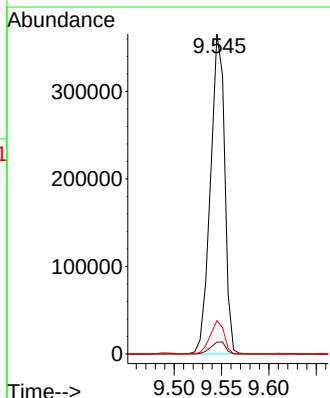
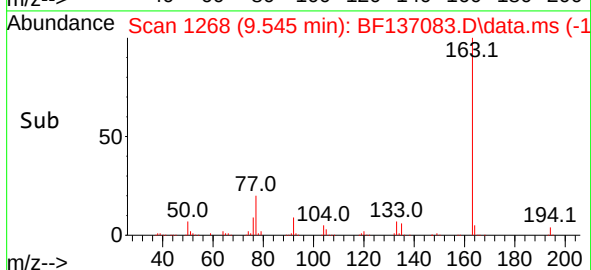
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

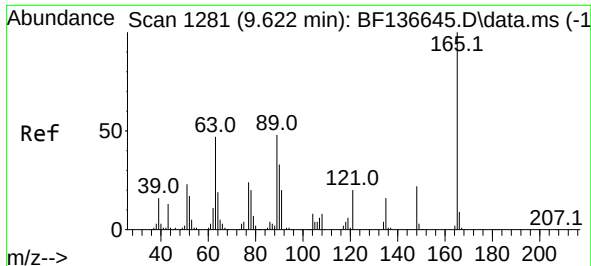


#50
Dimethylphthalate
Concen: 38.875 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



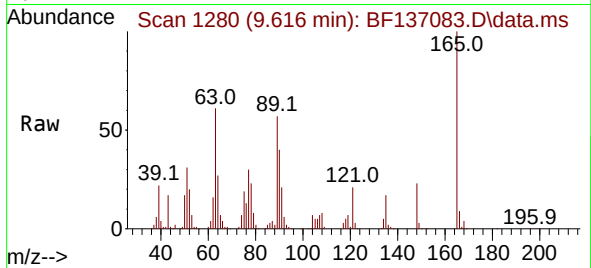
Tgt Ion:163 Resp: 380886
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 36.438 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

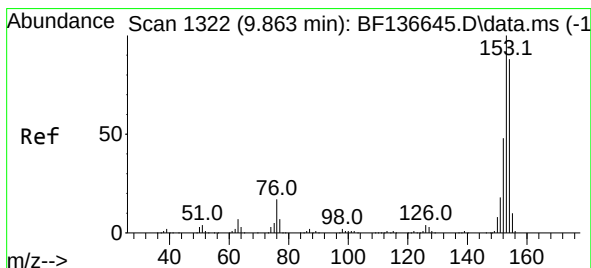
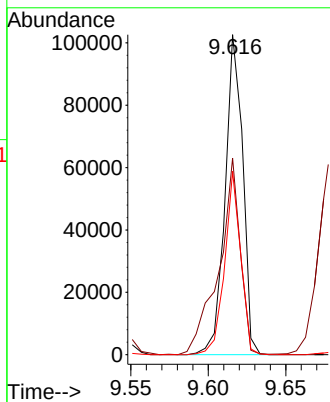
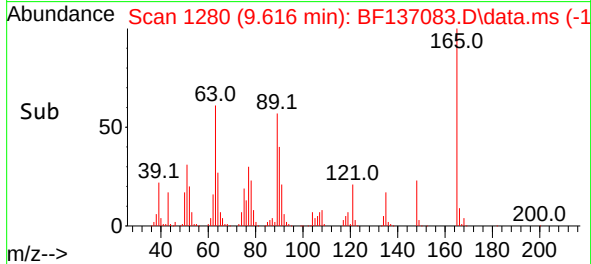
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:165 Resp: 81029
Ion Ratio Lower Upper
165 100
63 61.5 39.8 59.6
89 57.3 38.8 58.2

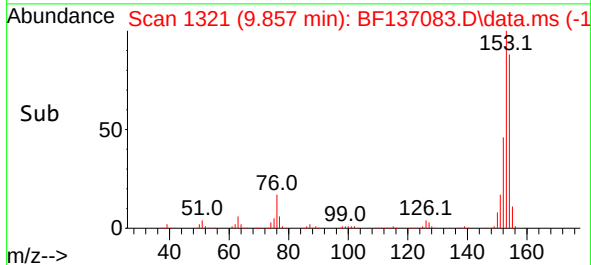
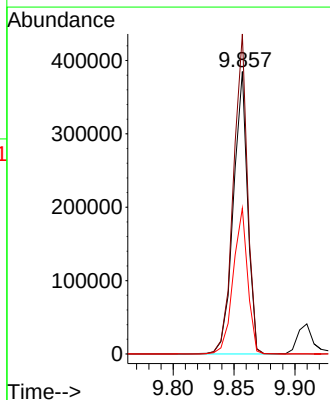
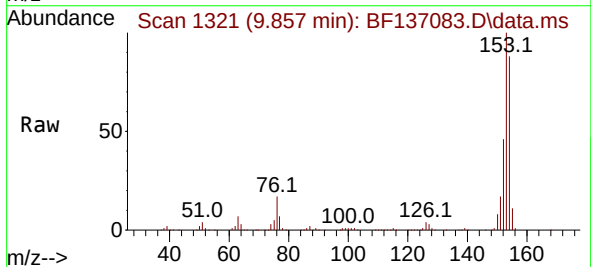
Manual Integrations
APPROVED

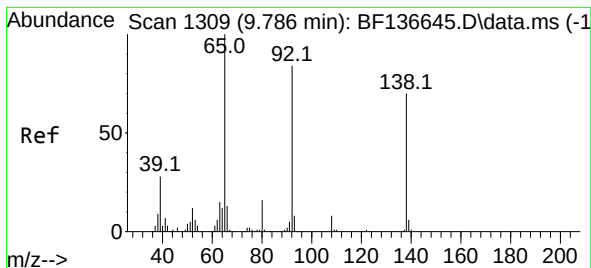
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#52
Acenaphthene
Concen: 38.704 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Tgt Ion:154 Resp: 313804
Ion Ratio Lower Upper
154 100
153 113.3 90.7 136.1
152 51.6 43.7 65.5





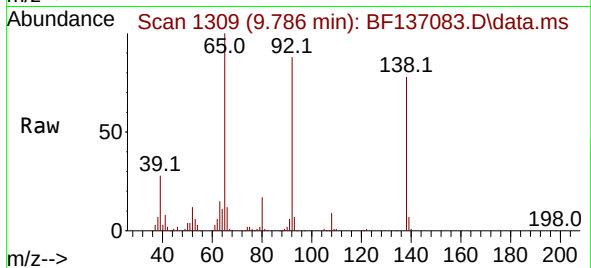
#53
3-Nitroaniline
Concen: 28.196 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04



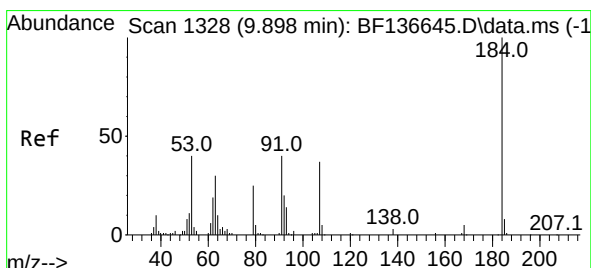
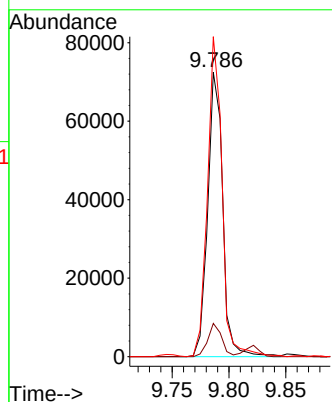
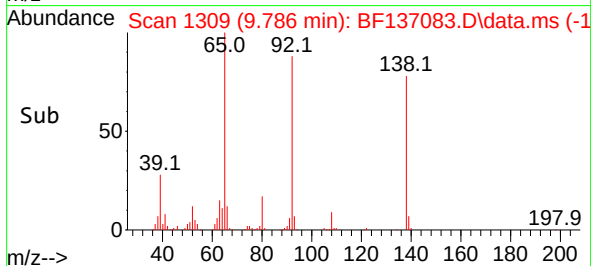
Tgt Ion:138 Resp: 6641
Ion Ratio Lower Upper
138 100
108 11.7 8.6 12.8
92 112.5 95.2 142.8

Manual Integrations

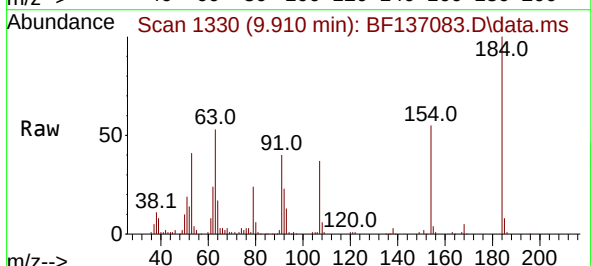
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

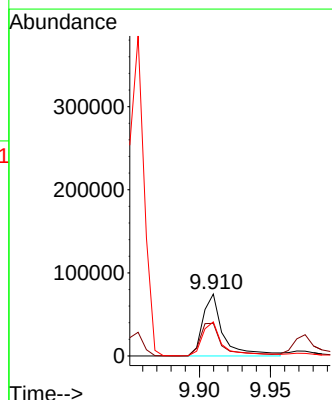
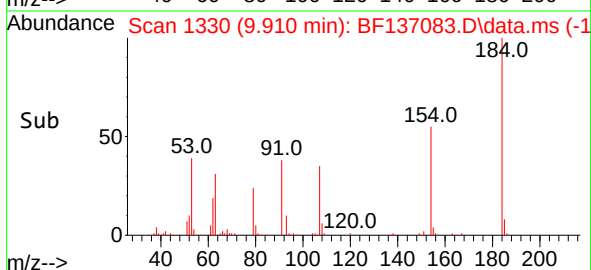
Supervised By :mohammad ahmed 01/18/2024

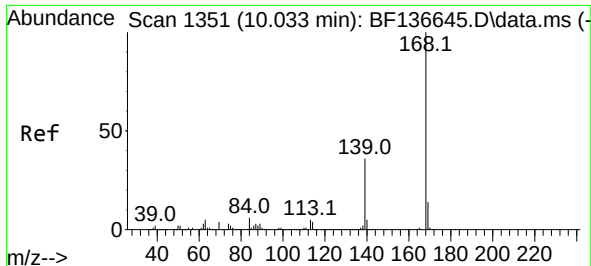


#54
2,4-Dinitrophenol
Concen: 61.459 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



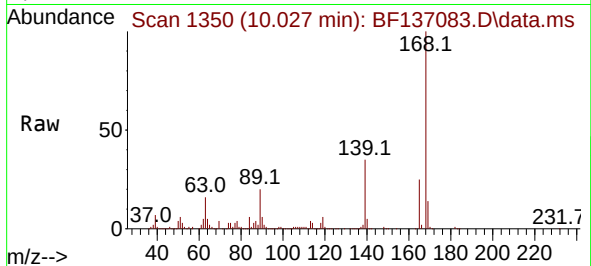
Tgt Ion:184 Resp: 74622
Ion Ratio Lower Upper
184 100
63 52.8 40.9 61.3
154 55.1 42.7 64.1





#55
Dibenzofuran
Concen: 38.593 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

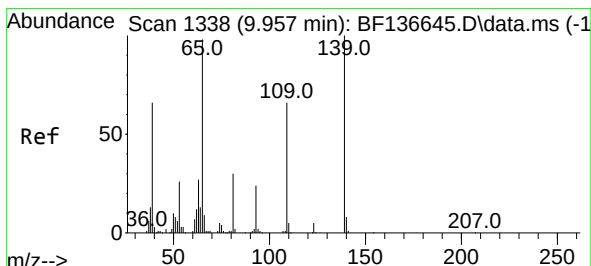
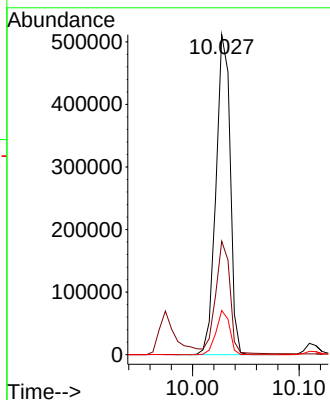
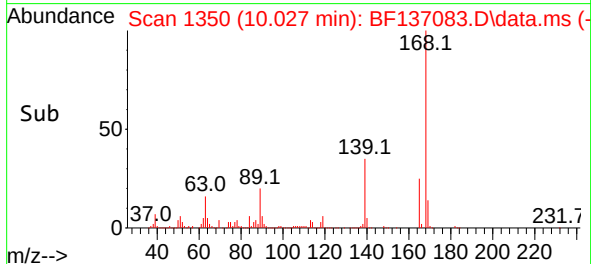
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:168 Resp: 474314
Ion Ratio Lower Upper
168 100
139 35.4 29.3 43.9
169 13.8 11.0 16.4

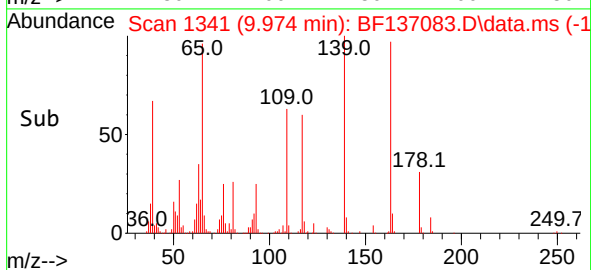
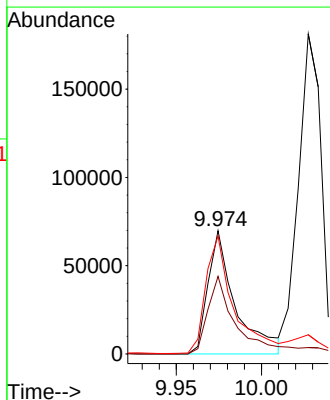
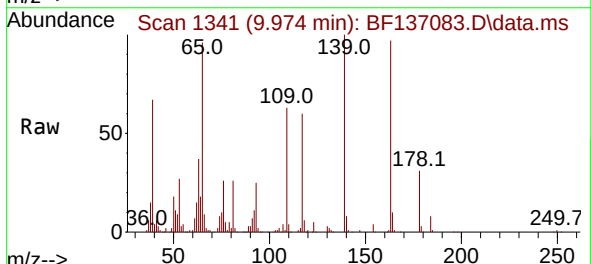
Manual Integrations
APPROVED

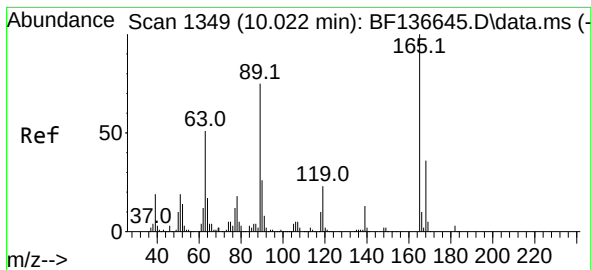
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#56
4-Nitrophenol
Concen: 49.109 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

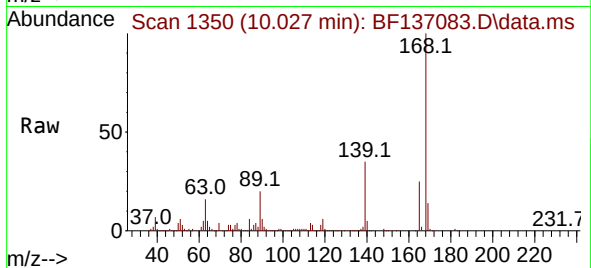
Tgt Ion:139 Resp: 78089
Ion Ratio Lower Upper
139 100
109 63.0 45.8 85.8
65 95.8 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 35.445 ng
RT: 10.027 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

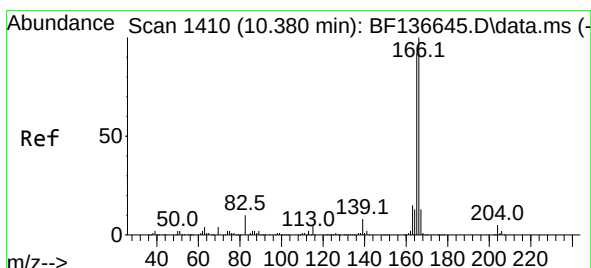
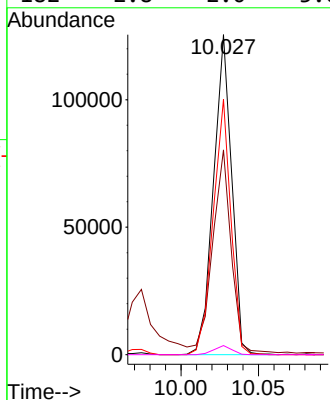
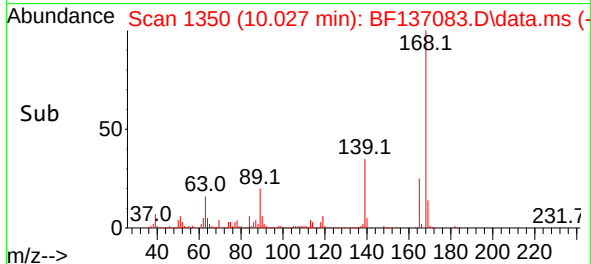
Instrument :
BNA_F
ClientSampleId :
IDOC-04



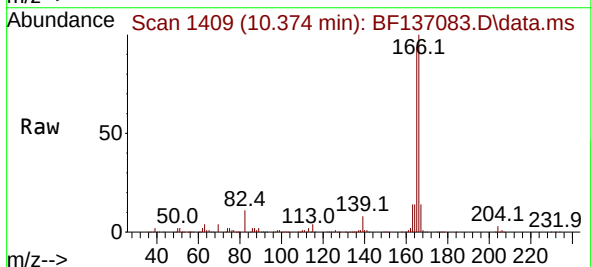
Tgt Ion:165 Resp: 102318
Ion Ratio Lower Upper
165 100
63 64.0 41.0 61.6
89 79.8 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations
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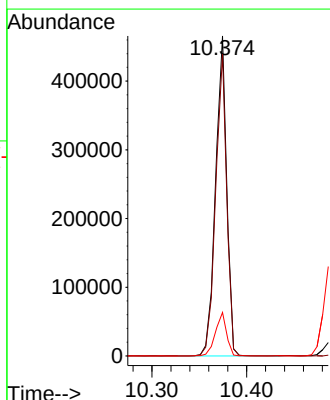
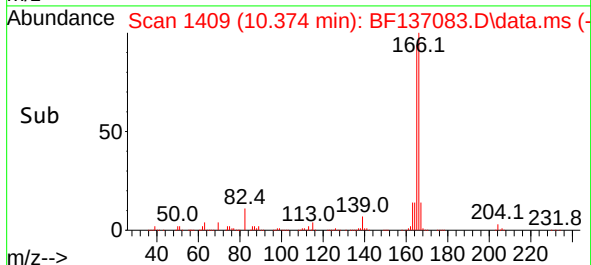
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

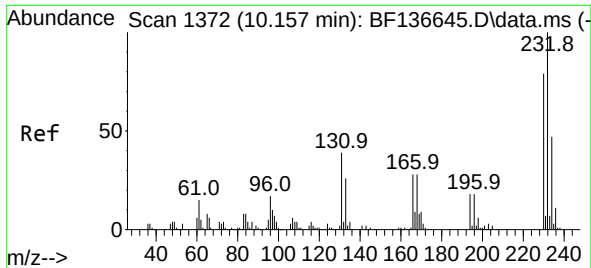


#58
Fluorene
Concen: 38.998 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



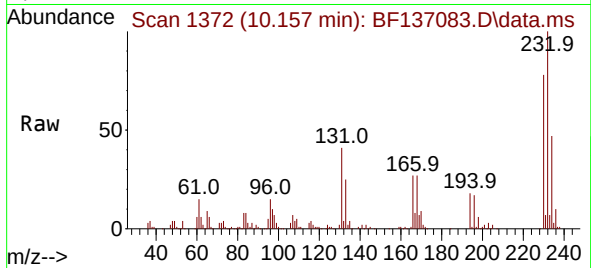
Tgt Ion:166 Resp: 380300
Ion Ratio Lower Upper
166 100
165 94.3 73.7 110.5
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.477 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

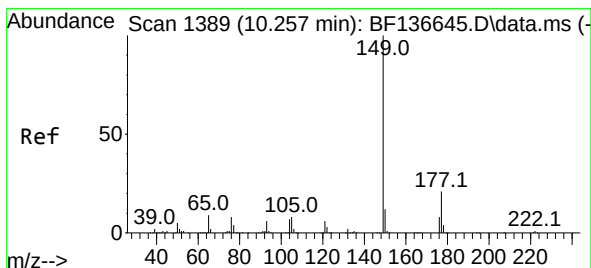
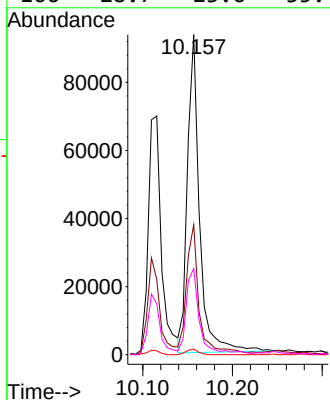
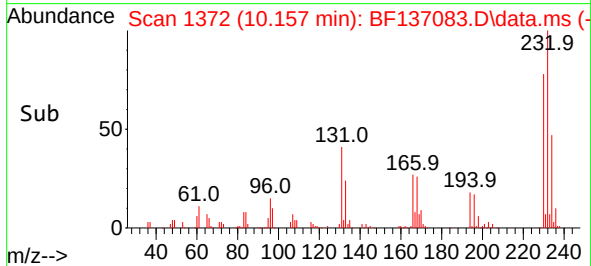
Instrument :
BNA_F
ClientSampleId :
IDOC-04



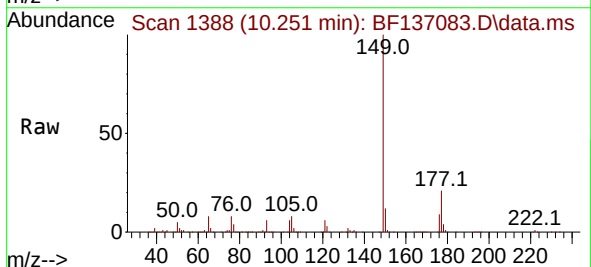
Tgt Ion:232 Resp: 87932
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 1.8 1.6 2.4
166 28.7 23.6 35.4

Manual Integrations
APPROVED

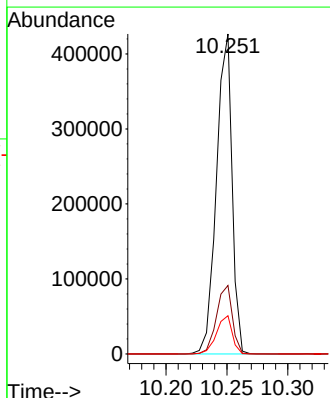
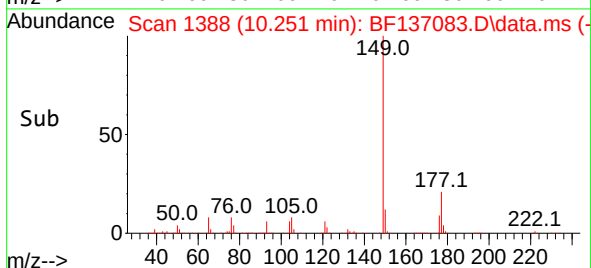
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

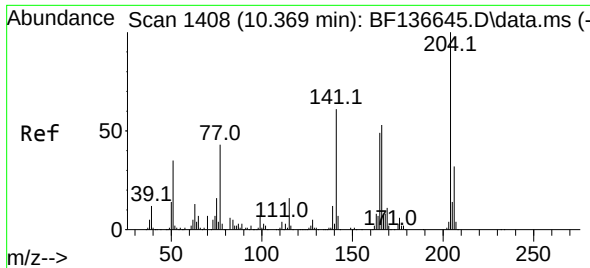


#60
Diethylphthalate
Concen: 37.486 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



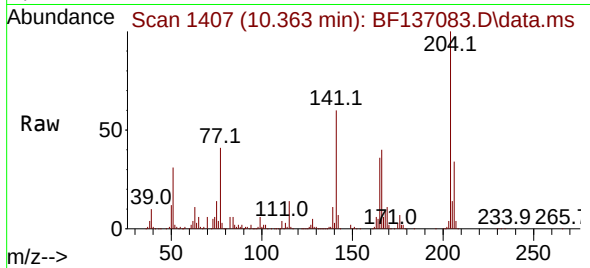
Tgt Ion:149 Resp: 381071
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.0 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.670 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

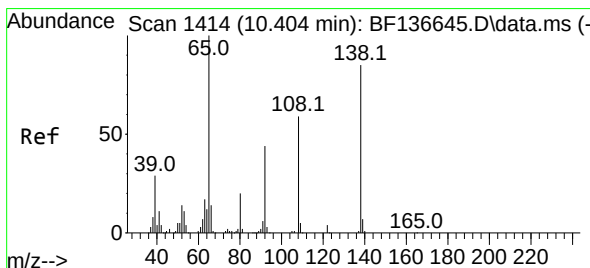
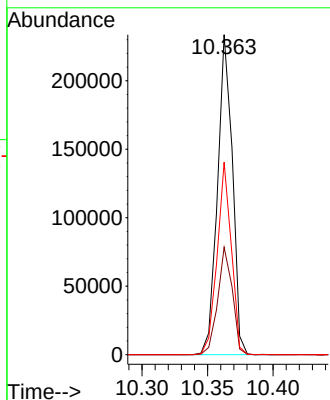
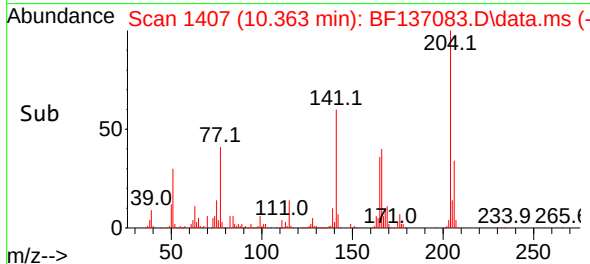
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:204 Resp: 183299
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 60.1 48.4 72.6

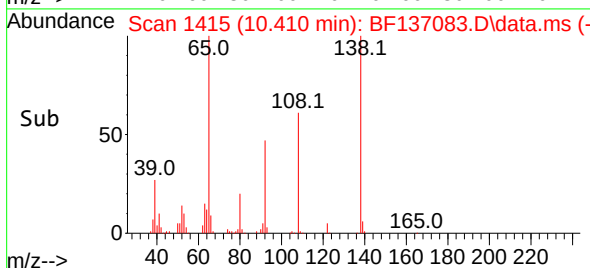
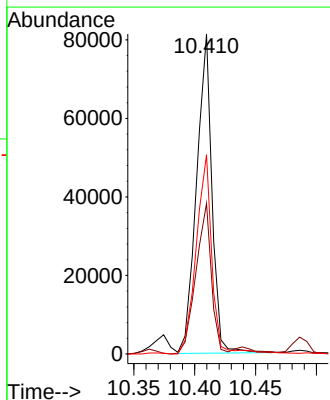
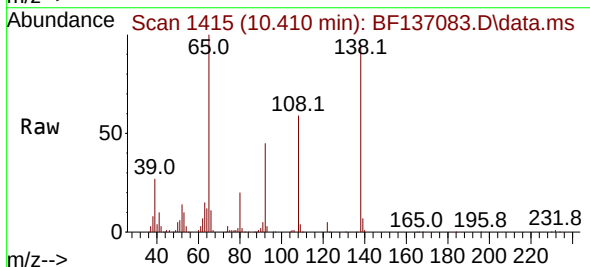
Manual Integrations
APPROVED

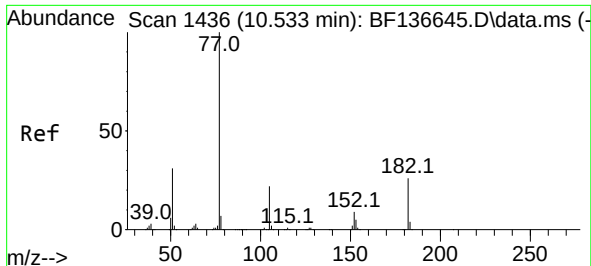
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#62
4-Nitroaniline
Concen: 31.616 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

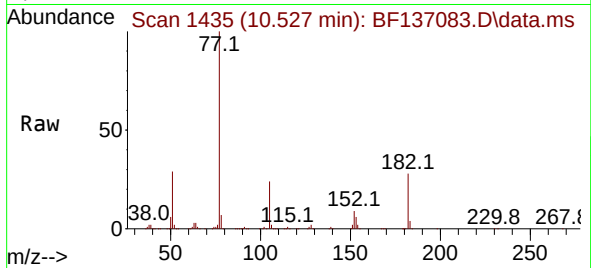
Tgt Ion:138 Resp: 71793
Ion Ratio Lower Upper
138 100
92 47.0 32.1 72.1
108 62.2 50.1 90.1





#63
Azobenzene
Concen: 36.990 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

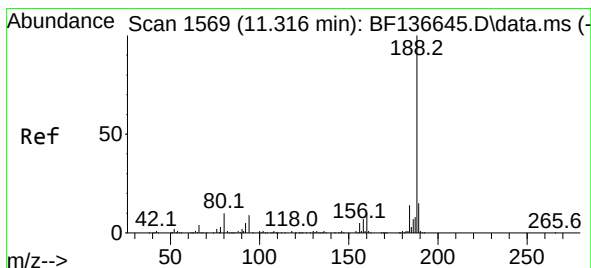
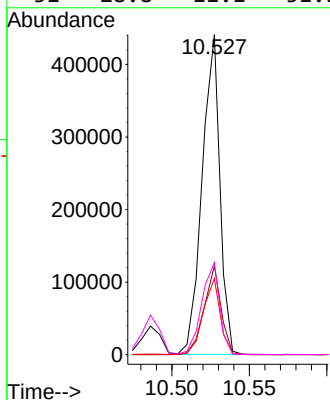
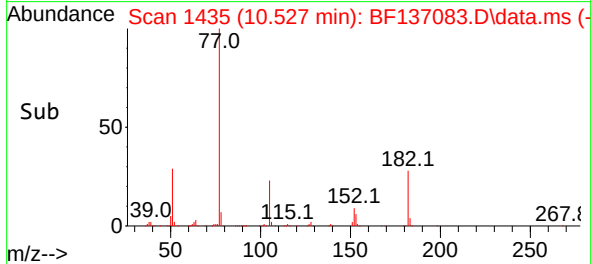
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion: 77 Resp: 351217
Ion Ratio Lower Upper
77 100
182 27.7 6.0 46.0
105 23.8 2.3 42.3
51 28.8 11.1 51.1

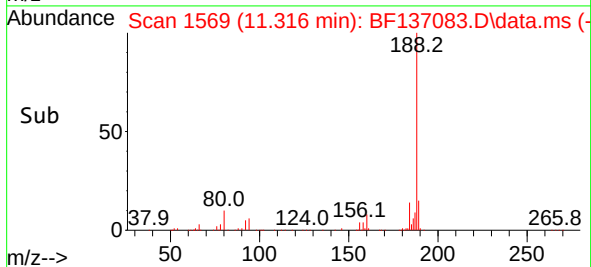
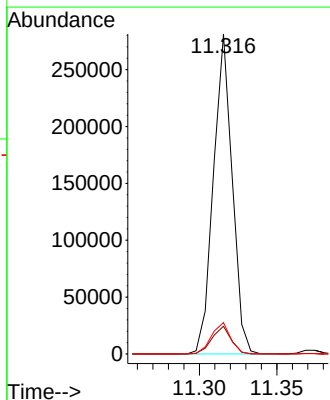
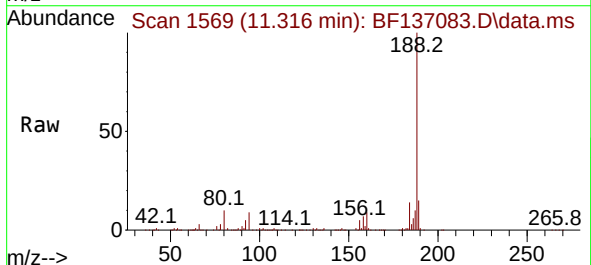
Manual Integrations
APPROVED

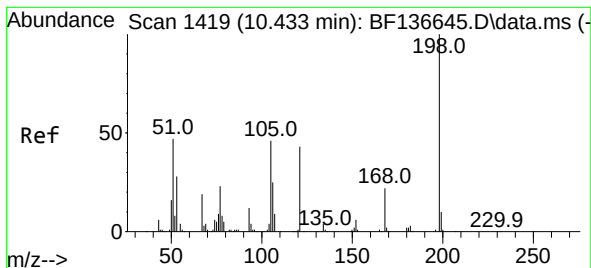
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Tgt Ion:188 Resp: 237462
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.8 8.1 12.1





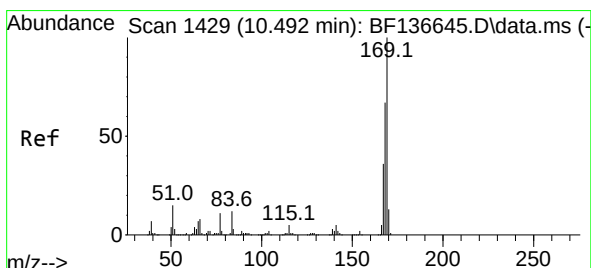
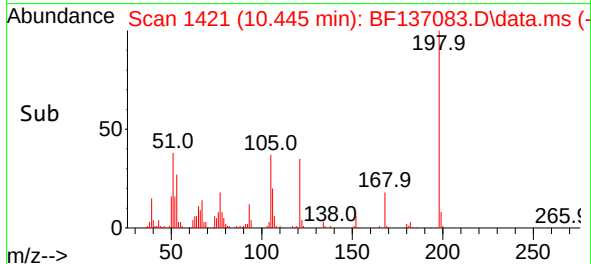
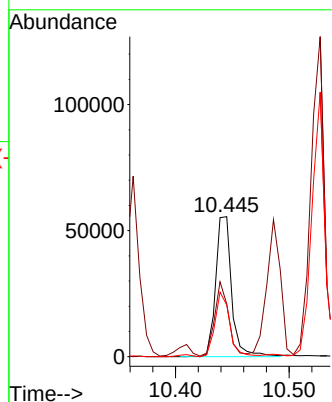
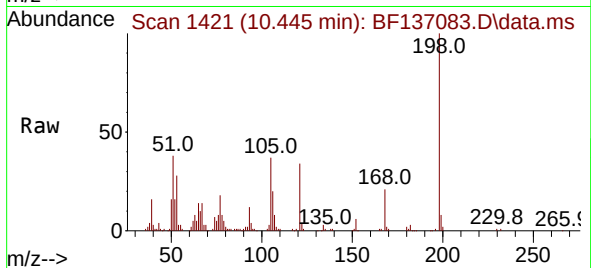
#65
4,6-Dinitro-2-methylphenol
Concen: 39.951 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :
BNA_F
ClientSampleId :
IDOC-04

Tgt Ion:198 Resp: 54369
Ion Ratio Lower Upper
198 100
51 37.6 34.1 74.1
105 36.9 27.3 67.3

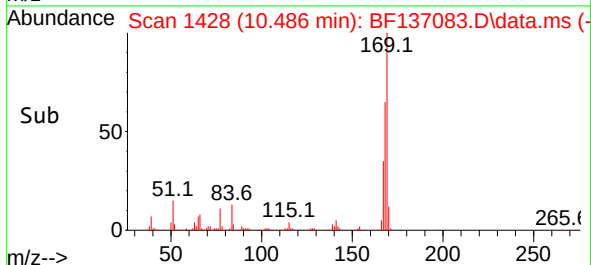
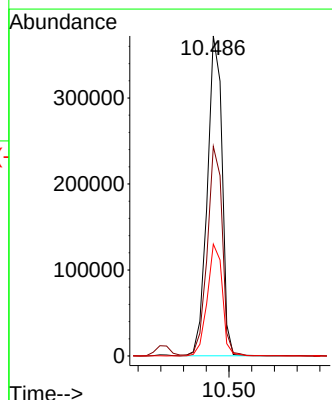
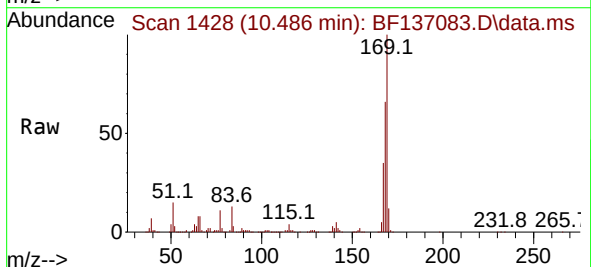
Manual Integrations
APPROVED

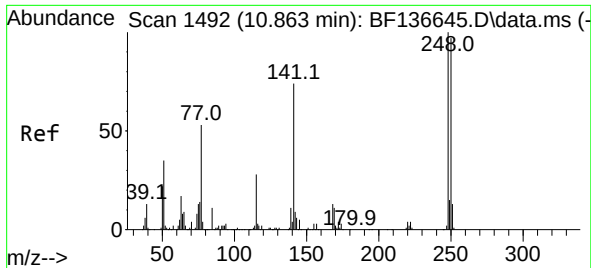
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#66
n-Nitrosodiphenylamine
Concen: 43.296 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

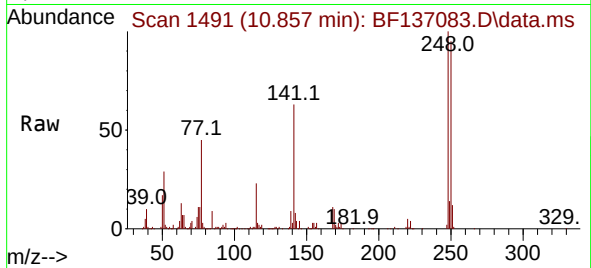
Tgt Ion:169 Resp: 333980
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 35.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.512 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

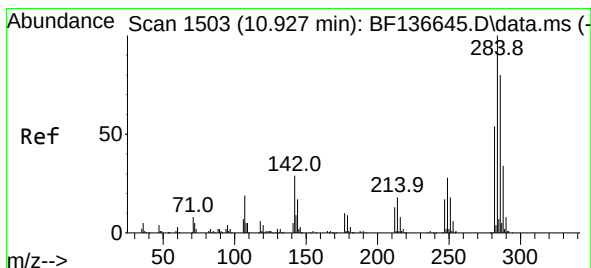
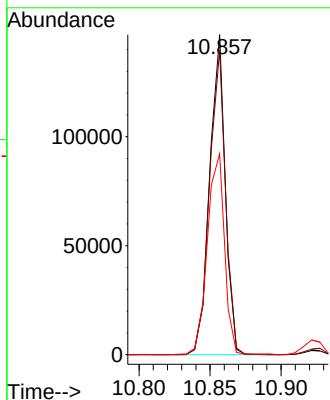
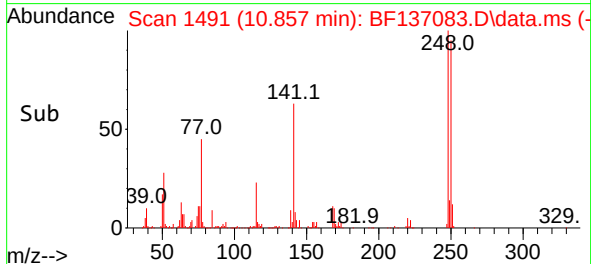
Instrument :
BNA_F
ClientSampleId :
IDOC-04



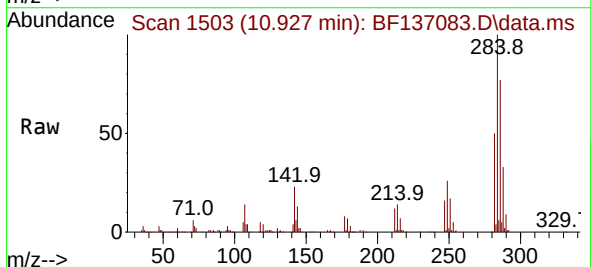
Tgt Ion:248 Resp: 112111
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.6
141 62.8 59.2 88.8

Manual Integrations
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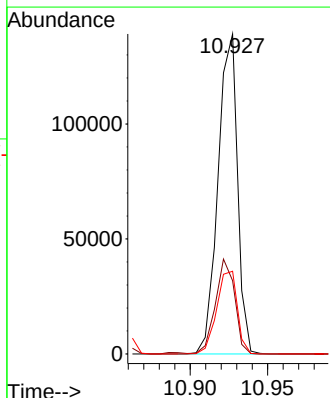
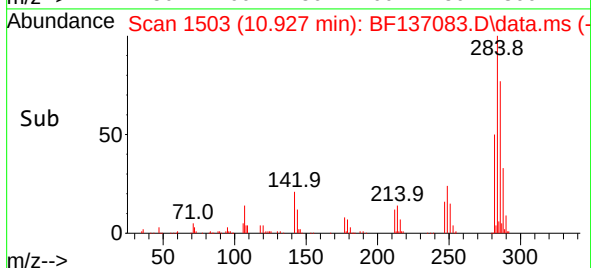
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

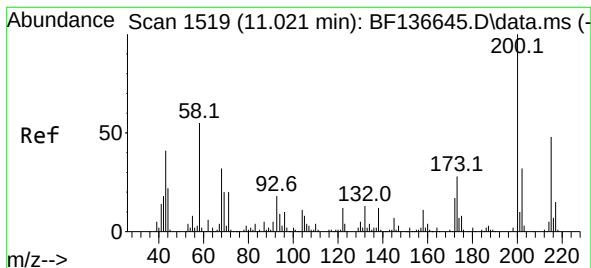


#68
Hexachlorobenzene
Concen: 41.367 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



Tgt Ion:284 Resp: 121575
Ion Ratio Lower Upper
284 100
142 22.9 23.4 35.0#
249 25.9 22.3 33.5





#69

Atrazine

Concen: 68.499 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

Tgt Ion:200 Resp: 135140

Ion Ratio Lower Upper

200 100

173 25.6 7.6 47.6

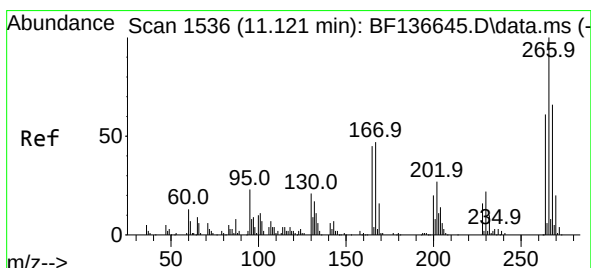
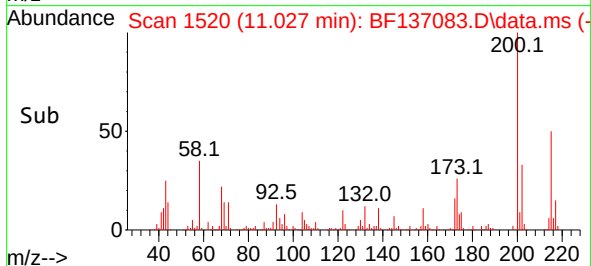
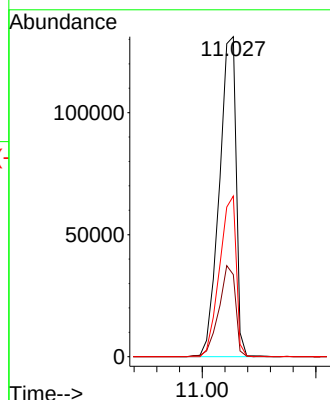
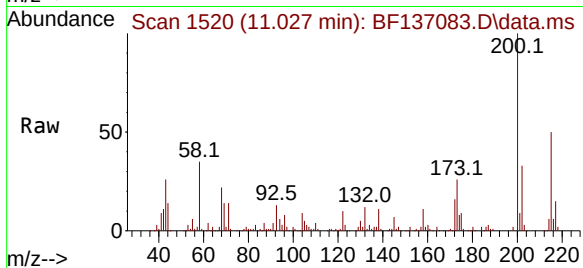
215 50.2 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#70

Pentachlorophenol

Concen: 66.261 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

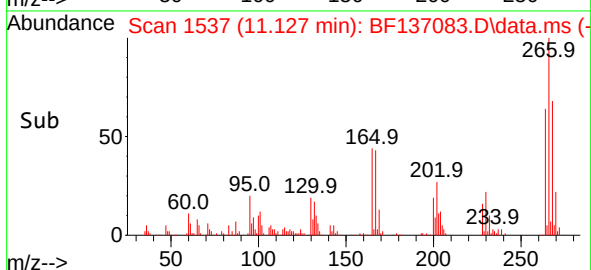
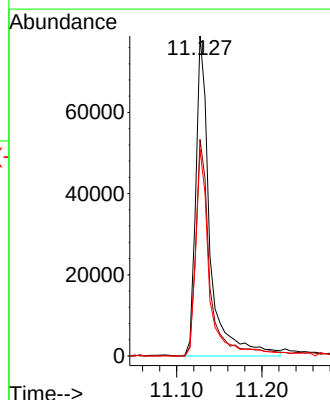
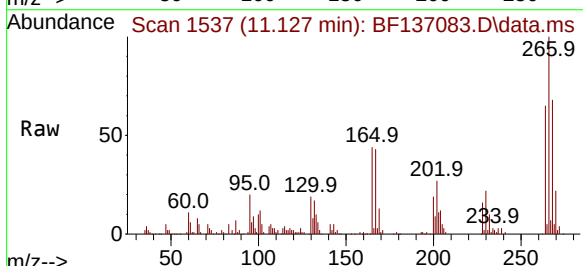
Tgt Ion:266 Resp: 90769

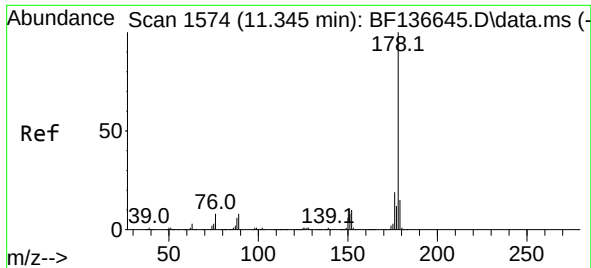
Ion Ratio Lower Upper

266 100

268 67.7 52.6 78.8

264 64.5 49.0 73.4





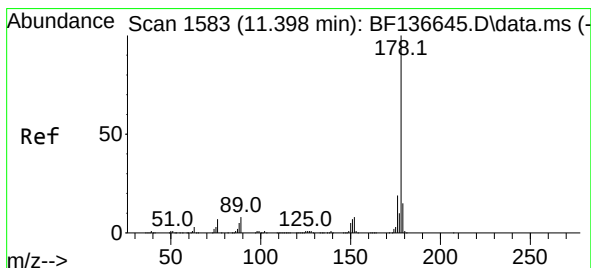
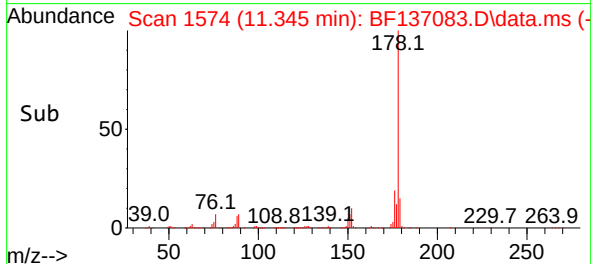
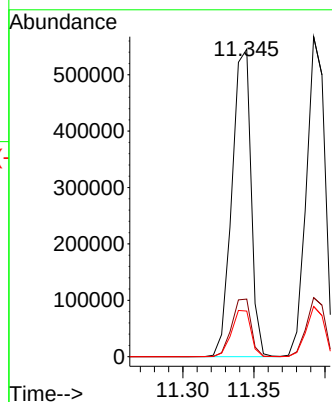
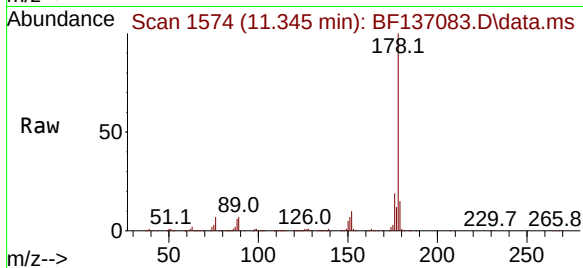
#71
Phenanthrene
Concen: 41.738 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :
BNA_F
ClientSampleId :
IDOC-04

Tgt Ion:178 Resp: 508554
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.9 11.9 17.9

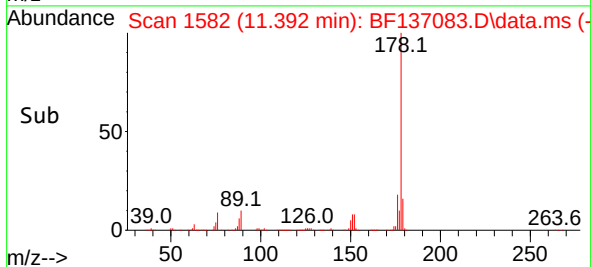
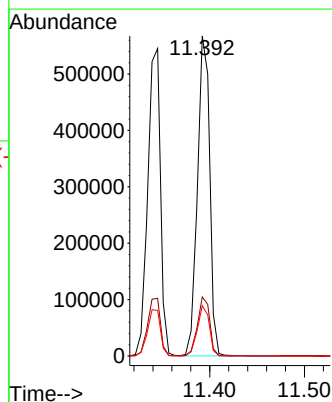
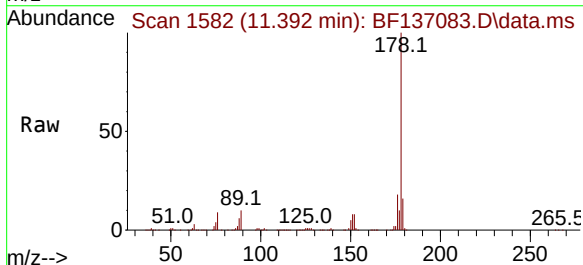
Manual Integrations
APPROVED

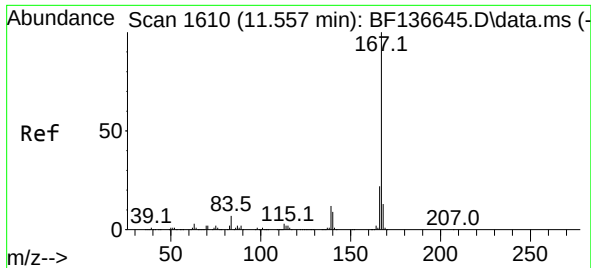
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#72
Anthracene
Concen: 41.603 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

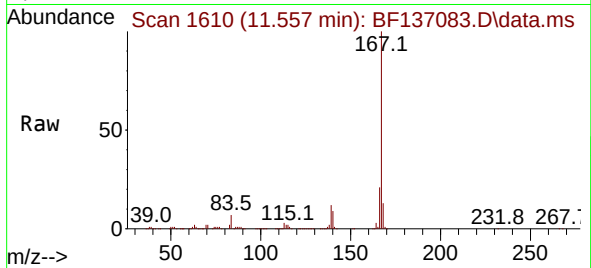
Tgt Ion:178 Resp: 513358
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.7 11.8 17.6





#73
 Carbazole
 Concen: 38.565 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF137083.D
 Acq: 16 Jan 2024 17:06

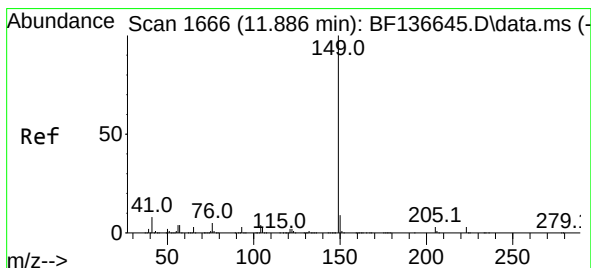
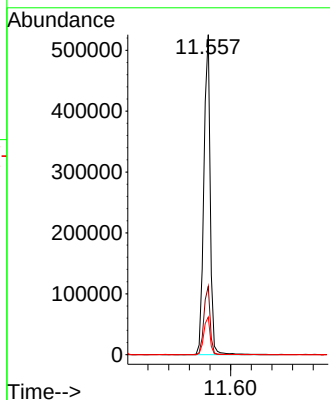
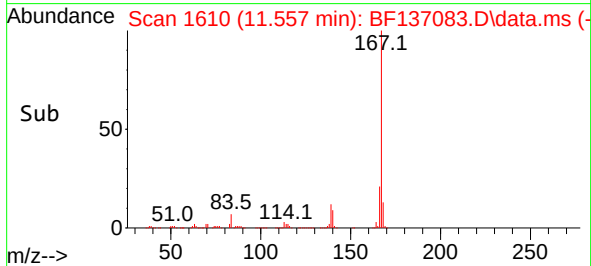
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-04



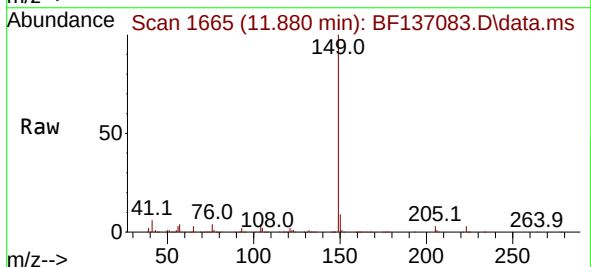
Tgt Ion:167 Resp: 44865
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 11.8 9.8 14.6

Manual Integrations
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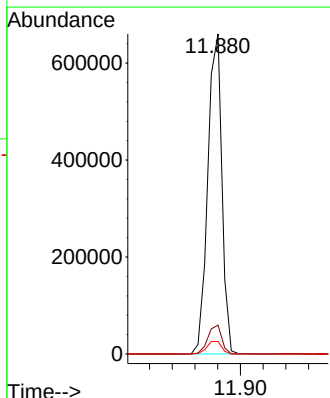
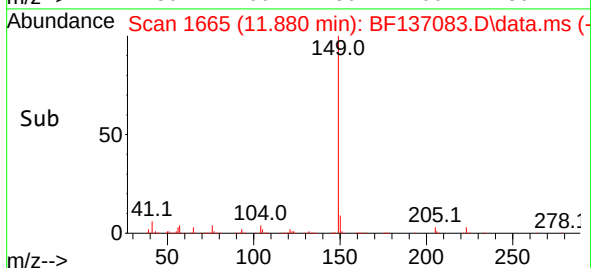
Reviewed By :Yogesh Patel 01/18/2024
 Supervised By :mohammad ahmed 01/18/2024

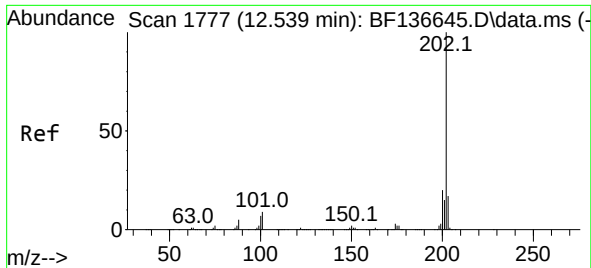


#74
 Di-n-butylphthalate
 Concen: 39.912 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137083.D
 Acq: 16 Jan 2024 17:06



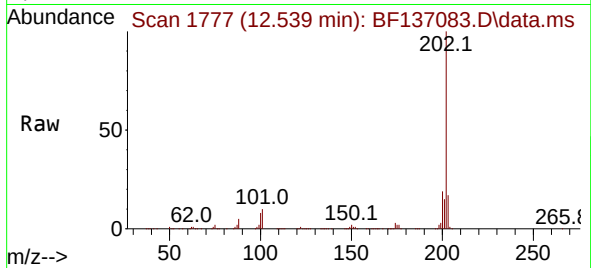
Tgt Ion:149 Resp: 566590
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 3.9 3.6 5.4





#75
Fluoranthene
Concen: 37.669 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

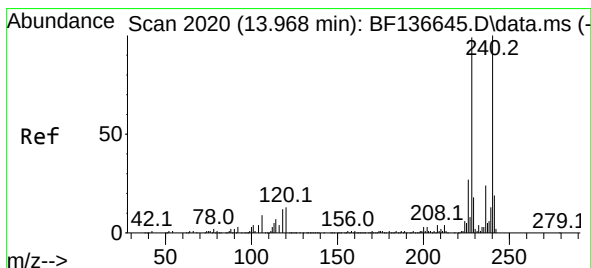
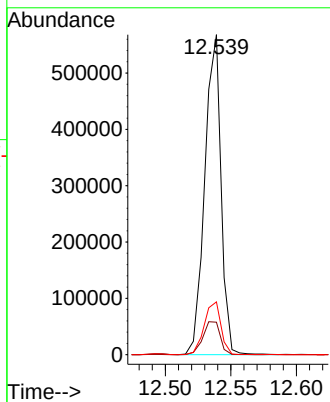
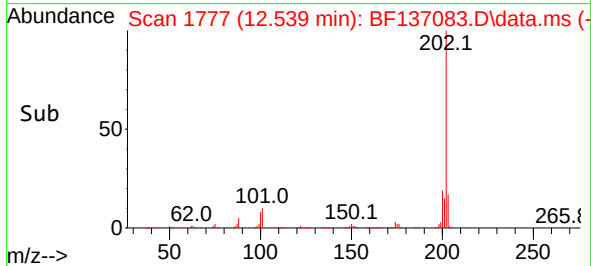
Instrument :
BNA_F
ClientSampleId :
IDOC-04



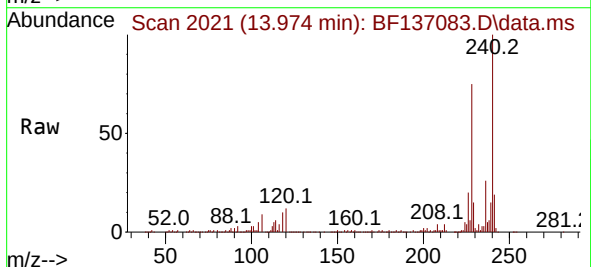
Tgt Ion:202 Resp: 490940
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.3
203 16.5 0.0 37.1

Manual Integrations
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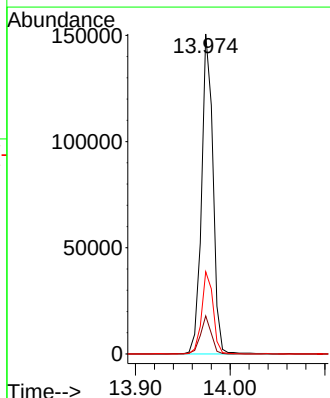
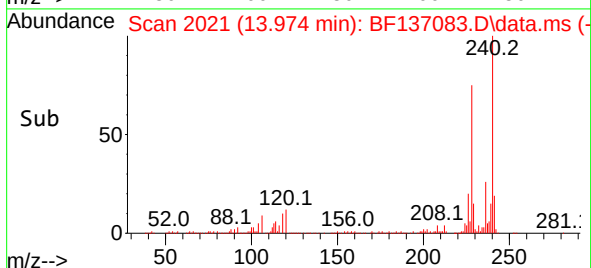
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

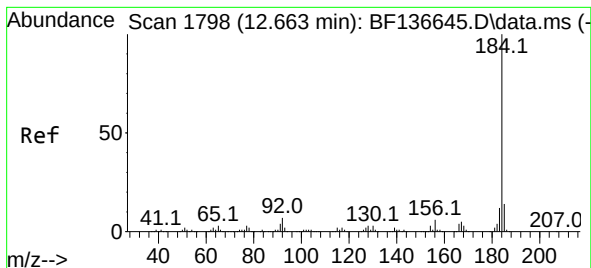


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



Tgt Ion:240 Resp: 126381
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 25.7 19.4 29.2





#77

Benzidine

Concen: 17.528 ng

RT: 12.663 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

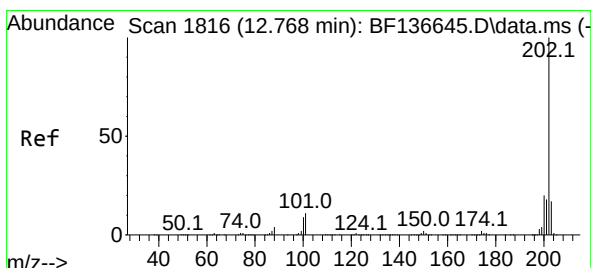
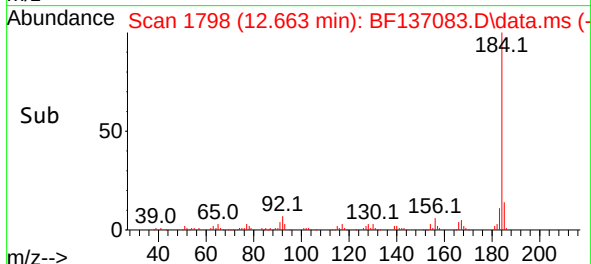
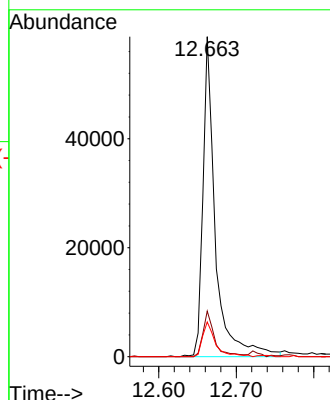
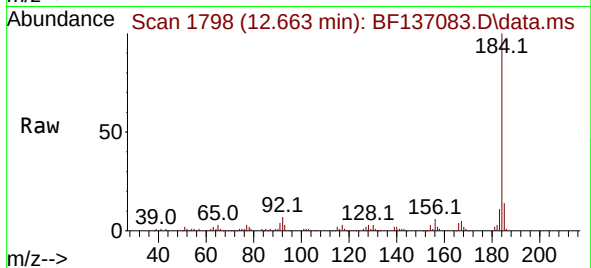
Tgt Ion:	184	Resp:	6531
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.2	16.8
183	10.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#78

Pyrene

Concen: 38.738 ng

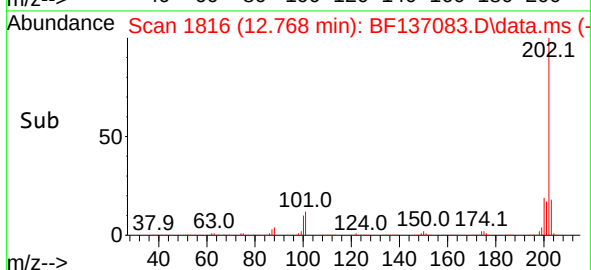
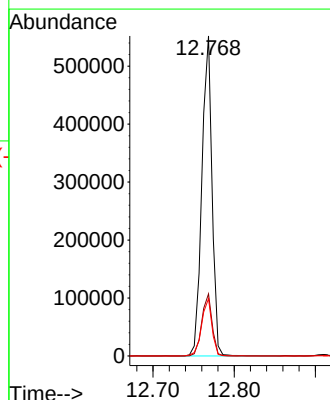
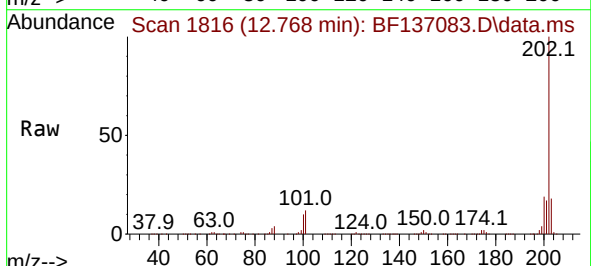
RT: 12.768 min Scan# 1816

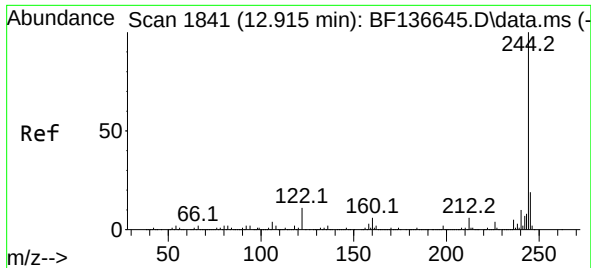
Delta R.T. -0.000 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

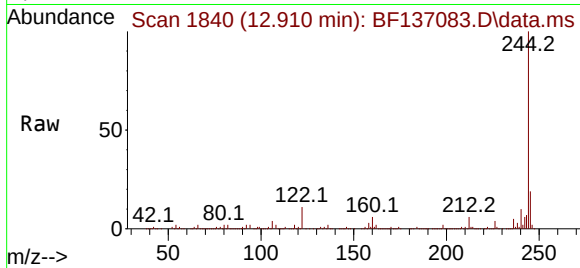
Tgt Ion:	202	Resp:	480604
Ion Ratio	Lower	Upper	
202	100		
200	19.4	15.9	23.9
203	17.9	13.8	20.6





#79
Terphenyl-d14
Concen: 78.140 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

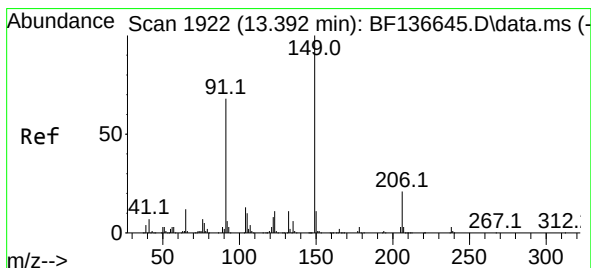
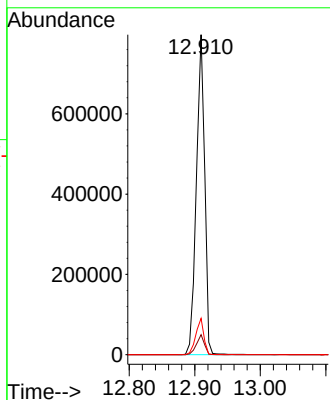
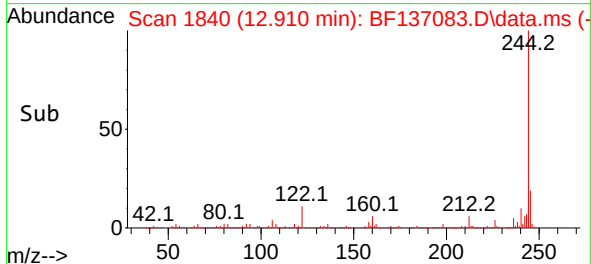
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:244 Resp: 706662
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.3 9.0 13.4

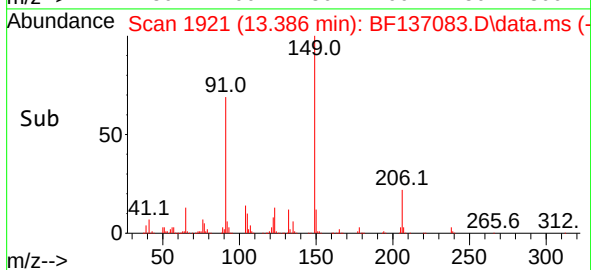
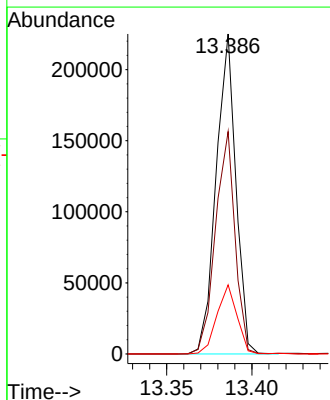
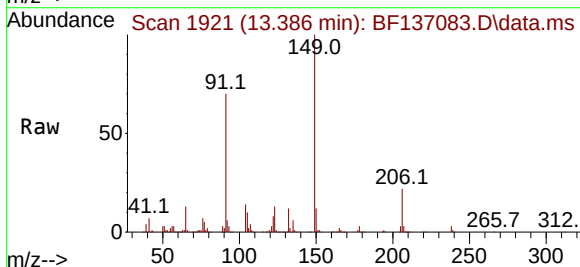
Manual Integrations
APPROVED

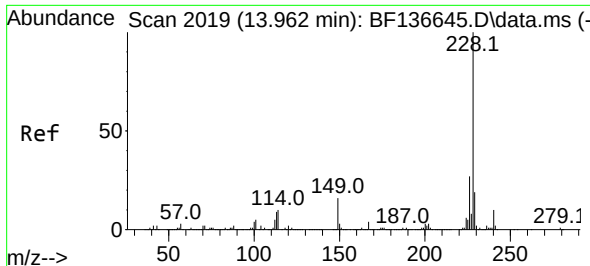
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#80
Butylbenzylphthalate
Concen: 40.303 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Tgt Ion:149 Resp: 181940
Ion Ratio Lower Upper
149 100
91 69.5 54.1 81.1
206 21.6 17.1 25.7





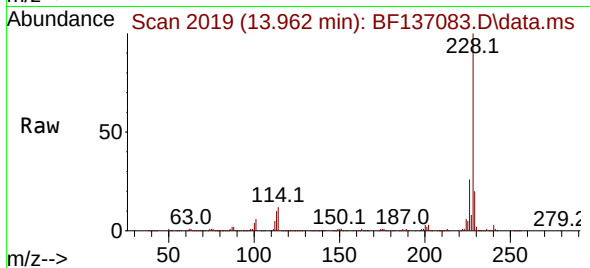
#81
Benzo(a)anthracene
Concen: 42.094 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04



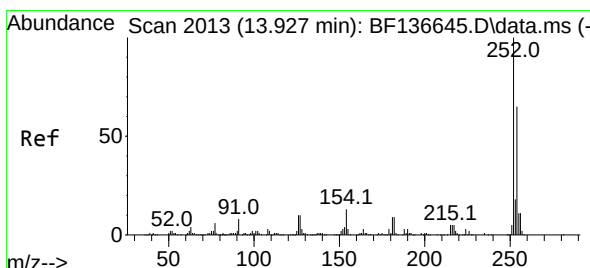
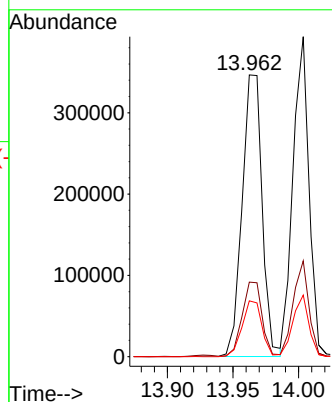
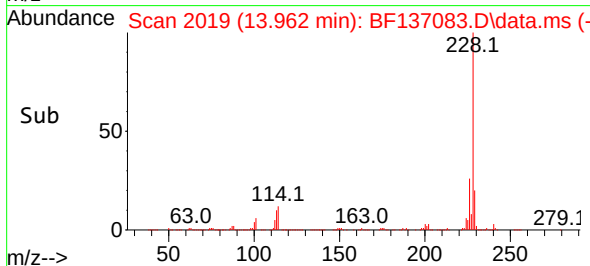
Tgt Ion:228 Resp: 36940
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.8 14.9 22.3

Manual Integrations

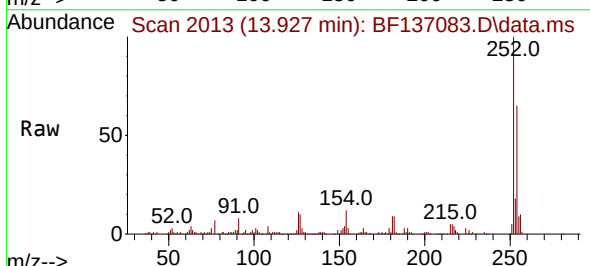
APPROVED

Reviewed By :Yogesh Patel 01/18/2024

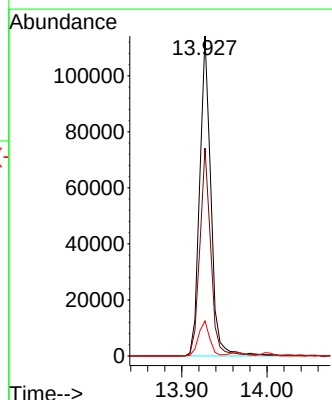
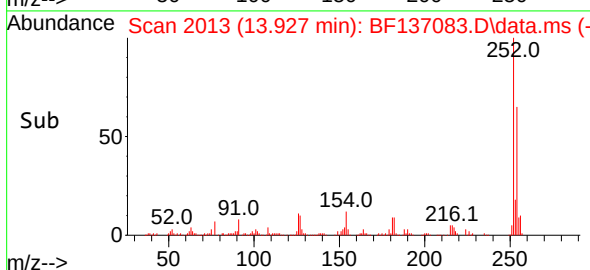
Supervised By :mohammad ahmed 01/18/2024

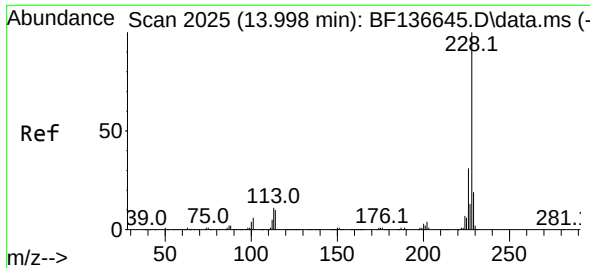


#82
3,3'-Dichlorobenzidine
Concen: 41.823 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06



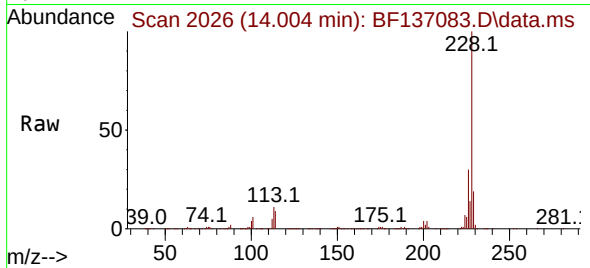
Tgt Ion:252 Resp: 104233
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.4
126 10.9 8.0 12.0





#83
Chrysene
Concen: 39.260 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

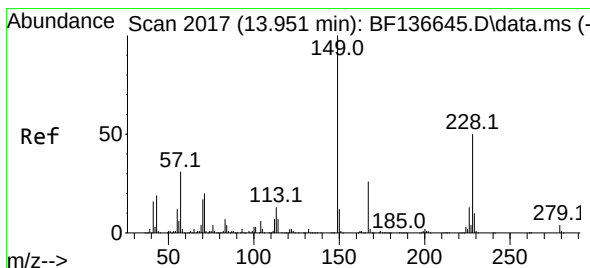
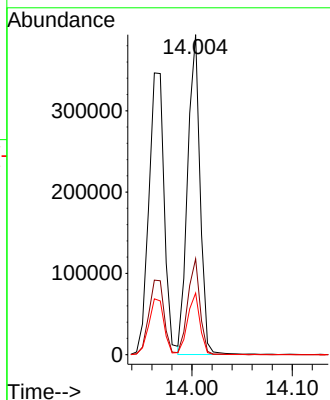
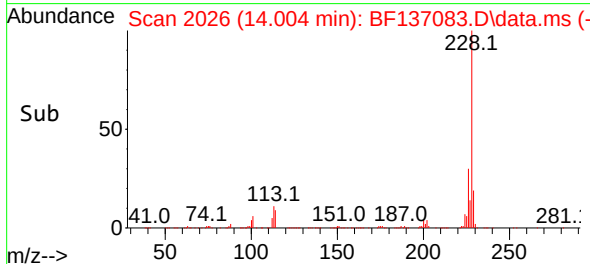
Instrument :
BNA_F
ClientSampleId :
IDOC-04



Tgt Ion:228 Resp: 336917
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 19.3 15.4 23.0

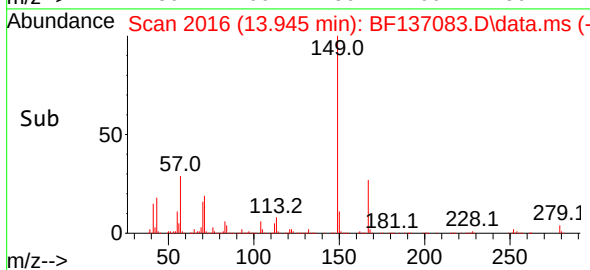
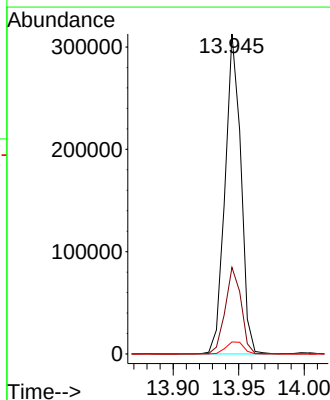
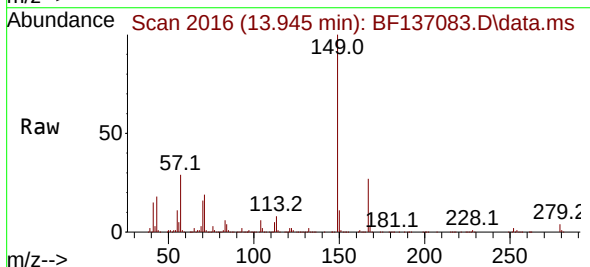
Manual Integrations
APPROVED

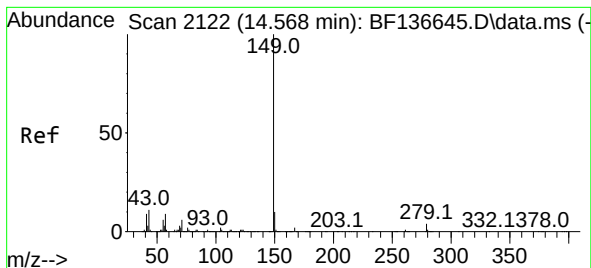
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.058 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF137083.D
Acq: 16 Jan 2024 17:06

Tgt Ion:149 Resp: 261601
Ion Ratio Lower Upper
149 100
167 27.0 20.9 31.3
279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.379 ng

RT: 14.562 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

Tgt Ion:149 Resp: 41626

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

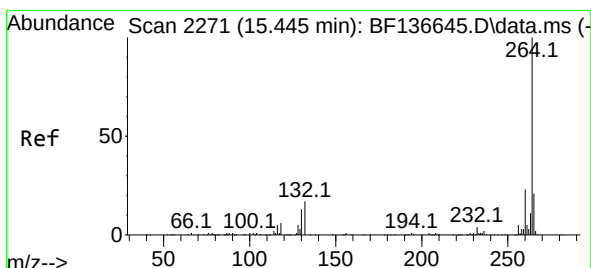
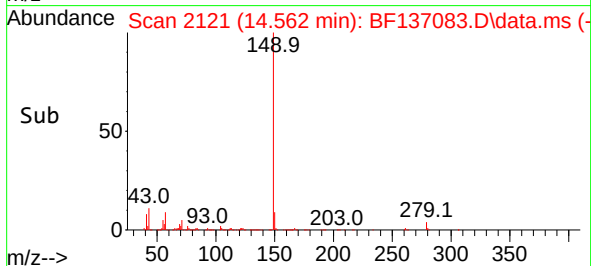
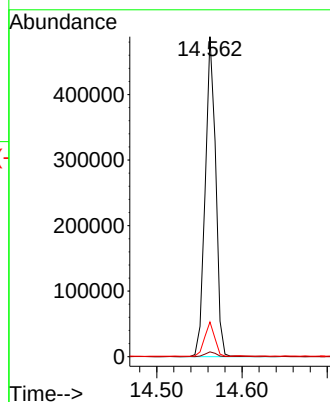
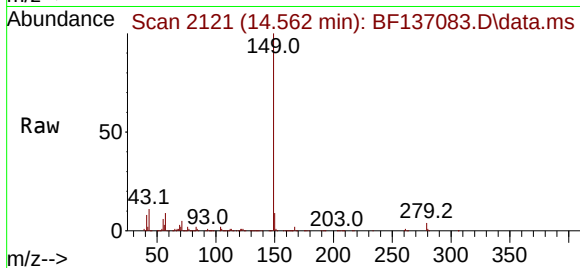
43 10.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

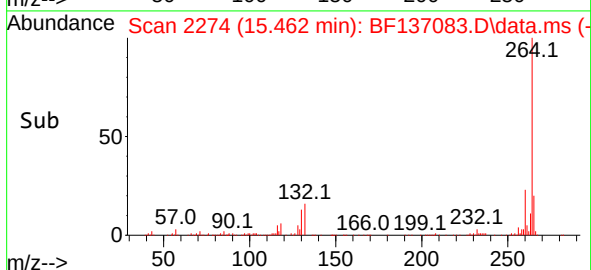
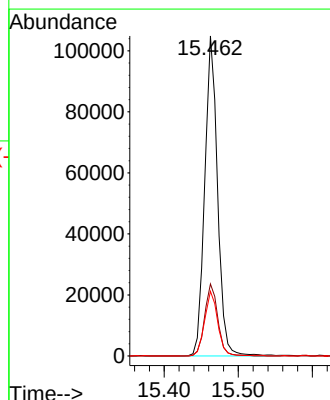
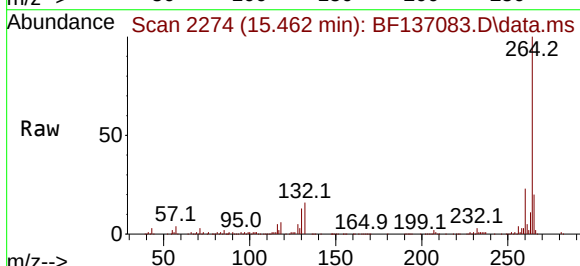
Tgt Ion:264 Resp: 126153

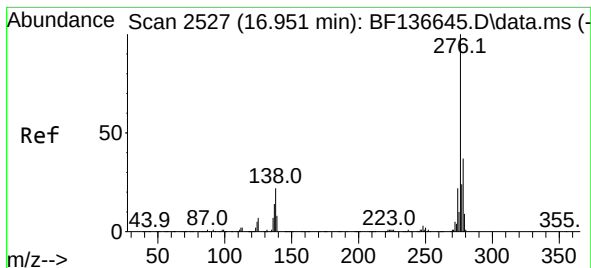
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 20.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.579 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

Tgt Ion:276 Resp: 44248

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

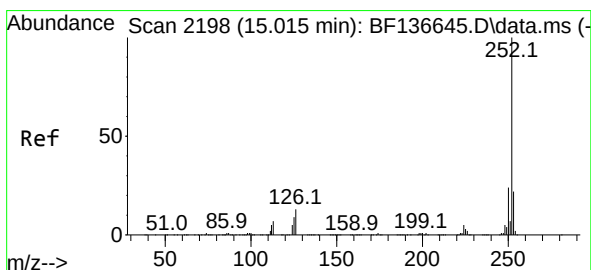
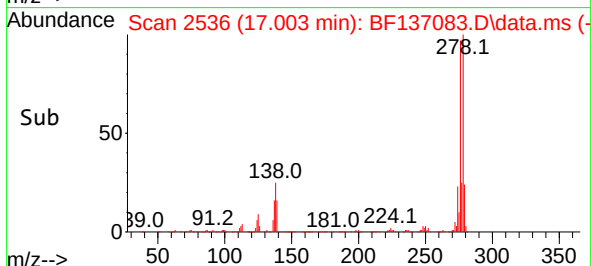
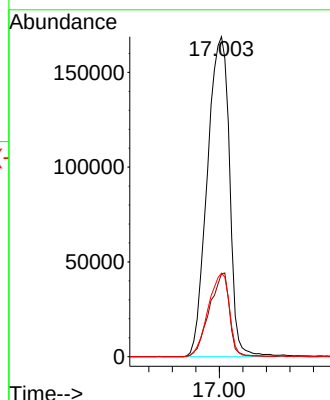
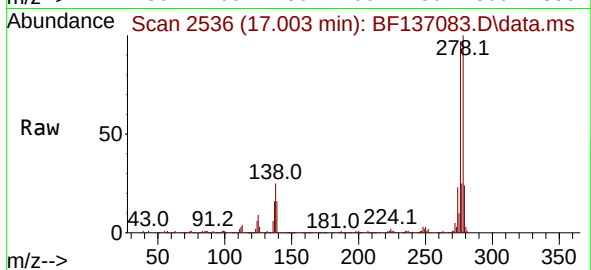
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#88

Benzo(b)fluoranthene

Concen: 43.887 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

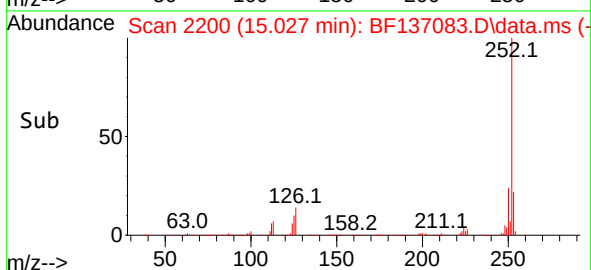
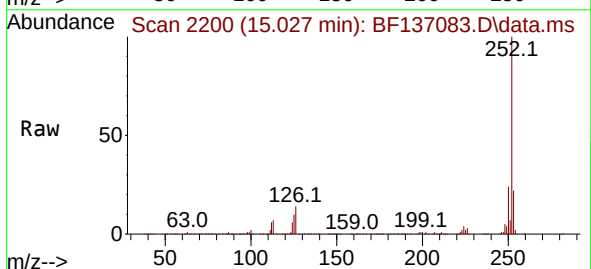
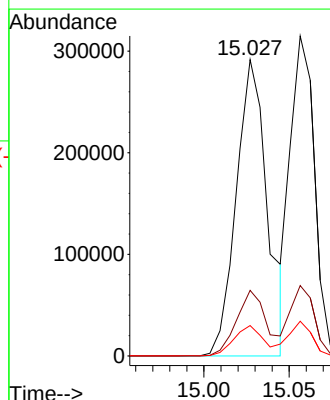
Tgt Ion:252 Resp: 369790

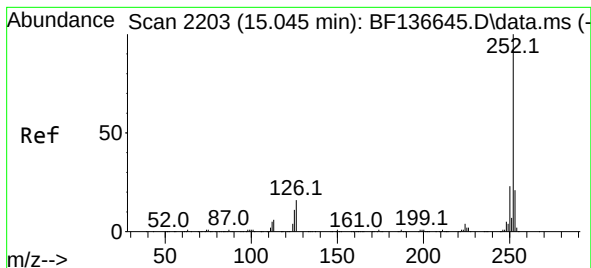
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.539 ng

RT: 15.056 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

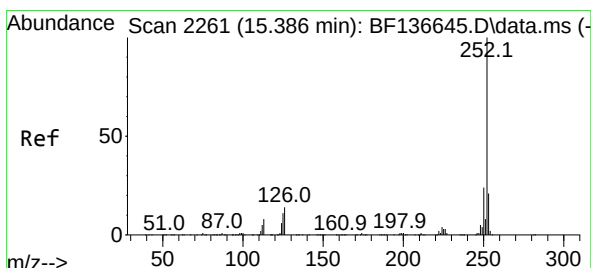
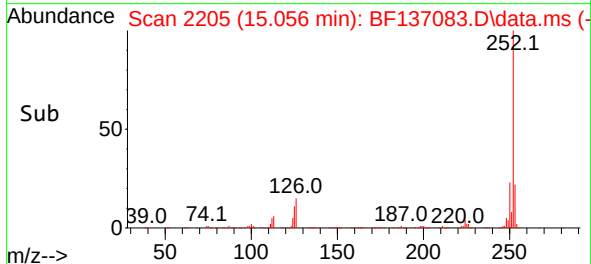
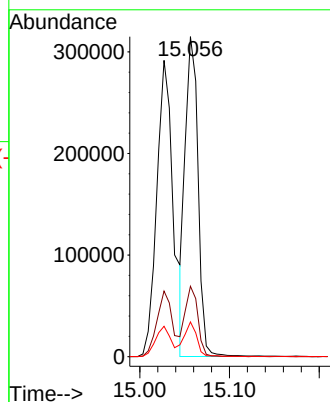
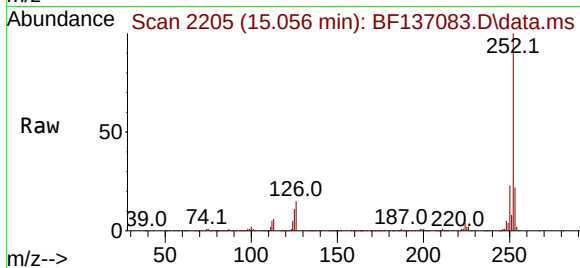
Tgt Ion:252 Resp: 314794
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.6
 125 10.9 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#90

Benzo(a)pyrene

Concen: 42.818 ng

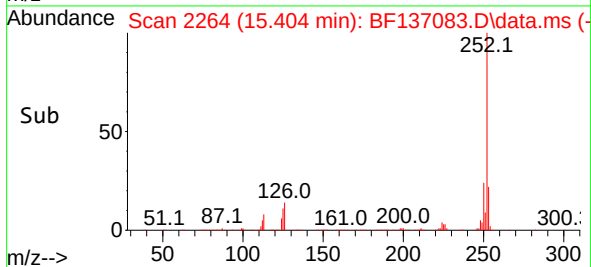
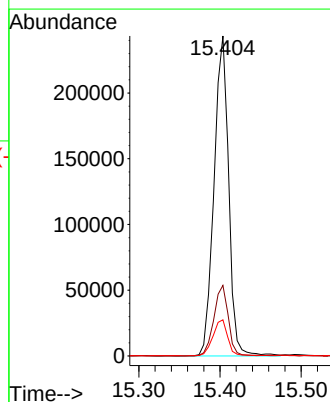
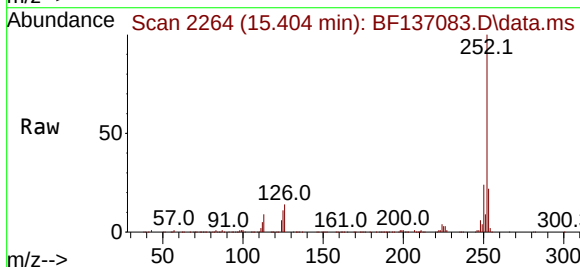
RT: 15.404 min Scan# 2264

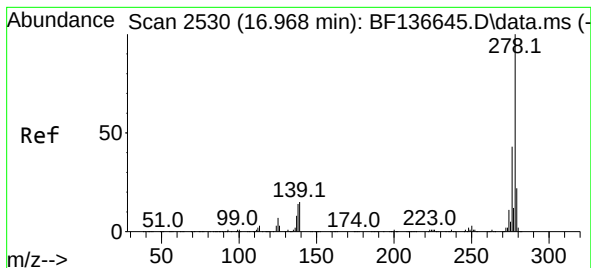
Delta R.T. 0.018 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Tgt Ion:252 Resp: 304538
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.461 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

IDOC-04

Tgt Ion:278 Resp: 377070

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

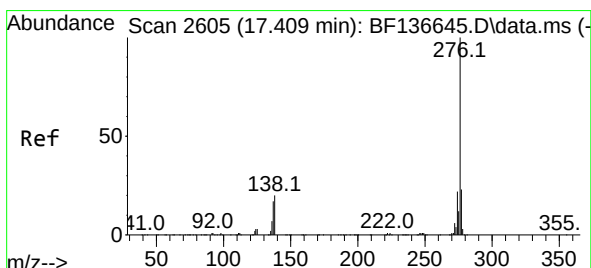
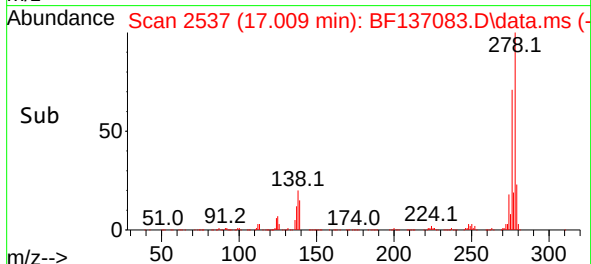
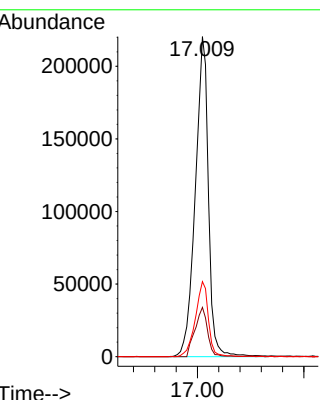
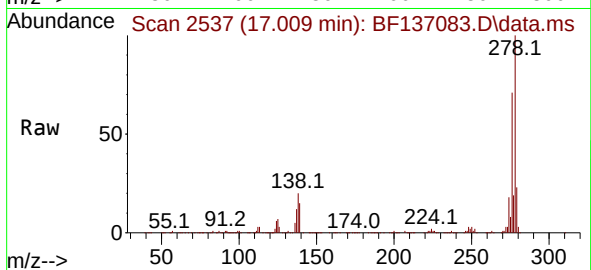
279 23.5 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/18/2024

Supervised By :mohammad ahmed 01/18/2024



#92

Benzo(g,h,i)perylene

Concen: 49.350 ng

RT: 17.462 min Scan# 2614

Delta R.T. 0.053 min

Lab File: BF137083.D

Acq: 16 Jan 2024 17:06

Tgt Ion:276 Resp: 377696

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 19.7 15.6 23.4

