

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139692.D
 Acq On : 07 Oct 2024 17:59
 Operator : RC/JU
 Sample : P4290-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 18:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90675	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	344947	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	202594	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	387701	20.000	ng	0.00
76) Chrysene-d12	14.033	240	209779	20.000	ng	0.00
86) Perylene-d12	15.498	264	190896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	500766	95.721	ng	0.00
7) Phenol-d6	6.504	99	678023	96.375	ng	0.00
23) Nitrobenzene-d5	7.428	82	445033	65.321	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190239	97.273	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	856823	64.927	ng	0.00
79) Terphenyl-d14	12.974	244	961754	75.226	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	104820	46.344	ng	99
3) Pyridine	3.463	79	239758	43.586	ng	97
4) n-Nitrosodimethylamine	3.422	42	167715	46.579	ng	96
6) Aniline	6.528	93	259699	41.599	ng	# 83
8) 2-Chlorophenol	6.651	128	271667	48.469	ng	99
9) Benzaldehyde	6.416	77	88574	23.767	ng	98
10) Phenol	6.516	94	360947	48.792	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	268088	44.509	ng	99
12) 1,3-Dichlorobenzene	6.804	146	283427	44.950	ng	99
13) 1,4-Dichlorobenzene	6.881	146	285645	44.729	ng	100
14) 1,2-Dichlorobenzene	7.034	146	272892	45.595	ng	99
15) Benzyl Alcohol	7.010	79	255377	47.509	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	476099	45.659	ng	94
17) 2-Methylphenol	7.122	107	220414	47.105	ng	99
18) Hexachloroethane	7.375	117	107113	44.968	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	202945	44.869	ng	100
20) 3+4-Methylphenols	7.275	107	278278	47.348	ng	98
22) Acetophenone	7.275	105	373647	45.634	ng	97
24) Nitrobenzene	7.451	77	316189	44.818	ng	99
25) Isophorone	7.686	82	558615	46.163	ng	100
26) 2-Nitrophenol	7.763	139	148519	48.969	ng	99
27) 2,4-Dimethylphenol	7.804	122	214154m	57.679	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	326223	45.147	ng	100
29) 2,4-Dichlorophenol	8.010	162	231244	47.750	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	239507	43.731	ng	99
31) Naphthalene	8.169	128	811223	45.996	ng	100
32) Benzoic acid	7.928	122	163370	44.251	ng	98
33) 4-Chloroaniline	8.222	127	74733	12.518	ng	98
34) Hexachlorobutadiene	8.281	225	154893	43.703	ng	99
35) Caprolactam	8.592	113	79661m	50.151	ng	
36) 4-Chloro-3-methylphenol	8.710	107	264194	48.192	ng	99
37) 2-Methylnaphthalene	8.863	142	533785	46.470	ng	100
38) 1-Methylnaphthalene	8.963	142	500347	44.563	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	246569	43.829	ng	98
41) Hexachlorocyclopentadiene	9.010	237	267990	155.356	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	177486	46.799	ng	99

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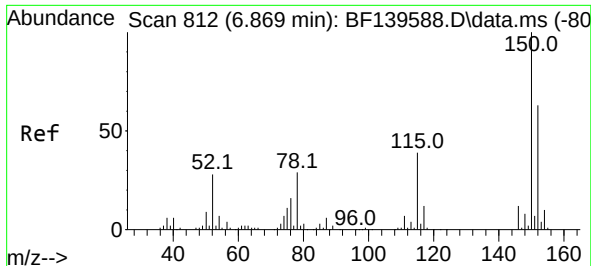
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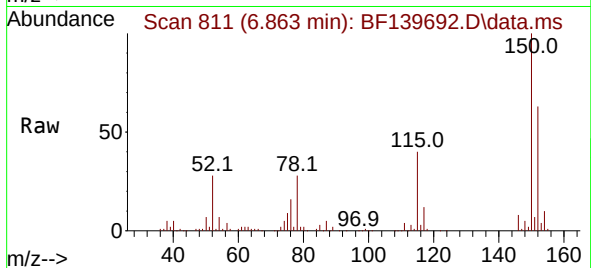
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	183417	44.847	ng	99
46) 1,1'-Biphenyl	9.328	154	660438	43.830	ng	99
47) 2-Chloronaphthalene	9.351	162	500477	44.305	ng	99
48) 2-Nitroaniline	9.451	65	193908	47.819	ng	97
49) Acenaphthylene	9.769	152	836474	48.691	ng	100
50) Dimethylphthalate	9.628	163	621501	46.863	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136927	45.706	ng	94
52) Acenaphthene	9.939	154	599450m	50.829	ng	
53) 3-Nitroaniline	9.863	138	91483	29.882	ng	94
54) 2,4-Dinitrophenol	9.975	184	161839	100.437	ng	95
55) Dibenzofuran	10.110	168	764648	46.307	ng	100
56) 4-Nitrophenol	10.033	139	215420	92.271	ng	95
57) 2,4-Dinitrotoluene	10.098	165	187625	47.914	ng	98
58) Fluorene	10.451	166	601612	45.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	159843	48.389	ng	98
60) Diethylphthalate	10.328	149	630182	46.005	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	290305	44.121	ng	97
62) 4-Nitroaniline	10.480	138	146517	46.788	ng	98
63) Azobenzene	10.604	77	734265	53.302	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	108755	49.667	ng	100
66) n-Nitrosodiphenylamine	10.563	169	529652	46.347	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	175896	44.249	ng	97
68) Hexachlorobenzene	10.998	284	200432	45.439	ng	98
69) Atrazine	11.092	200	175170	57.130	ng	99
70) Pentachlorophenol	11.198	266	224693	85.548	ng	99
71) Phenanthrene	11.416	178	880058	48.142	ng	100
72) Anthracene	11.469	178	897314	49.617	ng	100
73) Carbazole	11.622	167	819449	47.177	ng	100
74) Di-n-butylphthalate	11.951	149	986144	46.688	ng	99
75) Fluoranthene	12.604	202	925465	46.312	ng	100
77) Benzidine	12.727	184	79363	21.448	ng	99
78) Pyrene	12.833	202	942252	50.220	ng	99
80) Butylbenzylphthalate	13.445	149	357634	53.289	ng	99
81) Benzo(a)anthracene	14.021	228	667653	48.408	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	142337	33.721	ng	100
83) Chrysene	14.057	228	607979	48.216	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	442347	52.785	ng	100
85) Di-n-octyl phthalate	14.615	149	619107	50.287	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	602939	53.663	ng	99
88) Benzo(b)fluoranthene	15.068	252	553536	44.846	ng	99
89) Benzo(k)fluoranthene	15.098	252	480692	45.910	ng	100
90) Benzo(a)pyrene	15.439	252	492854	50.640	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	490785	52.665	ng	99
92) Benzo(g,h,i)perylene	17.427	276	460591	49.282	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

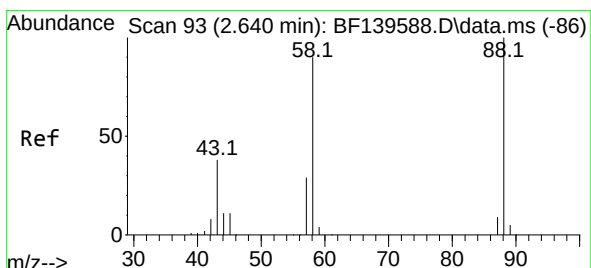
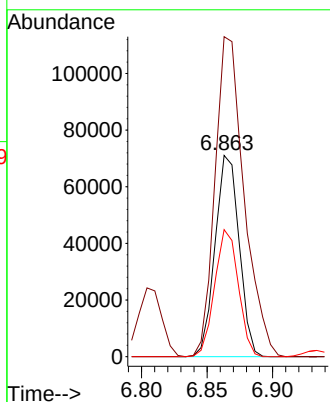
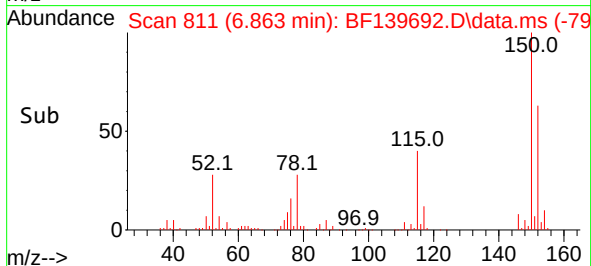
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:152 Resp: 90675
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 63.1 49.0 73.4

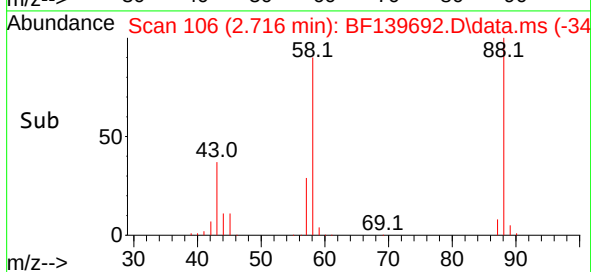
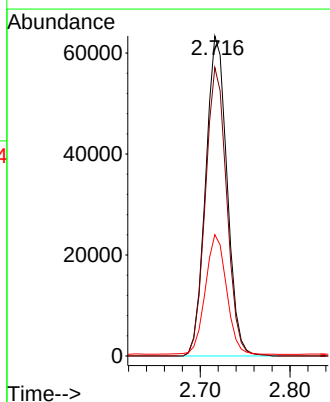
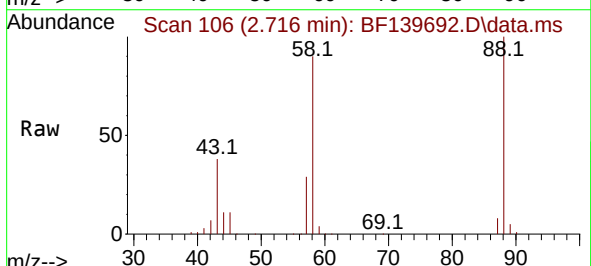
Manual Integrations
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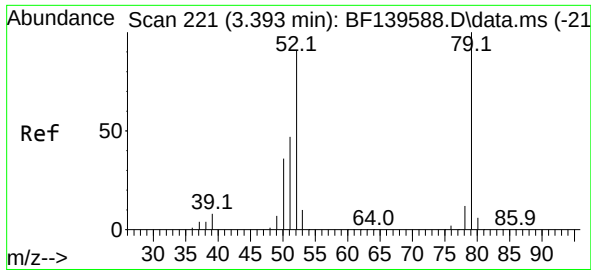
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#2
1,4-Dioxane
Concen: 46.344 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

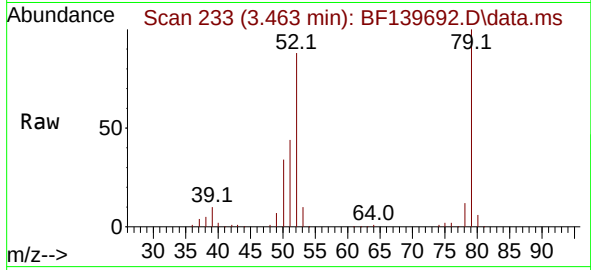
Tgt Ion: 88 Resp: 104820
Ion Ratio Lower Upper
88 100
58 89.9 72.0 108.0
43 37.2 30.8 46.2





#3
Pyridine
Concen: 43.586 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

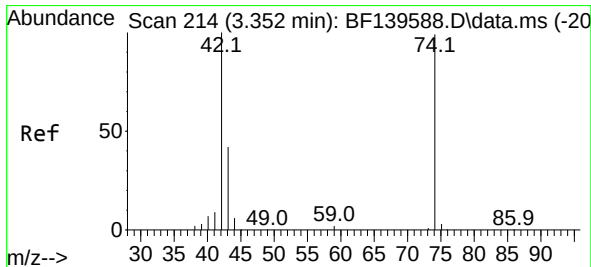
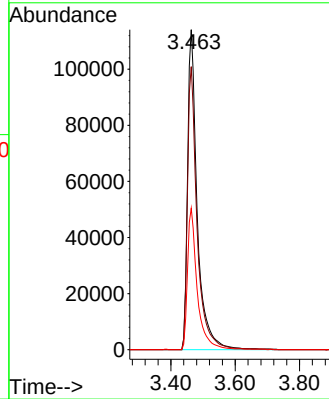
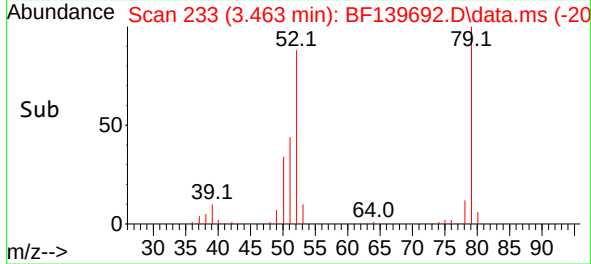
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion: 79 Resp: 239758
Ion Ratio Lower Upper
79 100
52 88.5 72.6 109.0
51 44.2 37.5 56.3

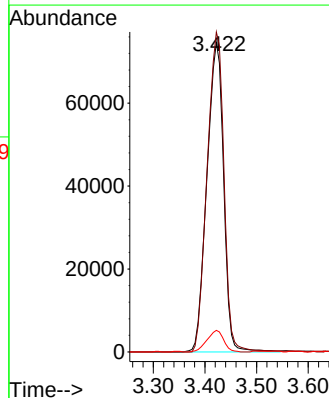
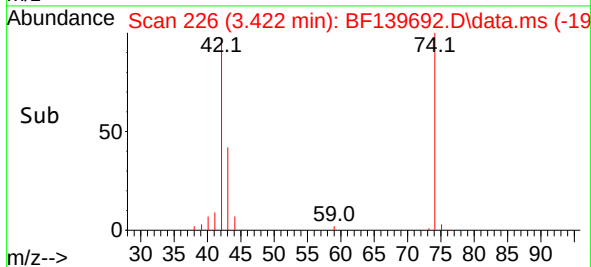
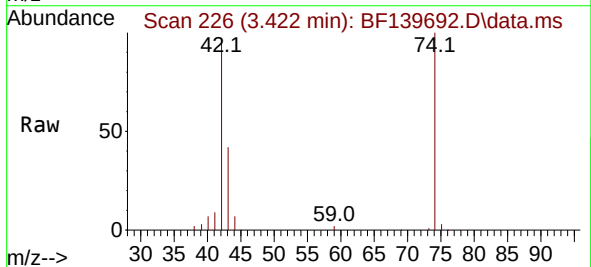
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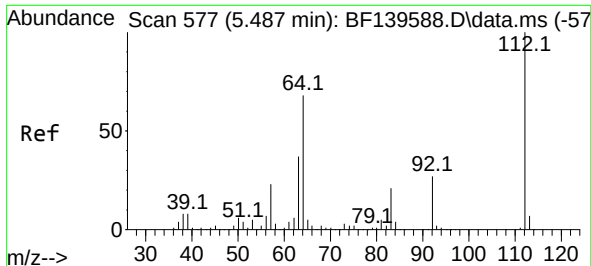
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#4
n-Nitrosodimethylamine
Concen: 46.579 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.070 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 42 Resp: 167715
Ion Ratio Lower Upper
42 100
74 103.4 79.0 118.6
44 7.0 5.2 7.8





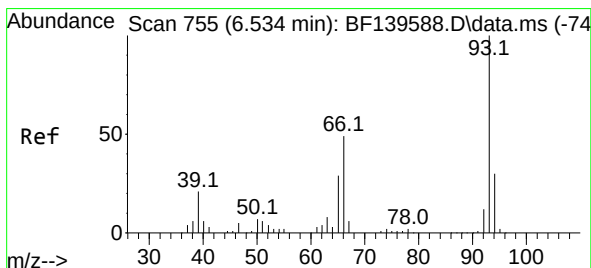
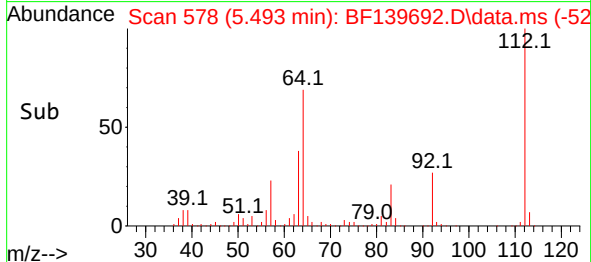
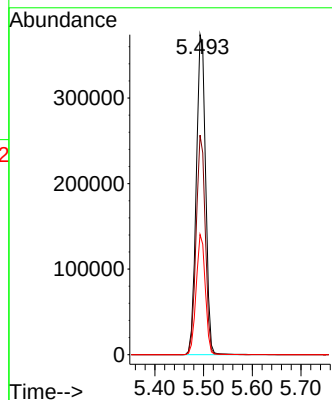
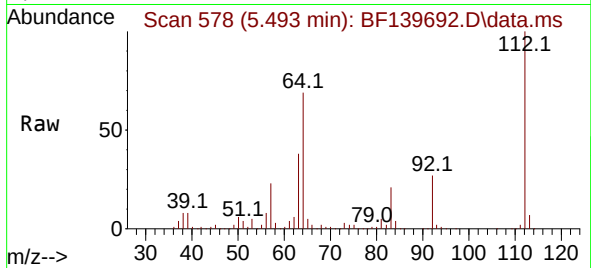
#5
2-Fluorophenol
Concen: 95.721 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:112 Resp: 500760
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.5 29.4 44.2

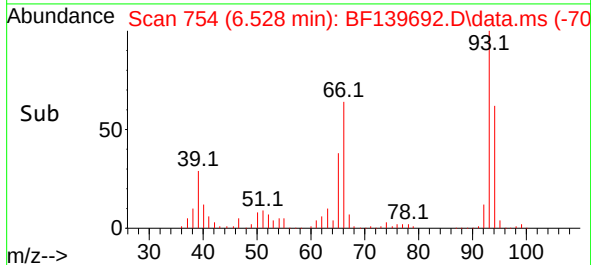
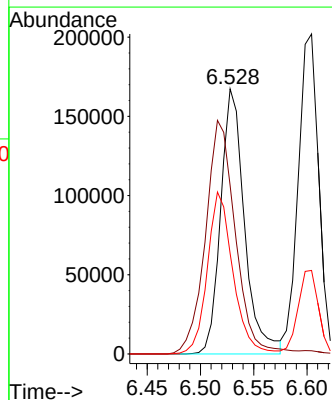
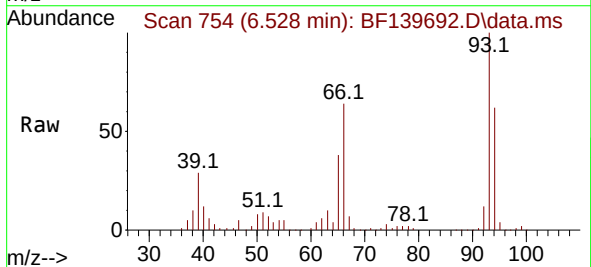
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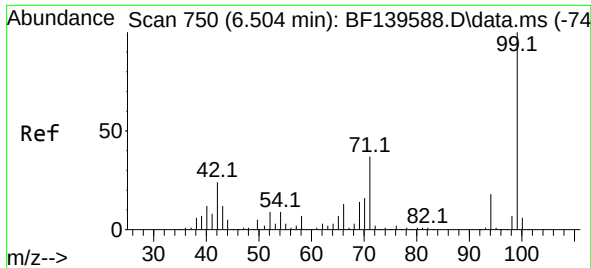
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#6
Aniline
Concen: 41.599 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

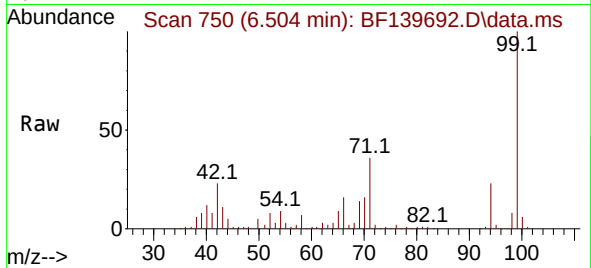
Tgt Ion: 93 Resp: 259699
Ion Ratio Lower Upper
93 100
66 63.6 40.9 61.3#
65 37.9 23.3 34.9#





#7
Phenol-d6
Concen: 96.375 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

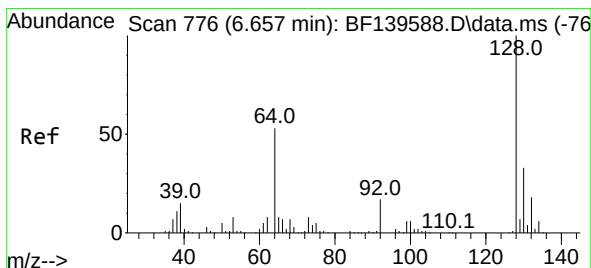
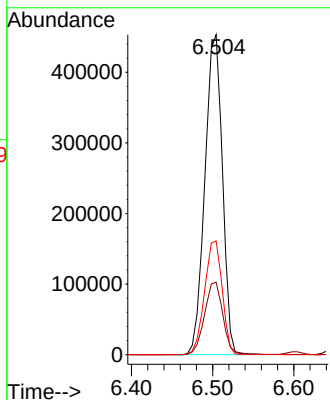
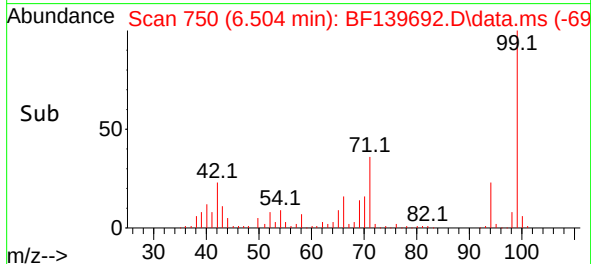
Instrument :
BNA_F
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IB-4MS



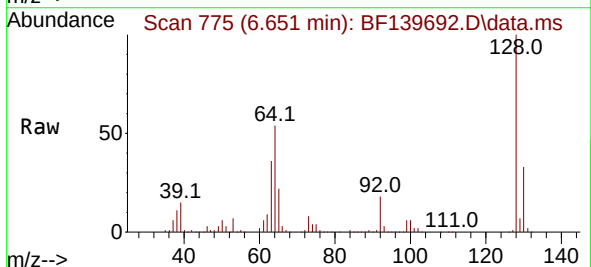
Tgt Ion: 99 Resp: 67802
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 35.5 29.7 44.5

Manual Integrations
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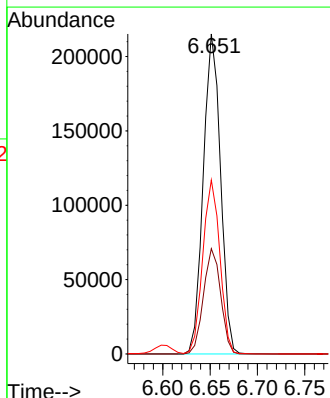
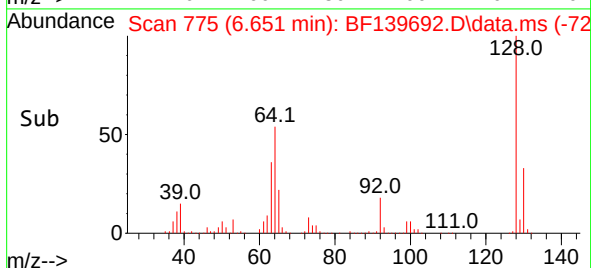
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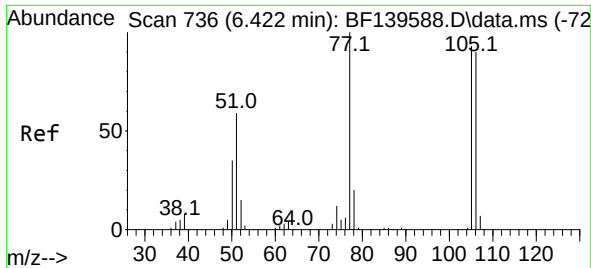


#8
2-Chlorophenol
Concen: 48.469 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



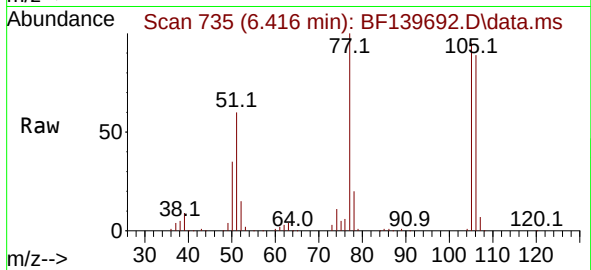
Tgt Ion:128 Resp: 271667
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 54.3 35.1 75.1





#9
Benzaldehyde
Concen: 23.767 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

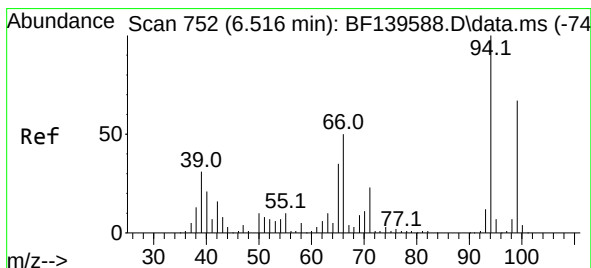
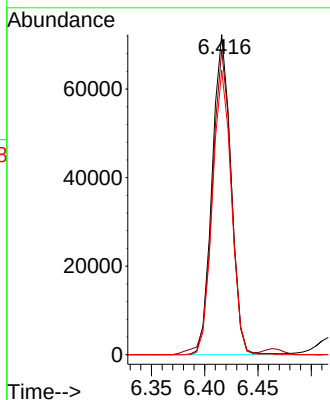
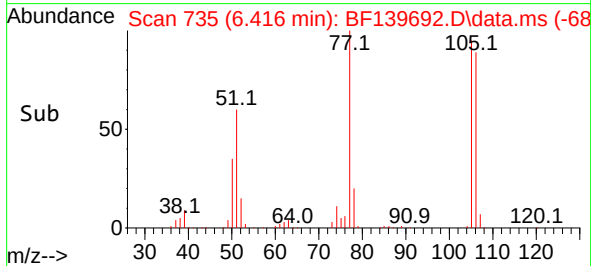
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion: 77 Resp: 88574
Ion Ratio Lower Upper
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105 95.1 72.7 112.7
106 88.9 70.1 110.1

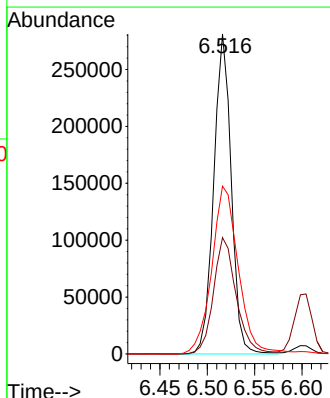
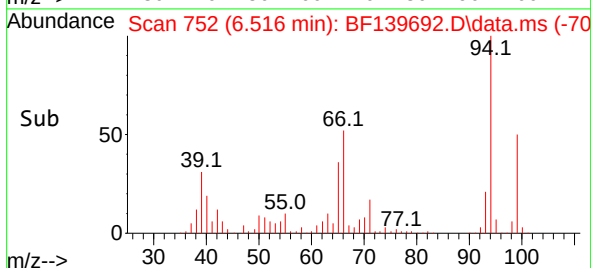
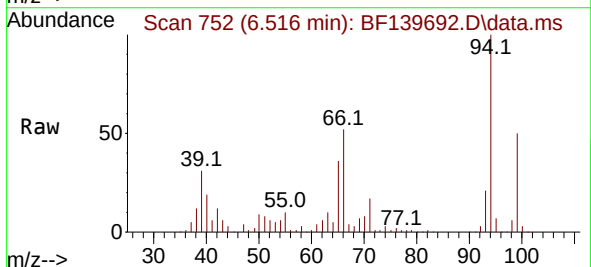
Manual Integrations
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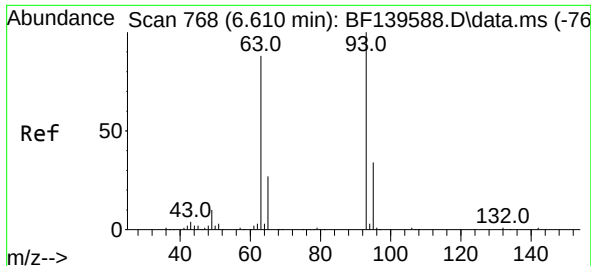
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#10
Phenol
Concen: 48.792 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 94 Resp: 360947
Ion Ratio Lower Upper
94 100
65 36.3 15.3 55.3
66 52.4 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 44.509 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

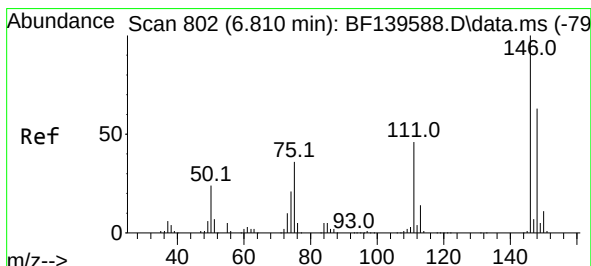
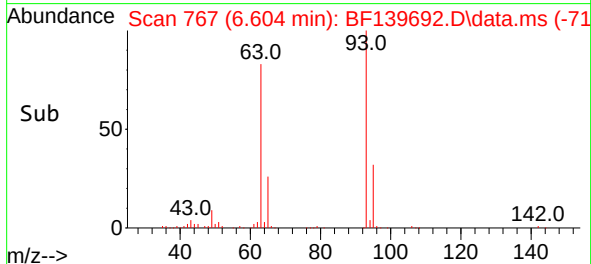
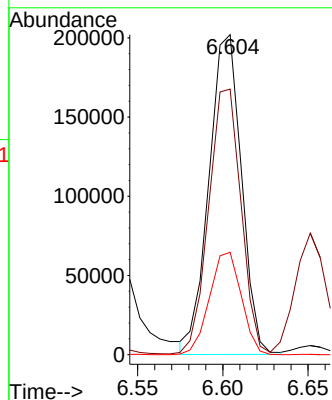
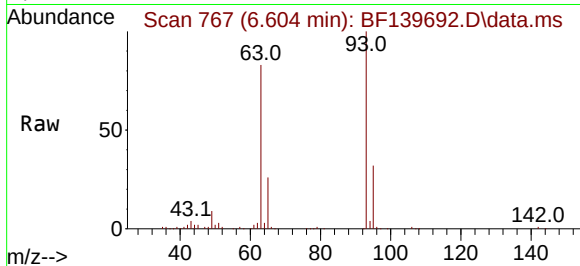
ClientSampleId :

IB-4MS

Tgt Ion: 93 Resp: 26808
Ion Ratio Lower Upper
93 100
63 83.0 64.1 104.1
95 32.0 12.3 52.3

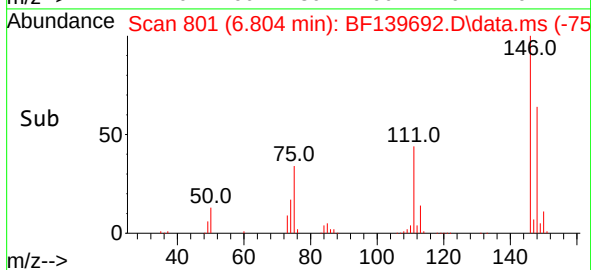
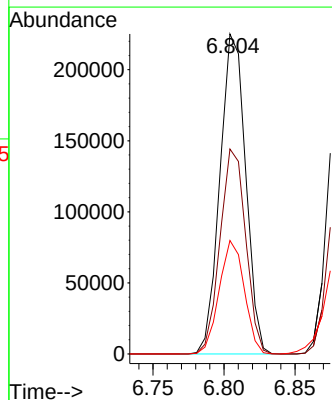
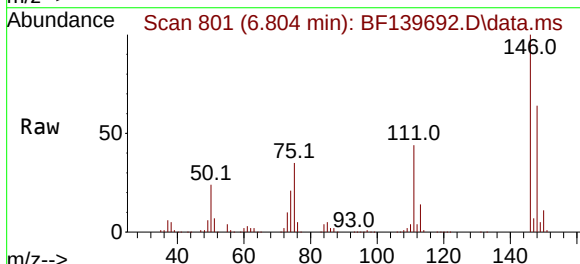
Manual Integrations
APPROVED

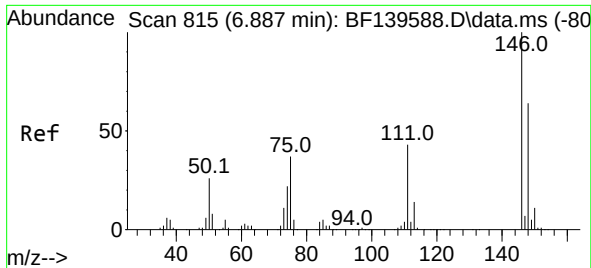
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#12
1,3-Dichlorobenzene
Concen: 44.950 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:146 Resp: 283427
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
75 35.5 28.5 42.7





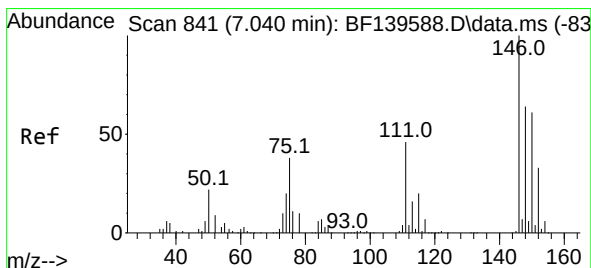
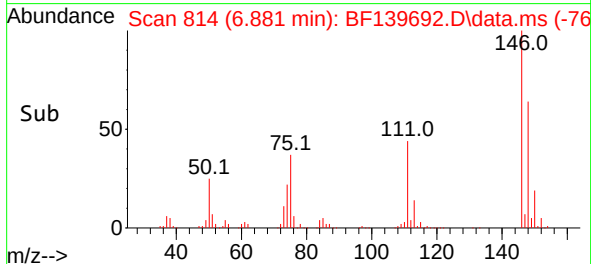
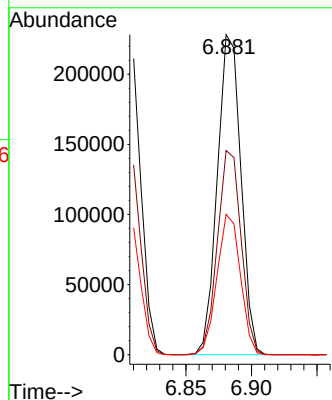
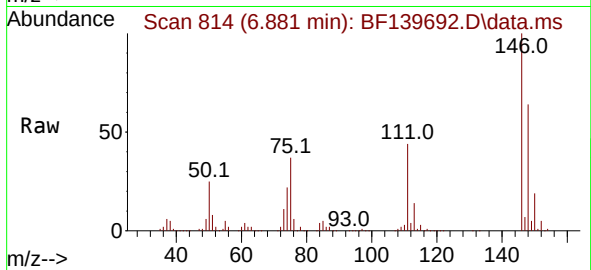
#13
1,4-Dichlorobenzene
Concen: 44.729 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:146 Resp: 285649
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.8 34.9 52.3

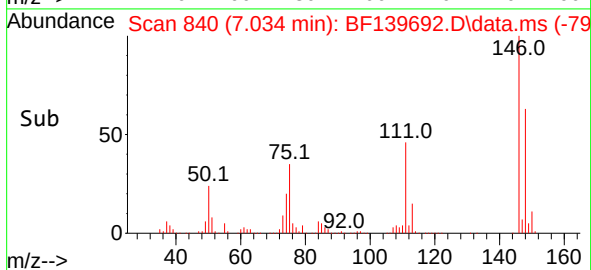
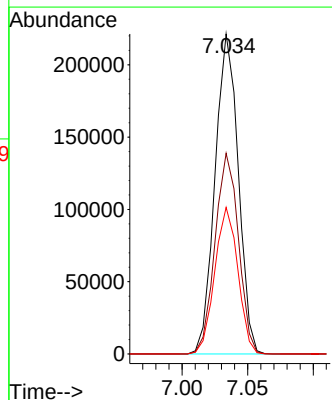
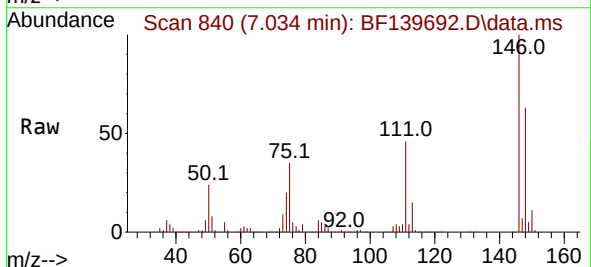
Manual Integrations
APPROVED

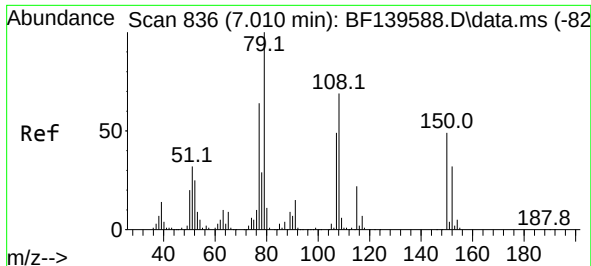
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#14
1,2-Dichlorobenzene
Concen: 45.595 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

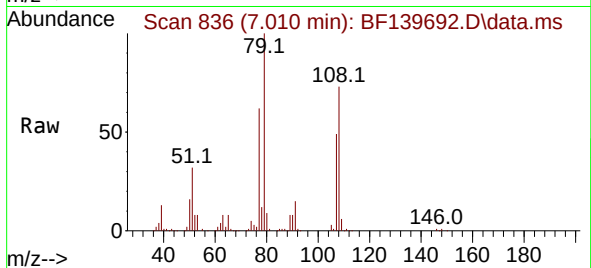
Tgt Ion:146 Resp: 272892
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
111 45.8 37.0 55.6





#15
Benzyl Alcohol
Concen: 47.509 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

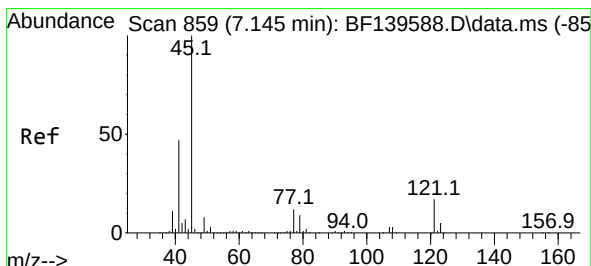
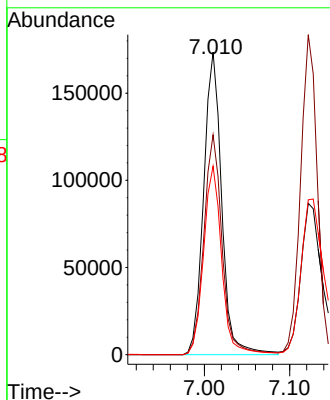
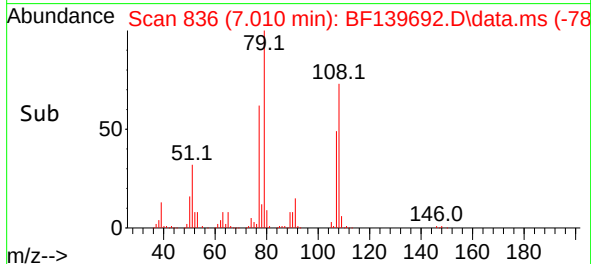
Instrument :
BNA_F
ClientSampleId :
IB-4MS



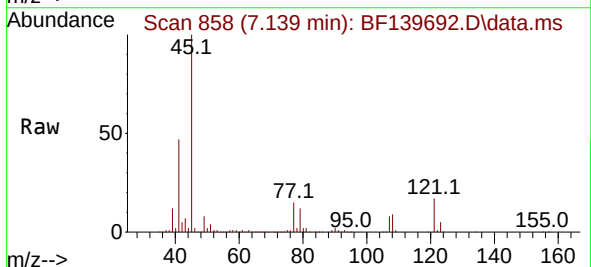
Tgt Ion: 79 Resp: 25537
Ion Ratio Lower Upper
79 100
108 72.6 55.1 82.7
77 62.3 50.8 76.2

Manual Integrations
APPROVED

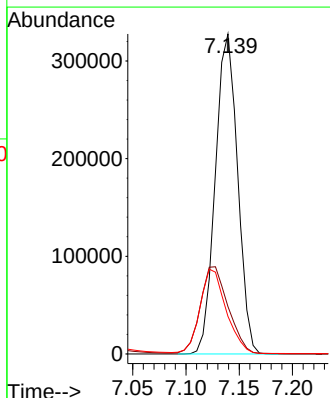
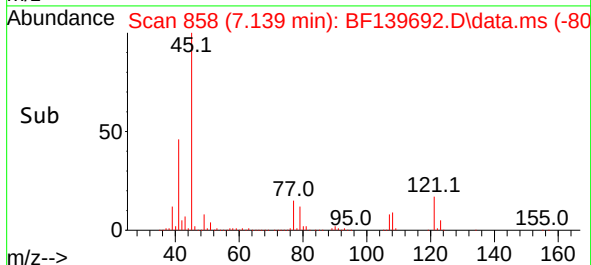
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

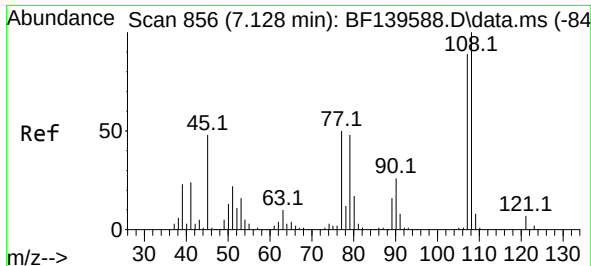


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.659 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



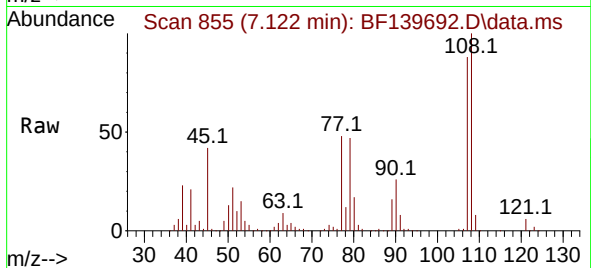
Tgt Ion: 45 Resp: 476099
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.5
79 11.7 0.0 29.7





#17
2-Methylphenol
Concen: 47.105 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

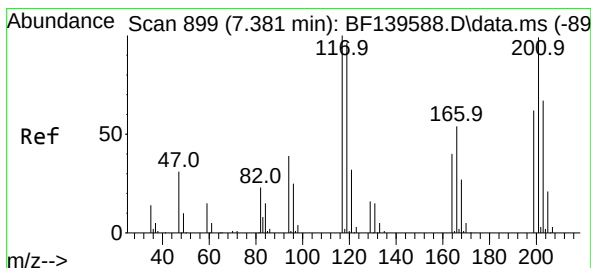
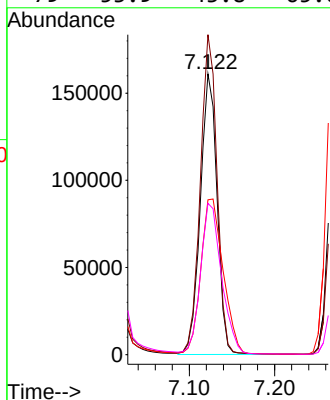
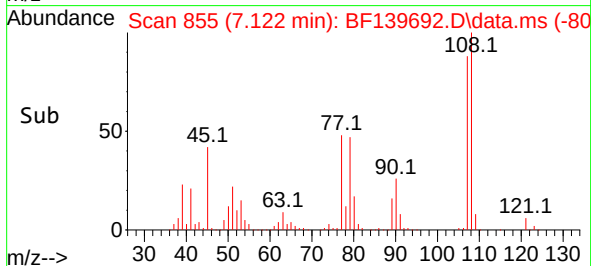
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:107 Resp: 220414
Ion Ratio Lower Upper
107 100
108 113.9 89.8 134.6
77 55.1 44.6 67.0
79 53.9 43.8 65.6

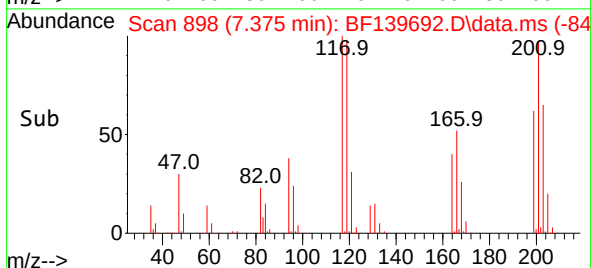
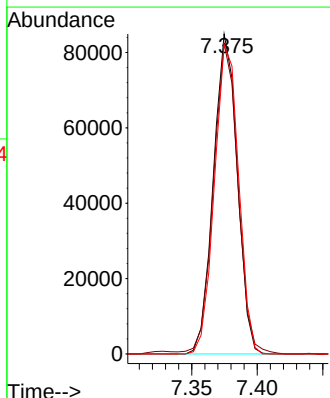
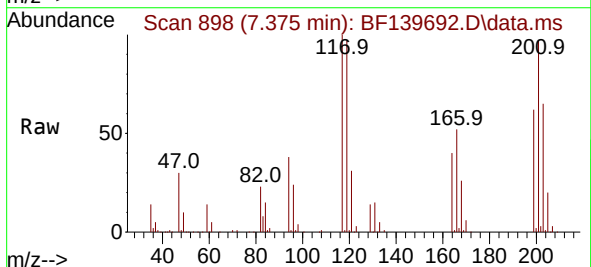
Manual Integrations
APPROVED

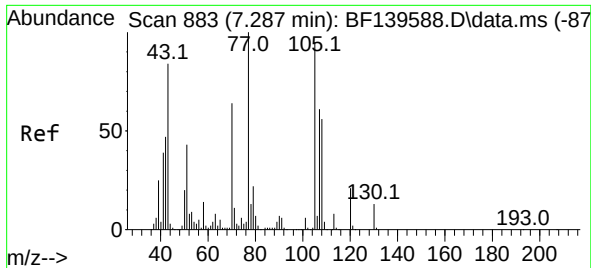
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#18
Hexachloroethane
Concen: 44.968 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

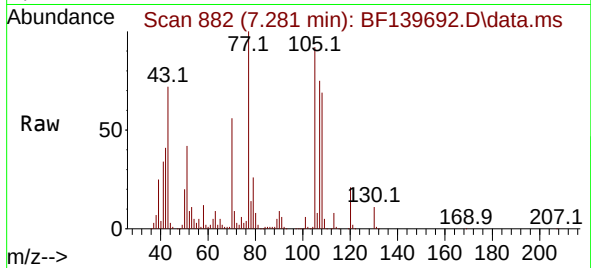
Tgt Ion:117 Resp: 107113
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.6
201 96.6 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.869 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

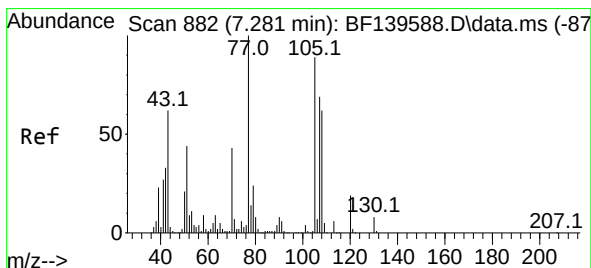
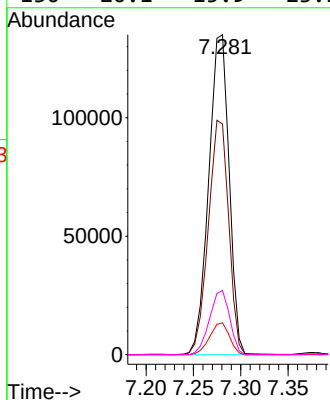
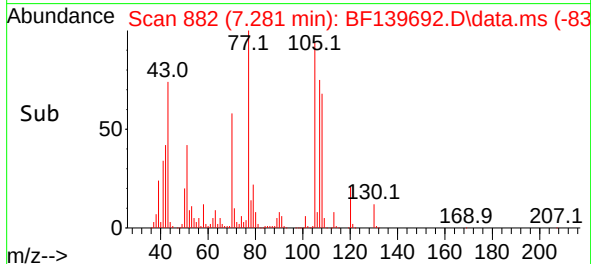
Instrument :
BNA_F
ClientSampleId :
IB-4MS



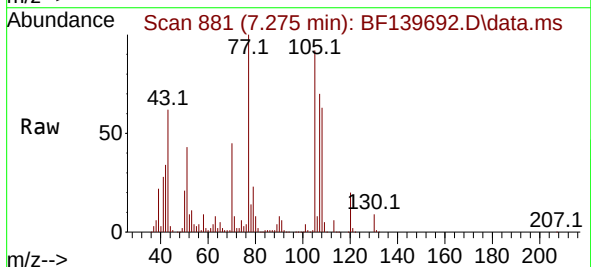
Tgt Ion: 70 Resp: 20294
Ion Ratio Lower Upper
70 100
42 72.1 58.0 87.0
101 10.0 7.8 11.8
130 20.1 15.9 23.9

Manual Integrations
APPROVED

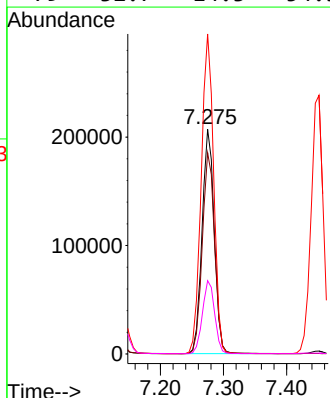
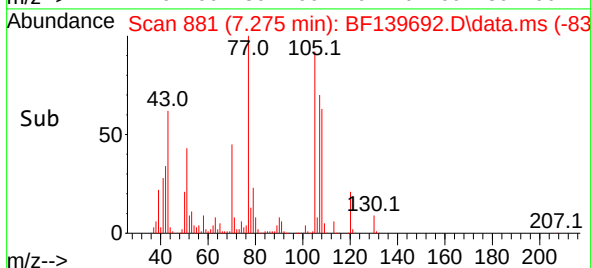
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

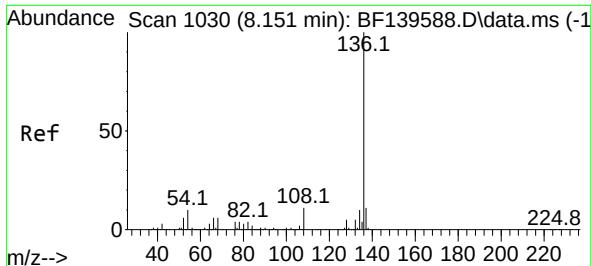


#20
3+4-Methylphenols
Concen: 47.348 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



Tgt Ion:107 Resp: 278278
Ion Ratio Lower Upper
107 100
108 89.5 70.2 110.2
77 142.4 125.3 165.3
79 32.7 14.3 54.3





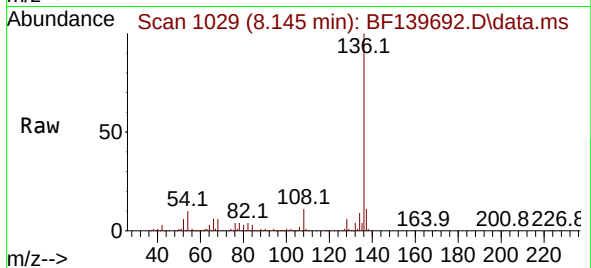
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS



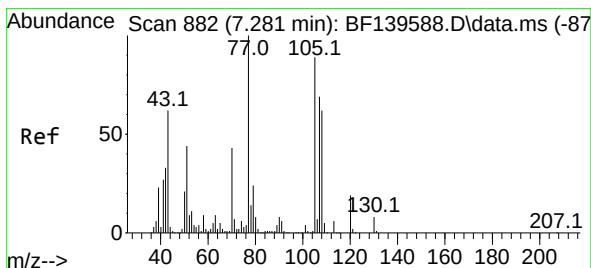
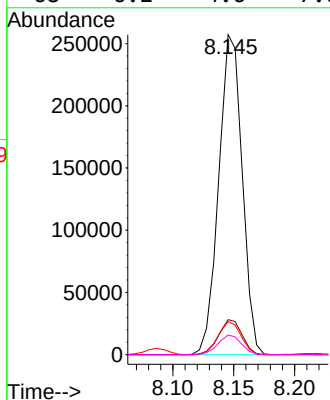
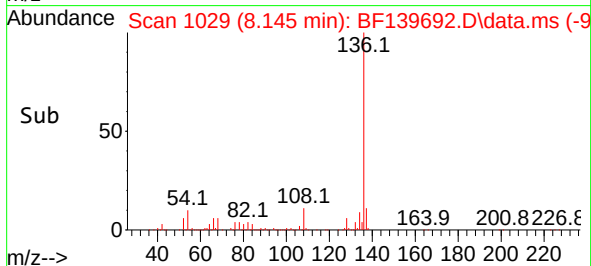
Tgt Ion:136 Resp: 34494
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.2 4.6 7.0

Manual Integrations

APPROVED

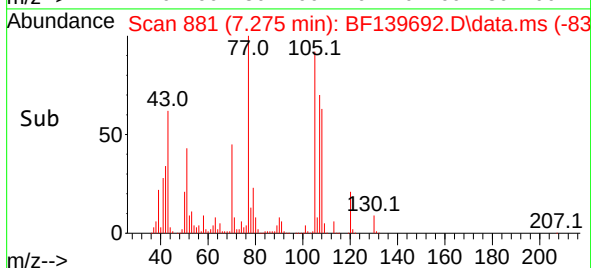
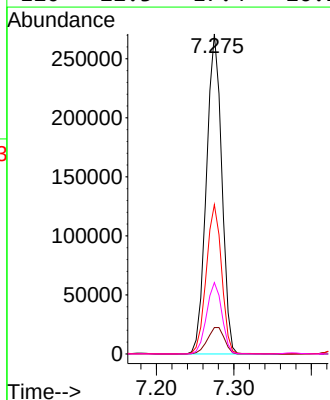
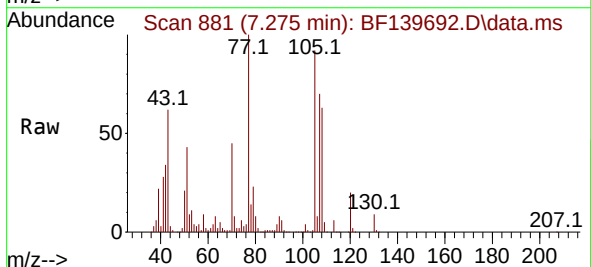
Reviewed By :Yogesh Patel 10/09/2024

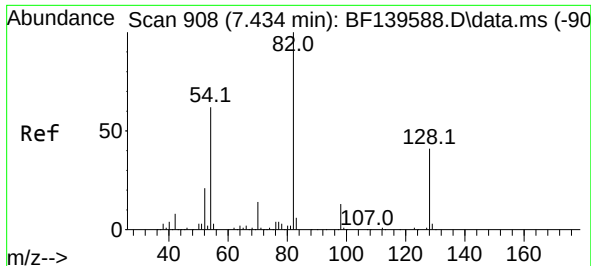
Supervised By :mohammad ahmed 10/09/2024



#22
Acetophenone
Concen: 45.634 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:105 Resp: 373647
Ion Ratio Lower Upper
105 100
71 8.3 6.6 10.0
51 46.7 39.4 59.0
120 22.3 17.4 26.2





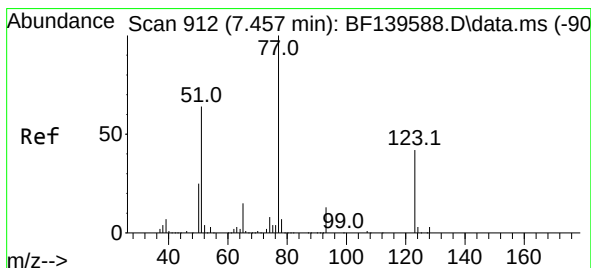
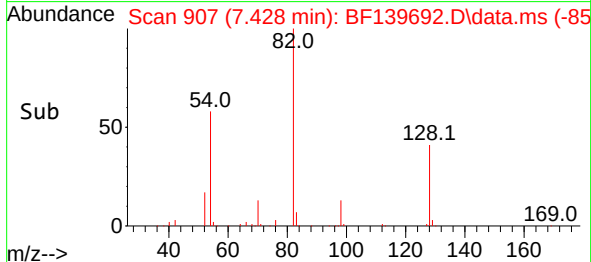
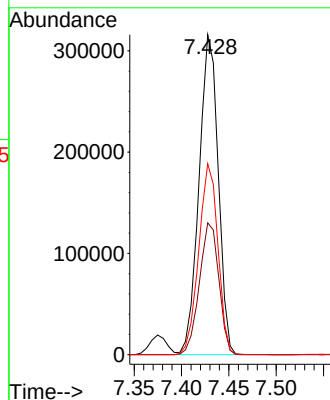
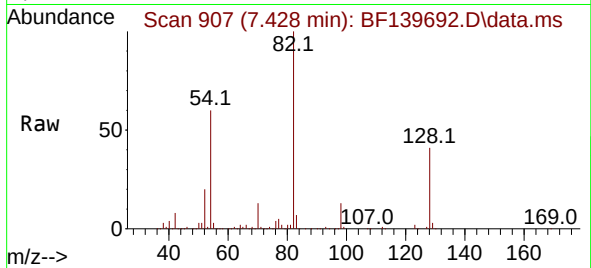
#23
Nitrobenzene-d5
Concen: 65.321 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion: 82 Resp: 445033
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 59.7 49.1 73.7

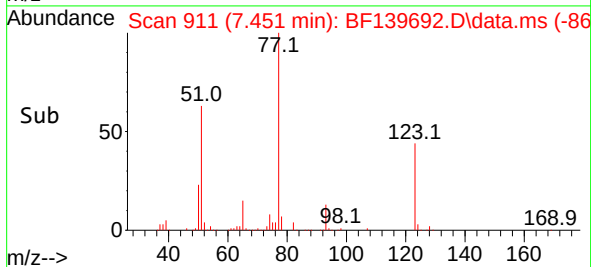
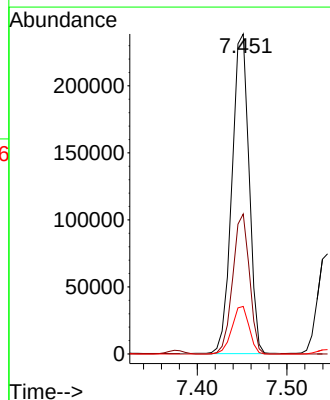
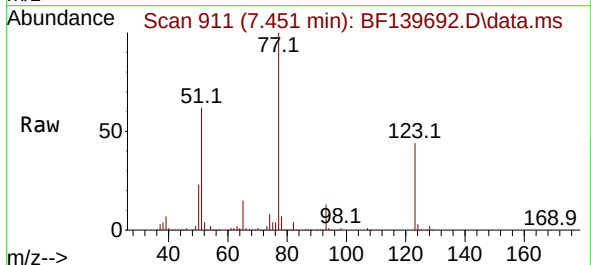
Manual Integrations
APPROVED

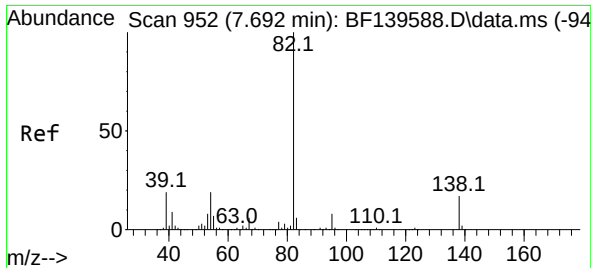
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#24
Nitrobenzene
Concen: 44.818 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 77 Resp: 316189
Ion Ratio Lower Upper
77 100
123 43.7 34.2 51.4
65 14.9 12.1 18.1





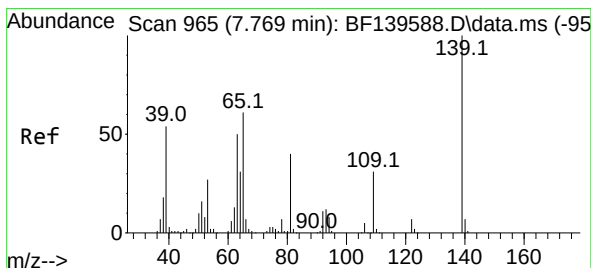
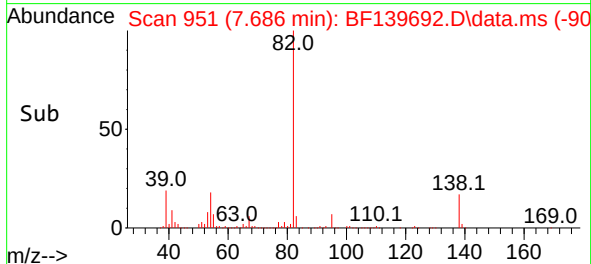
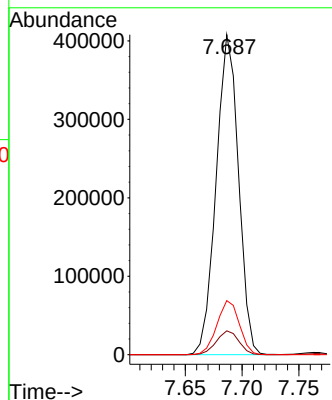
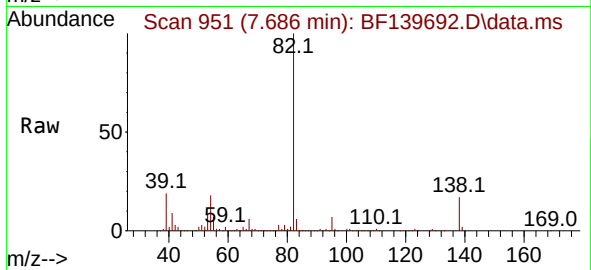
#25
Isophorone
Concen: 46.163 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion: 82 Resp: 55861
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.9 13.4 20.2

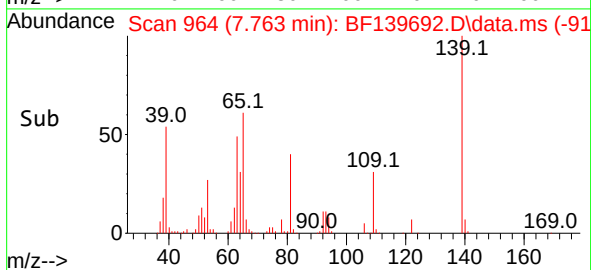
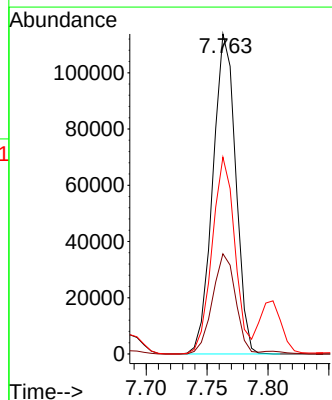
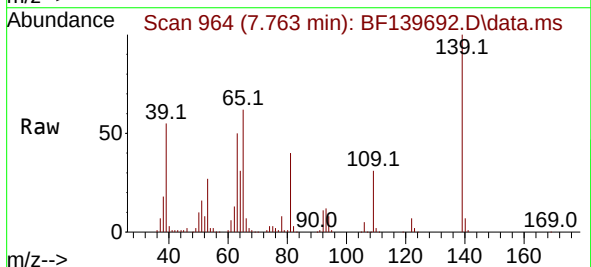
Manual Integrations
APPROVED

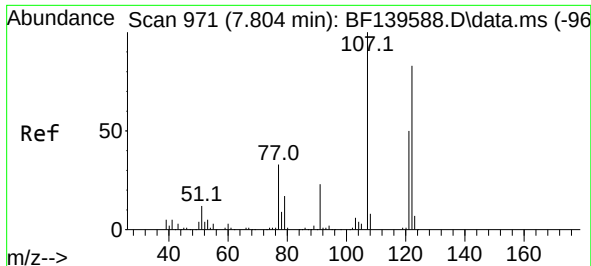
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#26
2-Nitrophenol
Concen: 48.969 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:139 Resp: 148519
Ion Ratio Lower Upper
139 100
109 31.3 24.9 37.3
65 61.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 57.679 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

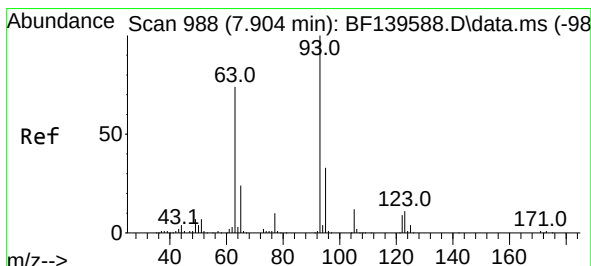
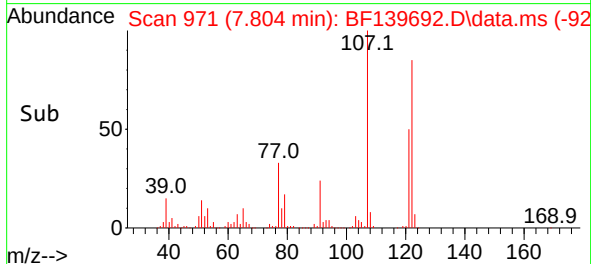
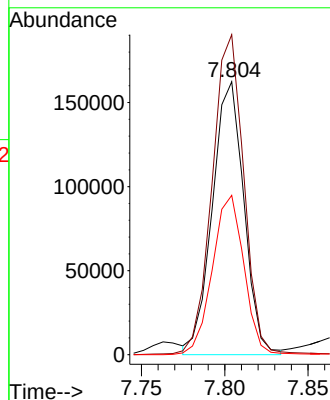
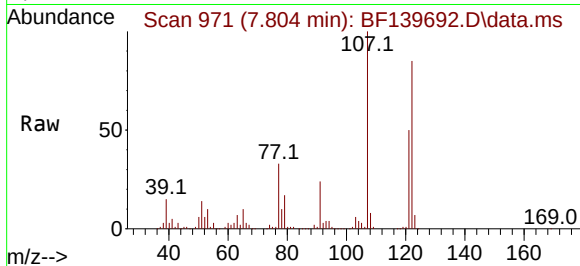
Tgt Ion:122 Resp: 214154
 Ion Ratio Lower Upper
 122 100
 107 117.2 95.4 143.0
 121 58.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.147 ng

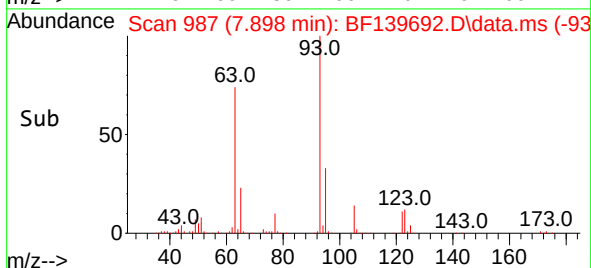
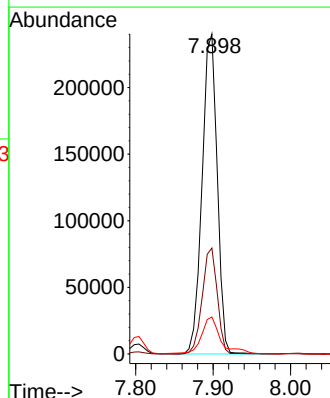
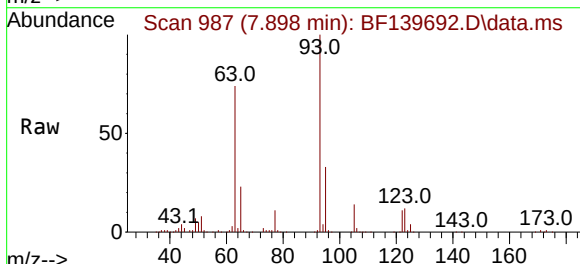
RT: 7.898 min Scan# 987

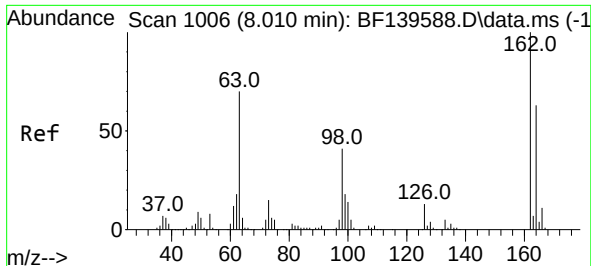
Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Tgt Ion: 93 Resp: 326223
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.750 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:162 Resp: 231244

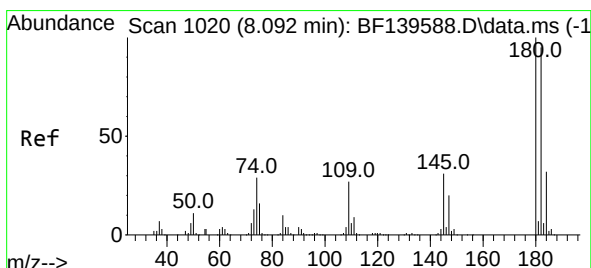
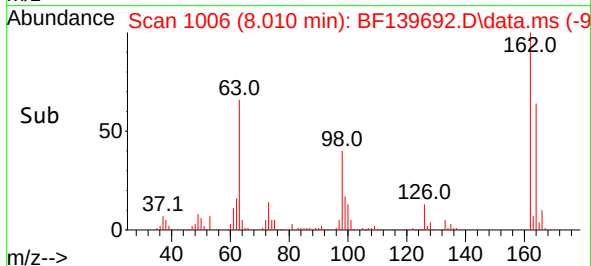
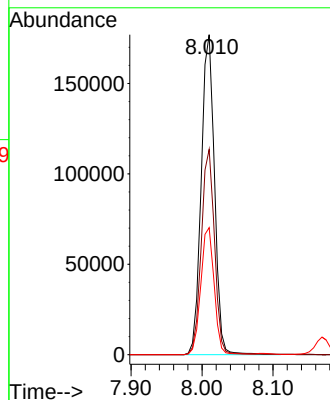
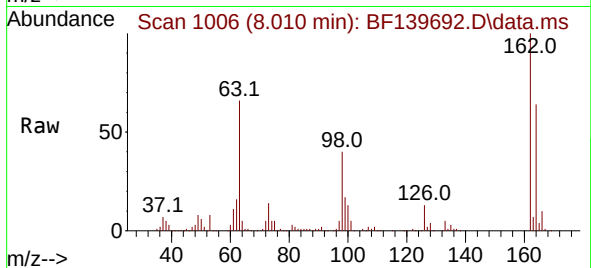
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.1	83.1
98	39.7	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.731 ng

RT: 8.086 min Scan# 1019

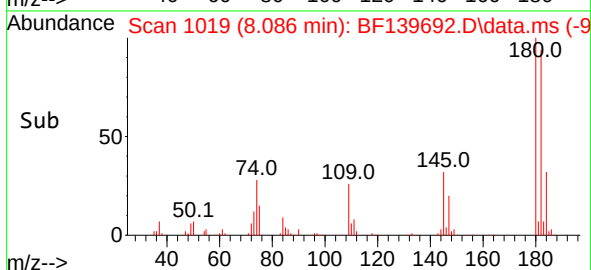
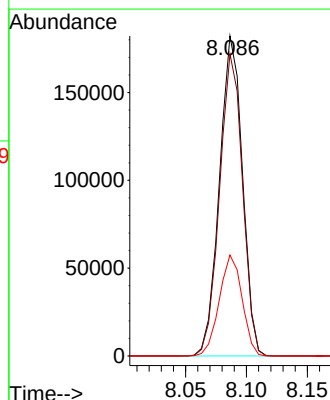
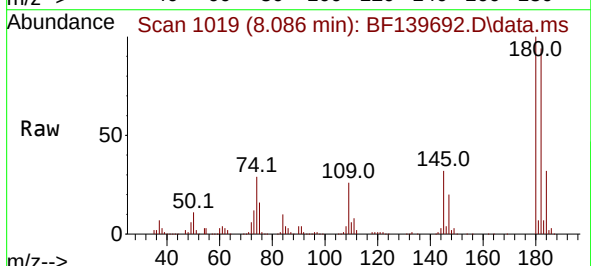
Delta R.T. -0.006 min

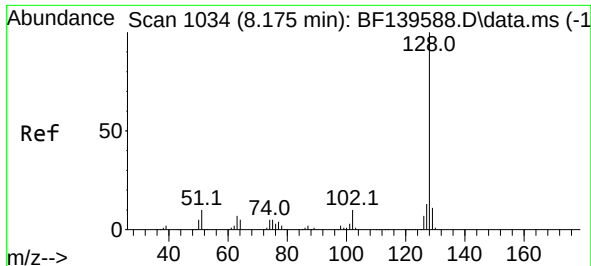
Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Tgt Ion:180 Resp: 239507

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.0	114.0
145	31.6	25.0	37.6





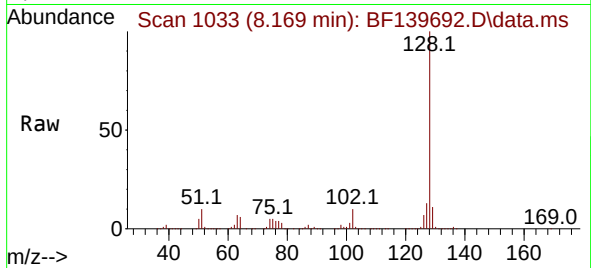
#31
Naphthalene
Concen: 45.996 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

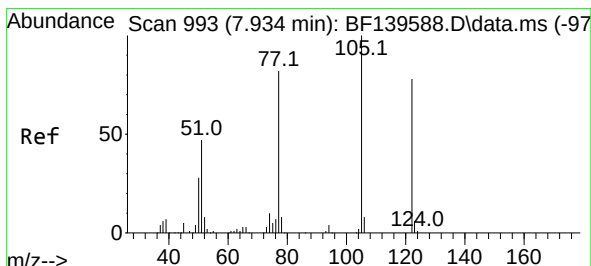
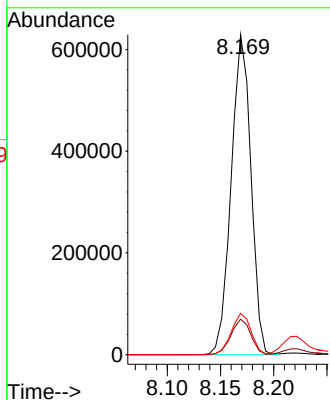
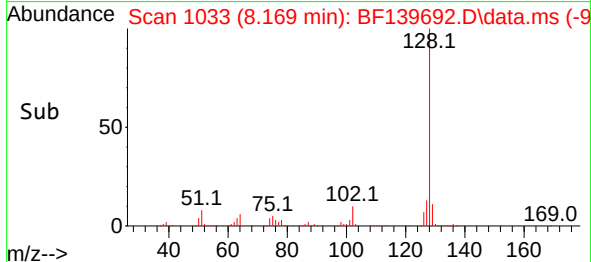


Tgt Ion:128 Resp: 81122
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.5 15.7

Manual Integrations

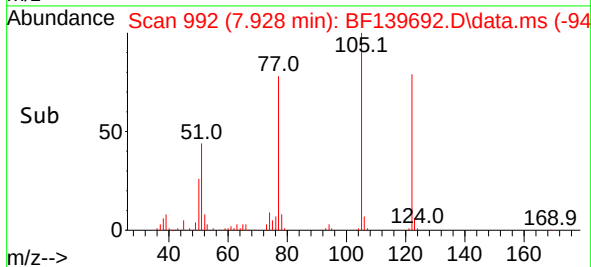
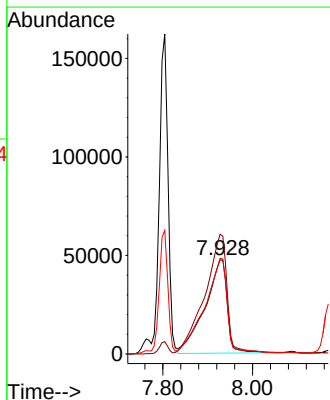
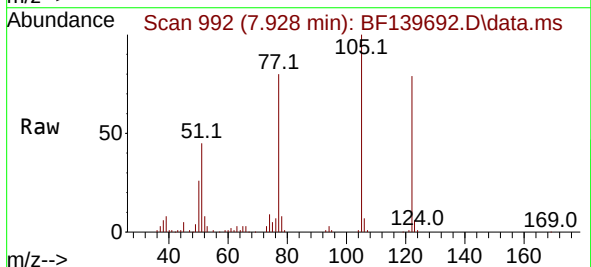
APPROVED

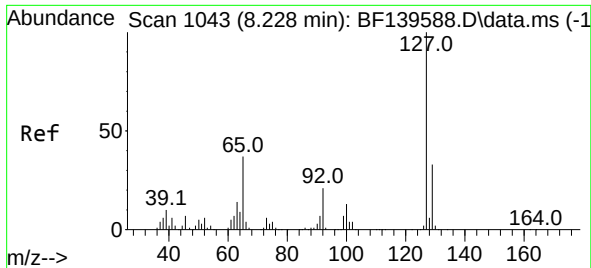
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#32
Benzoic acid
Concen: 44.251 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:122 Resp: 163370
Ion Ratio Lower Upper
122 100
105 127.3 104.9 144.9
77 101.8 82.7 122.7





#33
4-Chloroaniline
Concen: 12.518 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

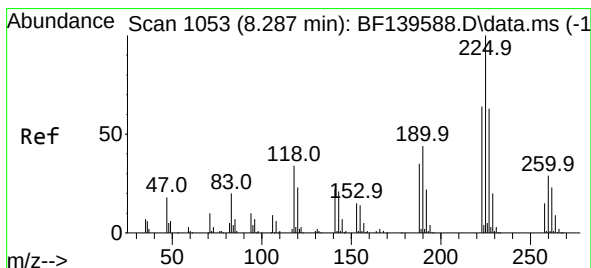
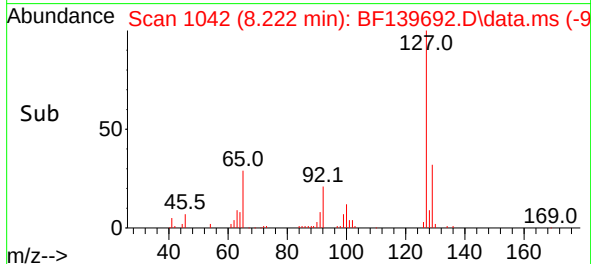
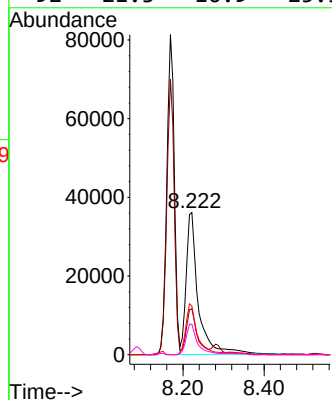
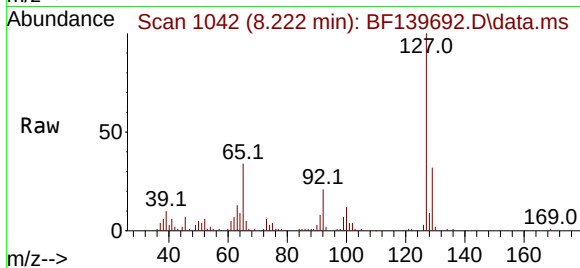
IB-4MS

Tgt Ion:127 Resp: 7473
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 34.3 29.3 43.9
92 21.3 16.9 25.3

Manual Integrations

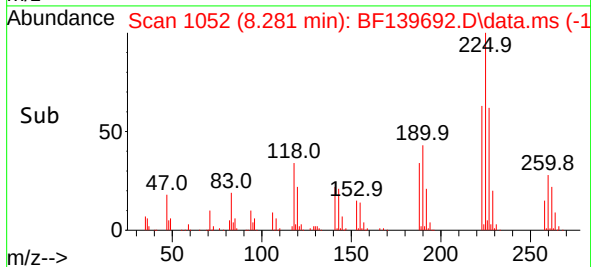
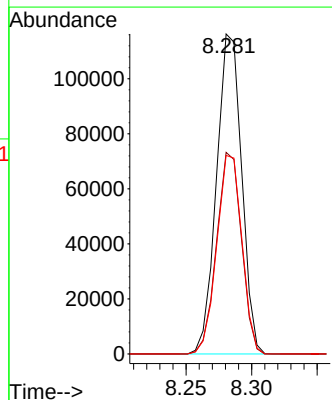
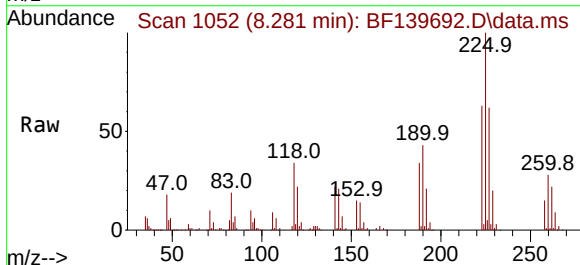
APPROVED

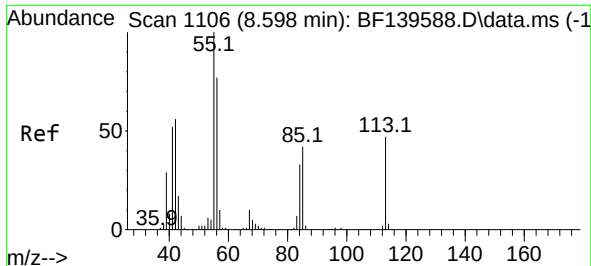
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#34
Hexachlorobutadiene
Concen: 43.703 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

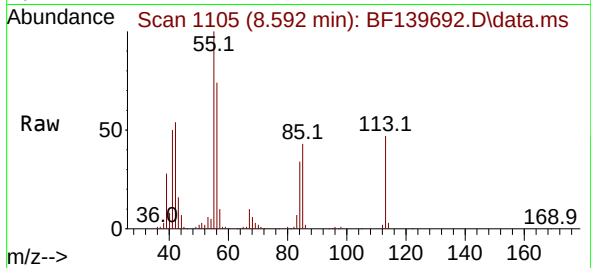
Tgt Ion:225 Resp: 154893
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 62.0 50.7 76.1





#35
Caprolactam
Concen: 50.151 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

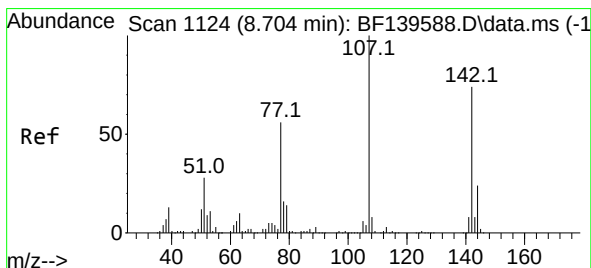
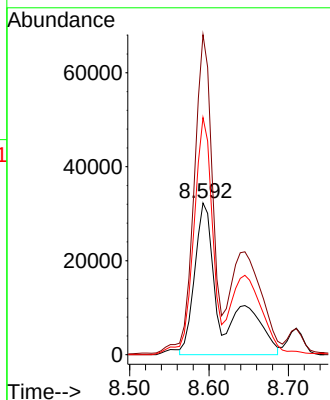
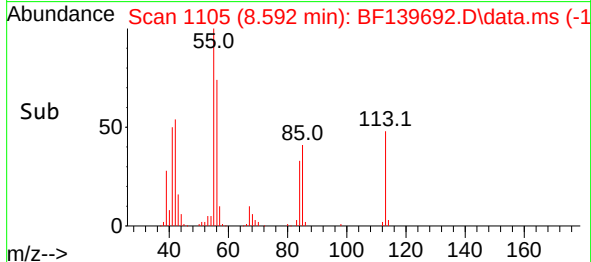
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:113 Resp: 7966
Ion Ratio Lower Upper
113 100
55 210.9 193.4 233.4
56 156.3 143.8 183.8

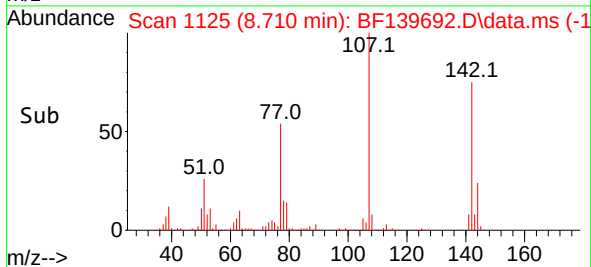
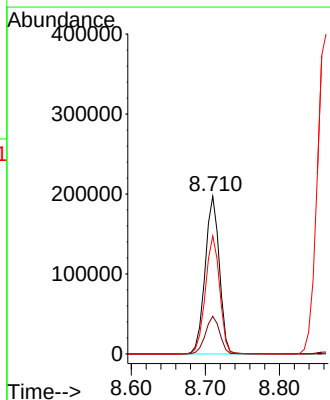
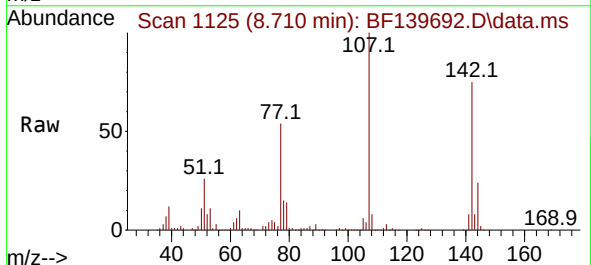
Manual Integrations
APPROVED

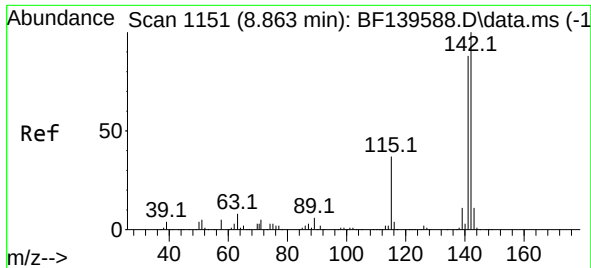
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#36
4-Chloro-3-methylphenol
Concen: 48.192 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:107 Resp: 264194
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.6
142 74.8 59.2 88.8





#37
2-Methylnaphthalene
Concen: 46.470 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

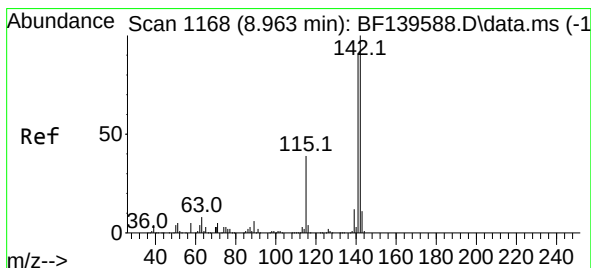
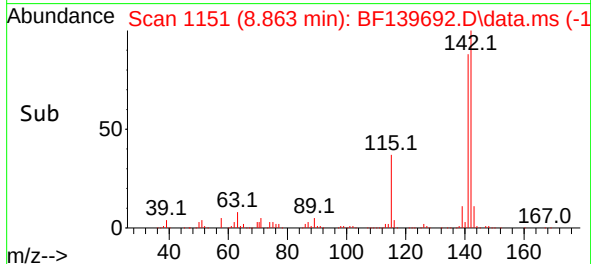
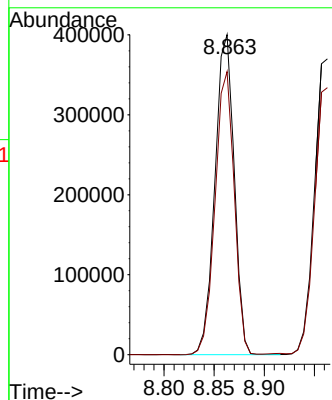
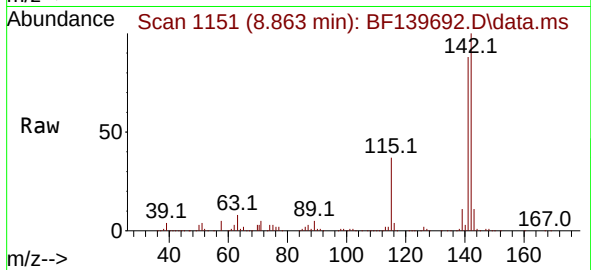
IB-4MS

Tgt Ion:142 Resp: 53378
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6

Manual Integrations

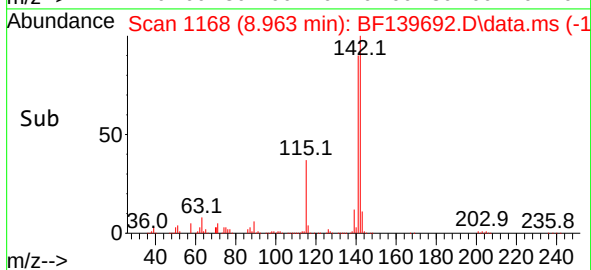
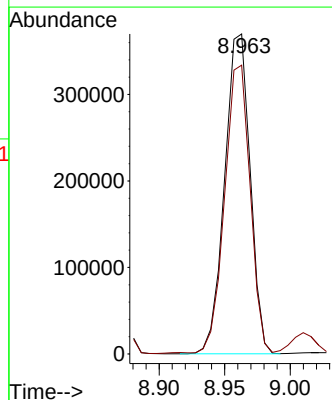
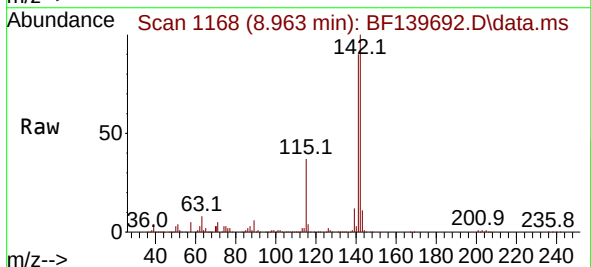
APPROVED

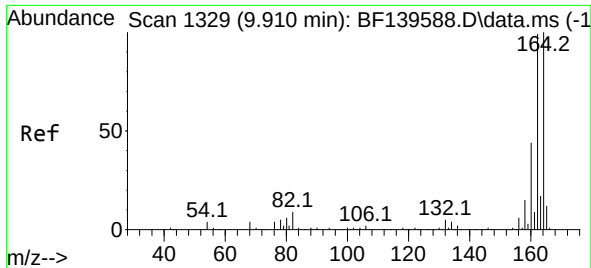
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#38
1-Methylnaphthalene
Concen: 44.563 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

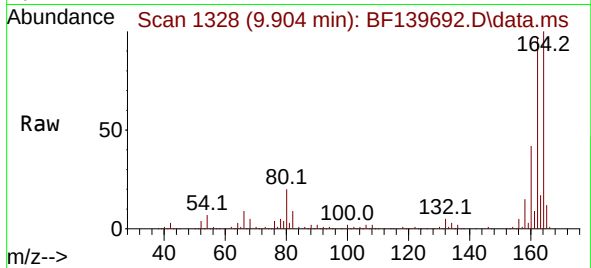
Tgt Ion:142 Resp: 500347
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11328
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

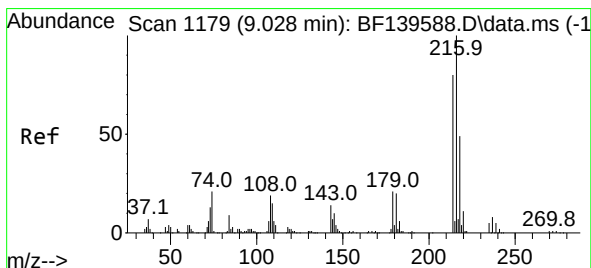
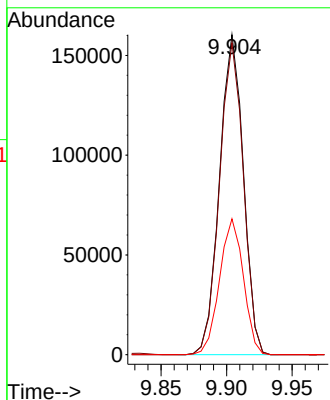
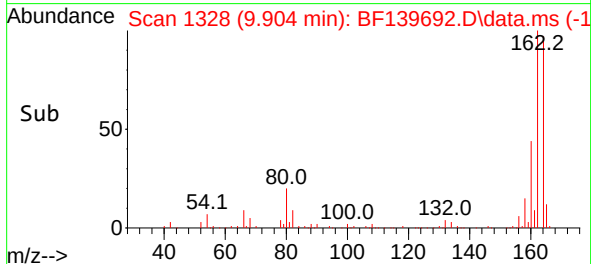
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:164 Resp: 202594
Ion Ratio Lower Upper
164 100
162 97.4 79.4 119.0
160 42.5 35.1 52.7

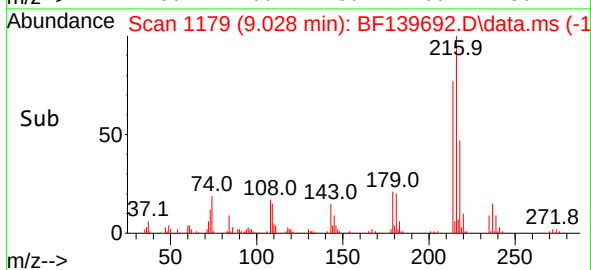
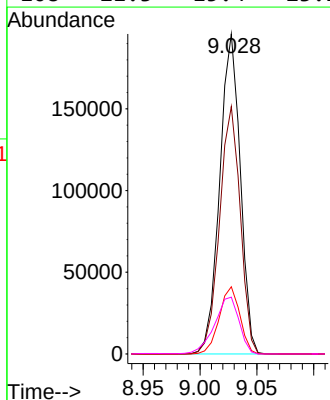
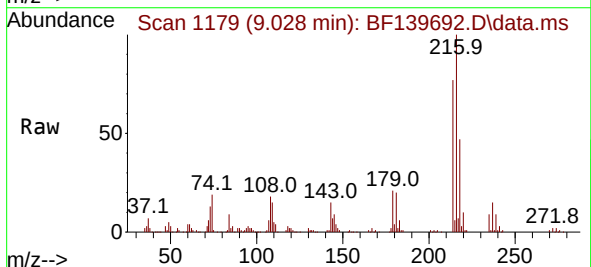
Manual Integrations
APPROVED

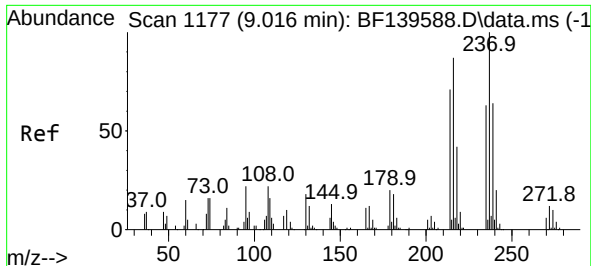
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.829 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

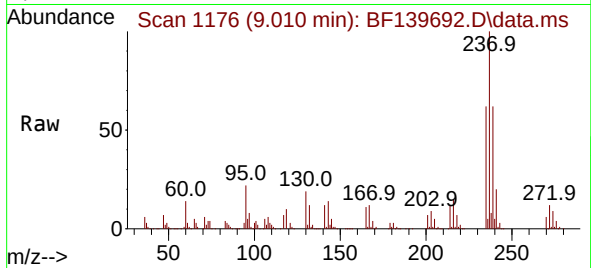
Tgt Ion:216 Resp: 246569
Ion Ratio Lower Upper
216 100
214 77.8 63.7 95.5
179 21.1 16.9 25.3
108 21.3 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 155.356 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

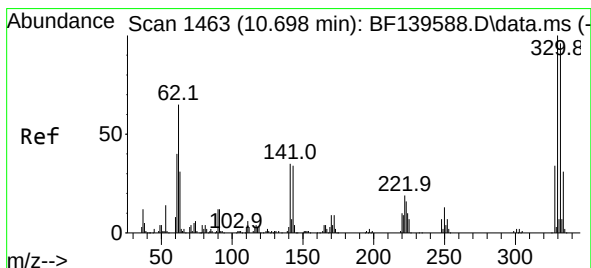
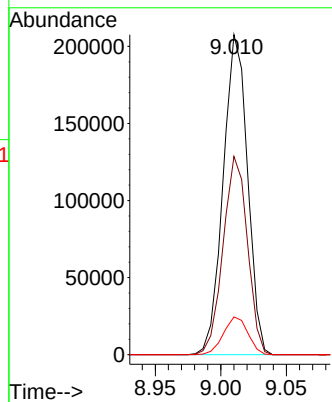
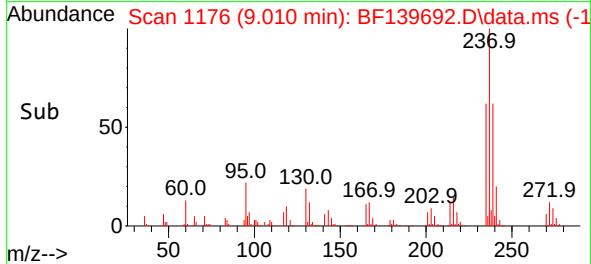
Instrument :
BNA_F
ClientSampleId :
IB-4MS



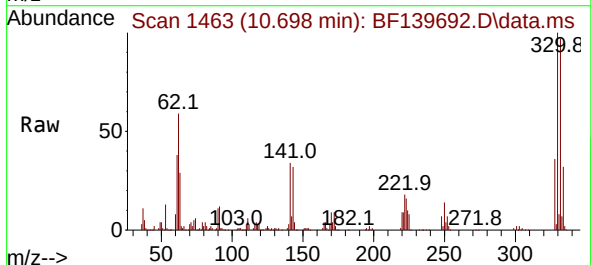
Tgt Ion:237 Resp: 267990
Ion Ratio Lower Upper
237 100
235 61.9 42.5 82.5
272 11.8 0.0 32.1

Manual Integrations
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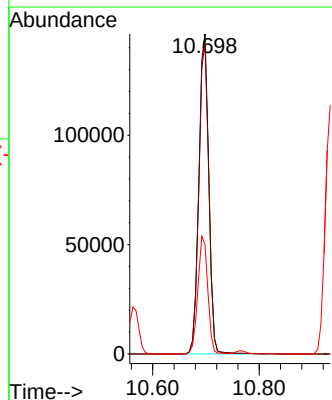
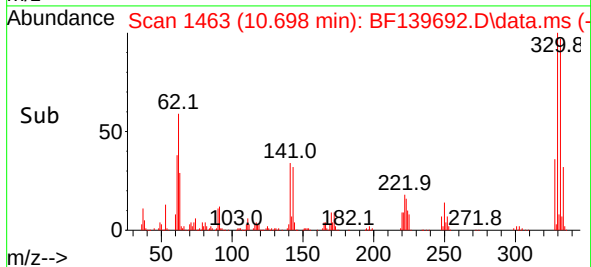
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

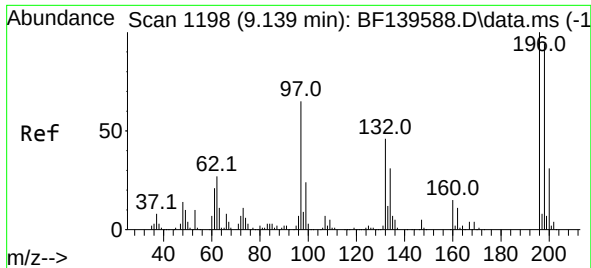


#42
2,4,6-Tribromophenol
Concen: 97.273 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



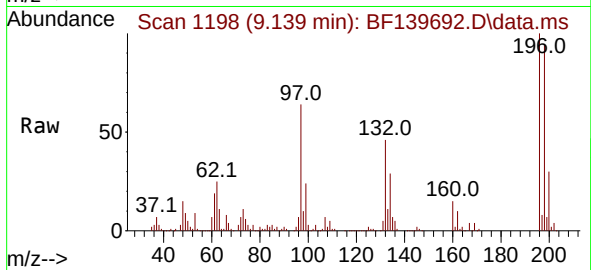
Tgt Ion:330 Resp: 190239
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.7 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 46.799 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

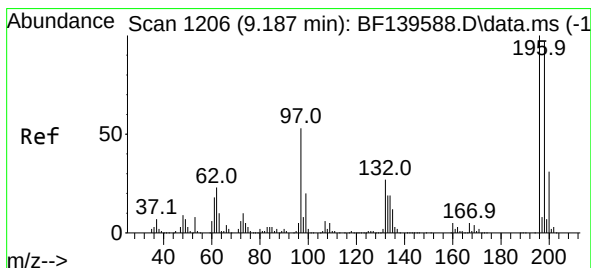
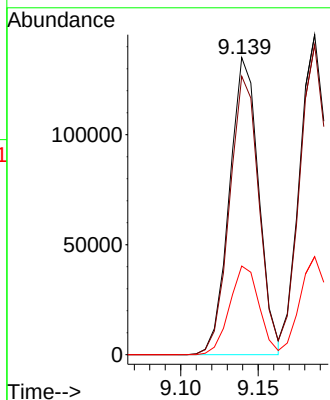
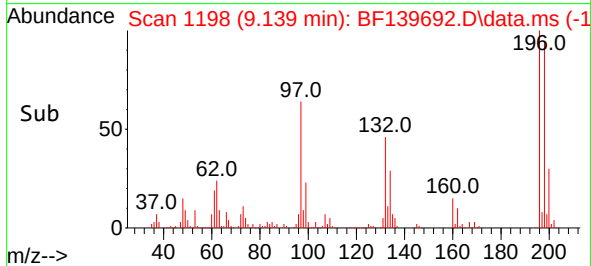
Instrument :
BNA_F
ClientSampleId :
IB-4MS



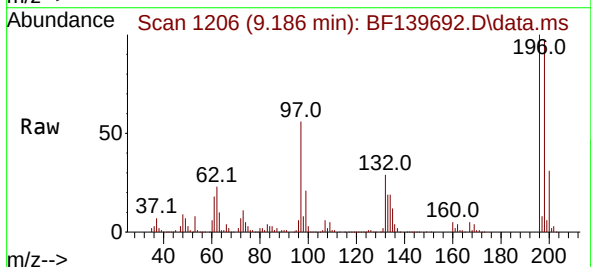
Tgt Ion:196 Resp: 177480
Ion Ratio Lower Upper
196 100
198 93.7 75.2 112.8
200 29.8 24.6 37.0

Manual Integrations
APPROVED

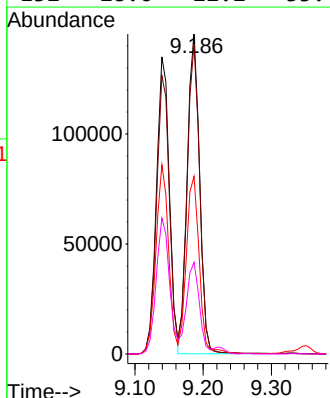
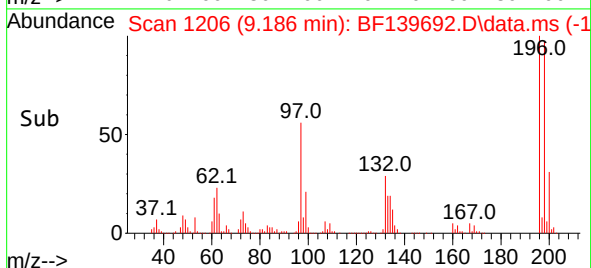
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

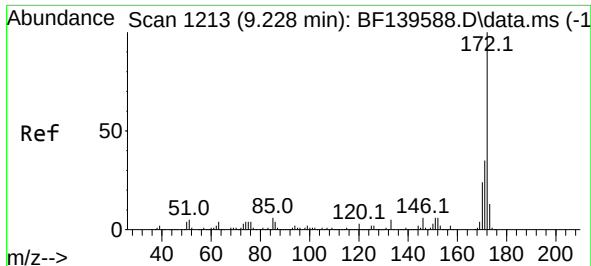


#44
2,4,5-Trichlorophenol
Concen: 44.847 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



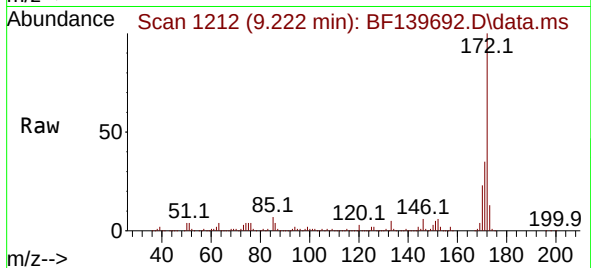
Tgt Ion:196 Resp: 183417
Ion Ratio Lower Upper
196 100
198 96.8 77.5 116.3
97 55.5 43.1 64.7
132 28.6 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 64.927 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

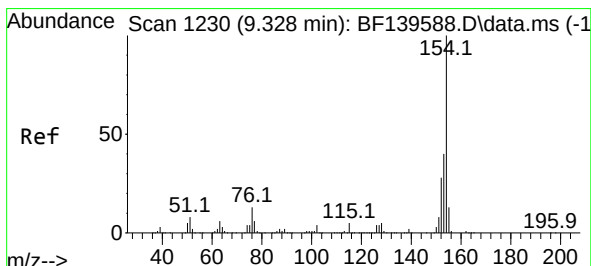
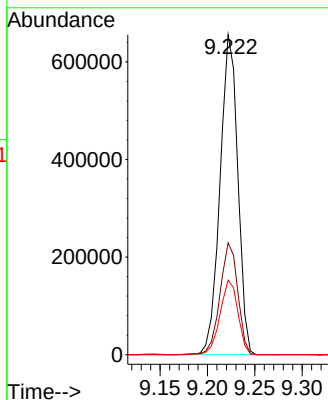
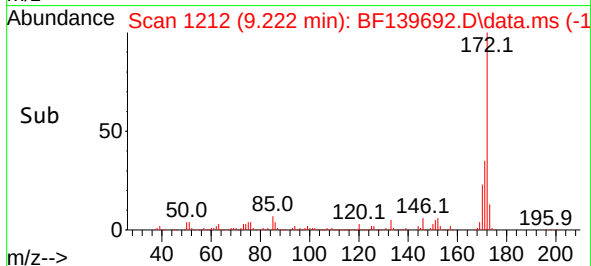
Instrument :
BNA_F
ClientSampleId :
IB-4MS



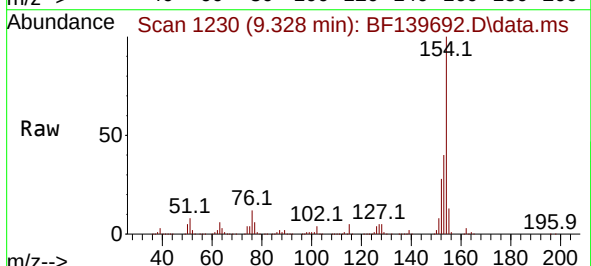
Tgt Ion:172 Resp: 85682
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 18.8 28.2

Manual Integrations
APPROVED

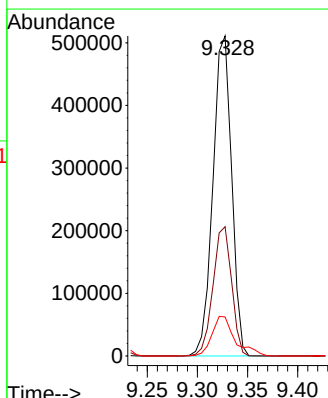
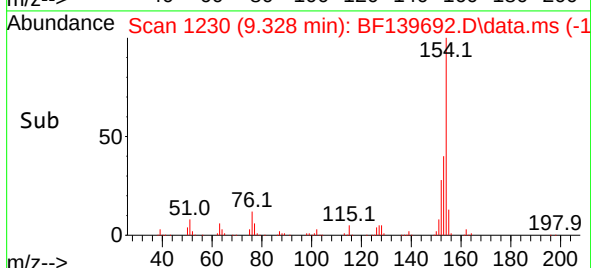
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

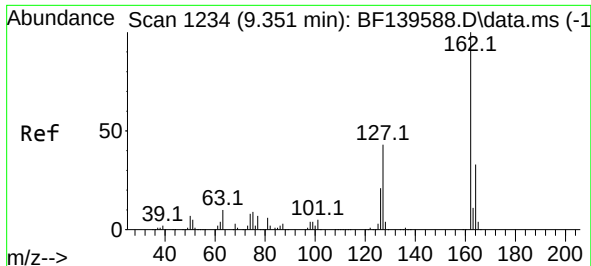


#46
1,1'-Biphenyl
Concen: 43.830 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



Tgt Ion:154 Resp: 660438
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 44.305 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

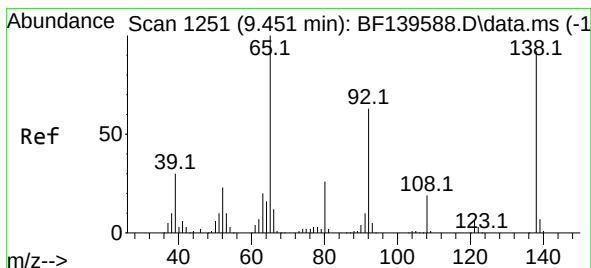
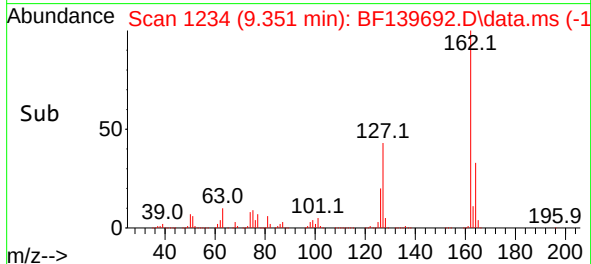
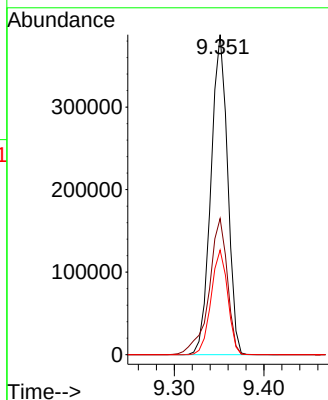
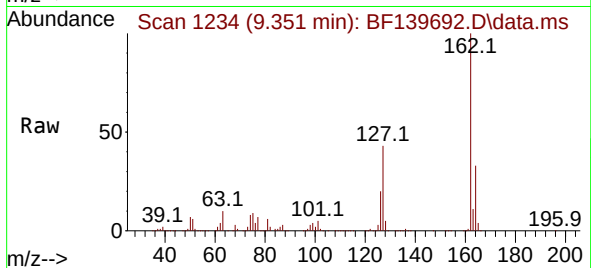
Tgt Ion:162 Resp: 500472
 Ion Ratio Lower Upper
 162 100
 127 42.6 35.0 52.4
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#48

2-Nitroaniline

Concen: 47.819 ng

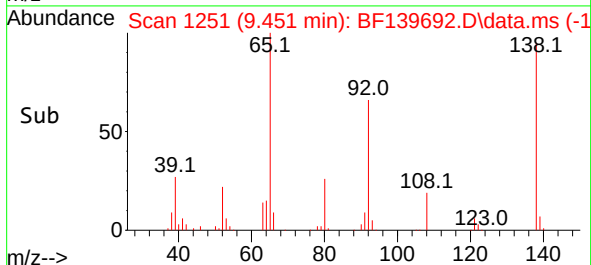
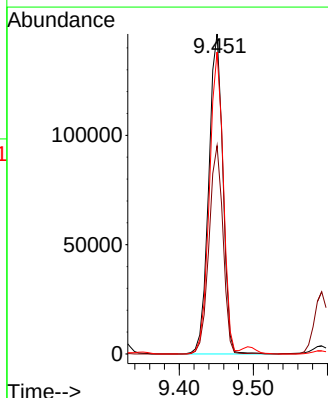
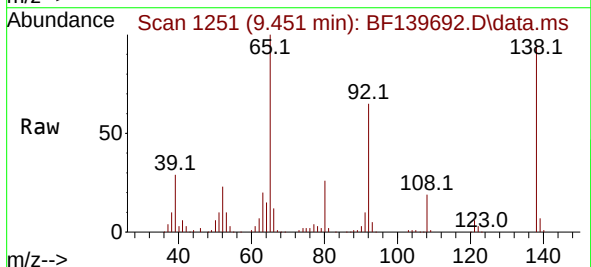
RT: 9.451 min Scan# 1251

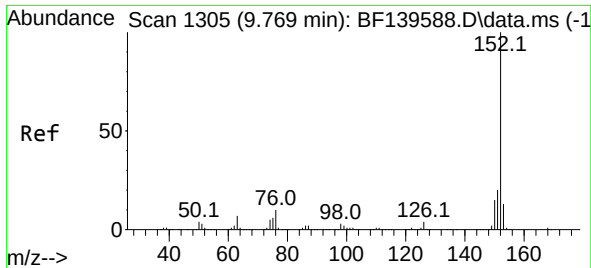
Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Tgt Ion: 65 Resp: 193908
 Ion Ratio Lower Upper
 65 100
 92 65.1 50.0 75.0
 138 94.4 73.8 110.8





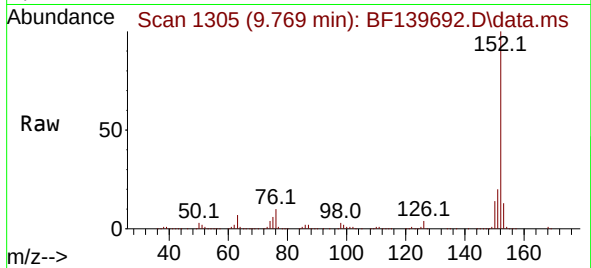
#49
Acenaphthylene
Concen: 48.691 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

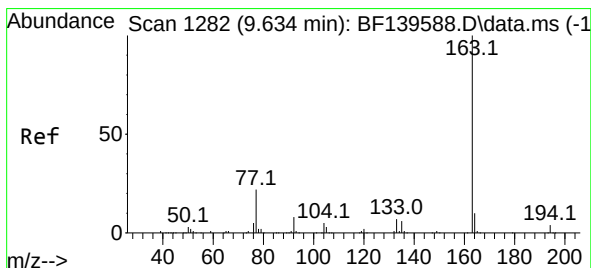
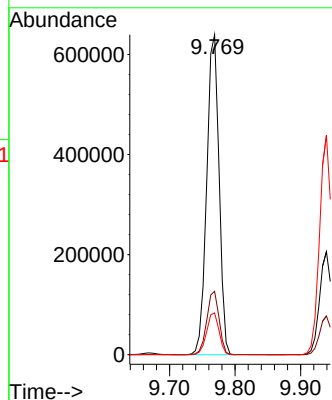
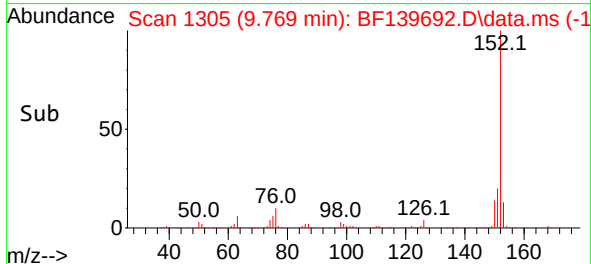


Tgt Ion:152 Resp: 836474
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.5 15.7

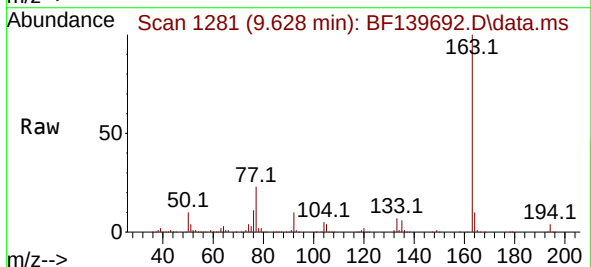
Manual Integrations

APPROVED

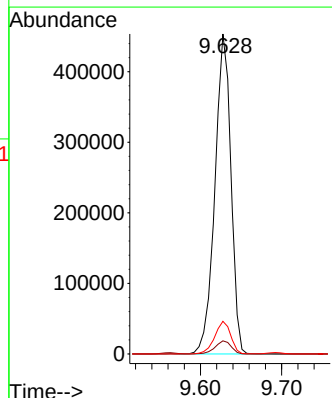
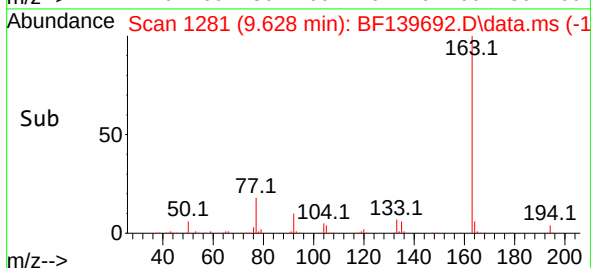
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

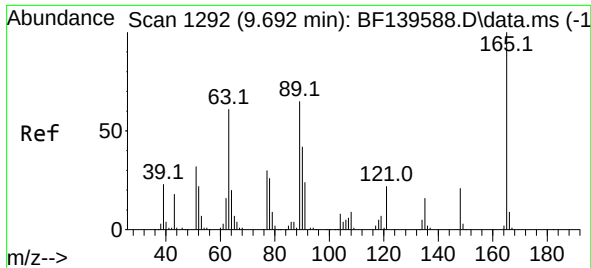


#50
Dimethylphthalate
Concen: 46.863 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



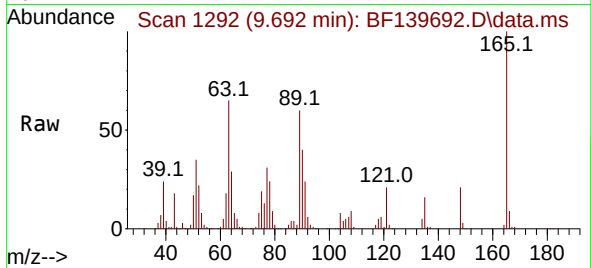
Tgt Ion:163 Resp: 621501
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.706 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

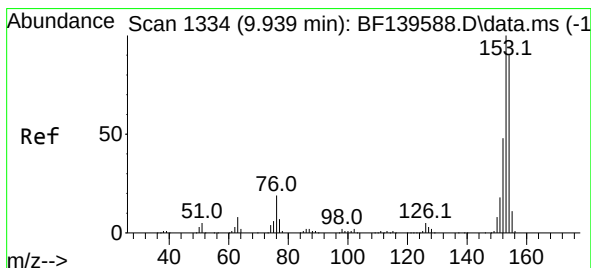
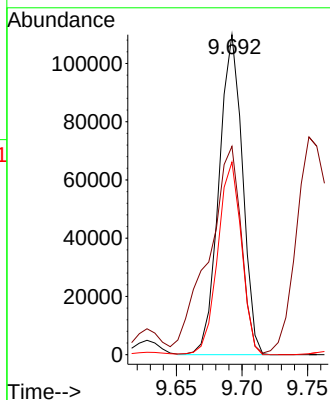
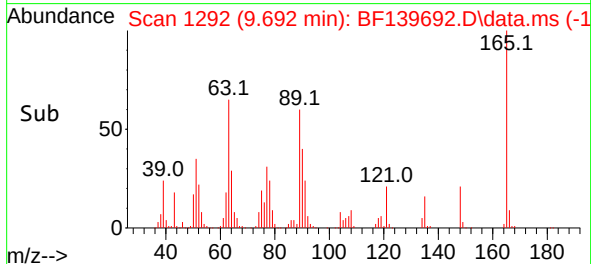
Instrument :
BNA_F
ClientSampleId :
IB-4MS



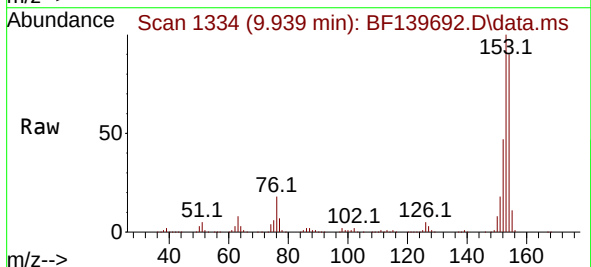
Tgt Ion:165 Resp: 136927
Ion Ratio Lower Upper
165 100
63 65.1 56.7 85.1
89 60.2 51.6 77.4

Manual Integrations
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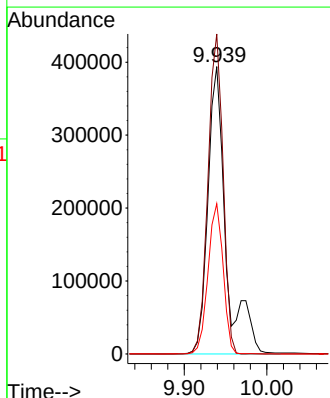
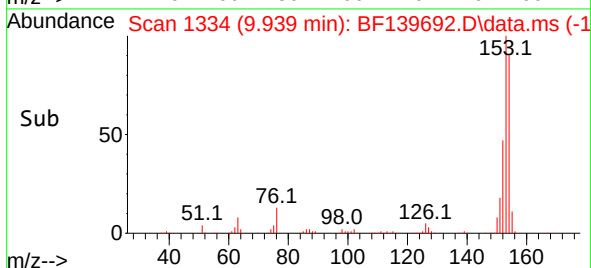
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

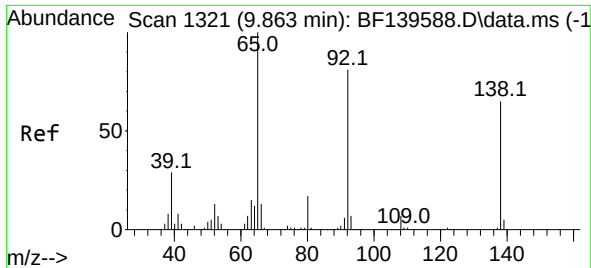


#52
Acenaphthene
Concen: 50.829 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



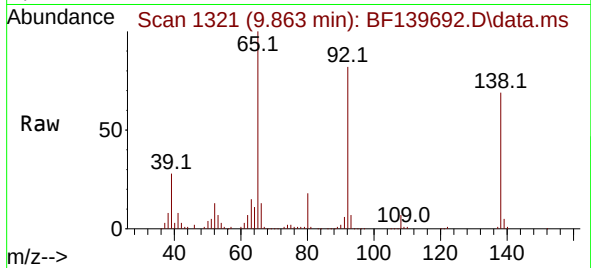
Tgt Ion:154 Resp: 599450
Ion Ratio Lower Upper
154 100
153 111.4 88.8 133.2
152 52.3 42.5 63.7





#53
3-Nitroaniline
Concen: 29.882 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

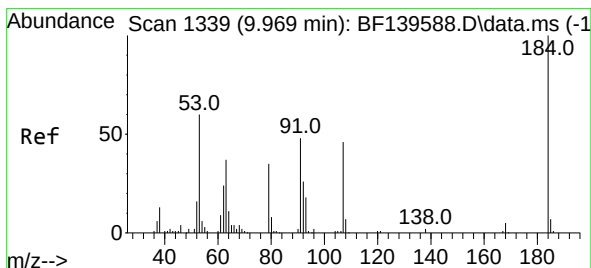
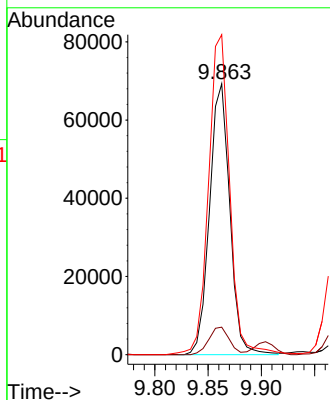
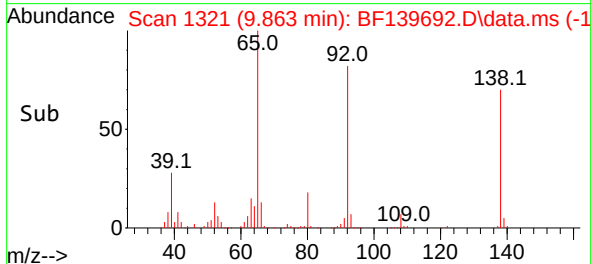
Instrument :
BNA_F
ClientSampleId :
IB-4MS



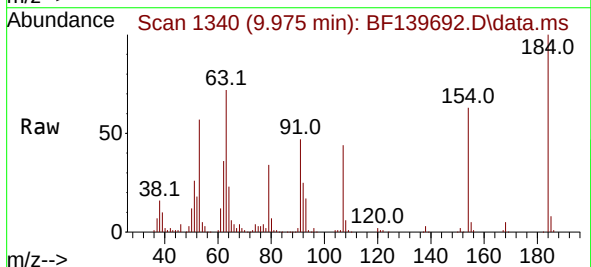
Tgt Ion:138 Resp: 9148
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 118.2 100.0 150.0

Manual Integrations
APPROVED

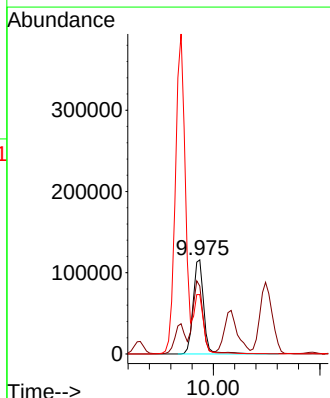
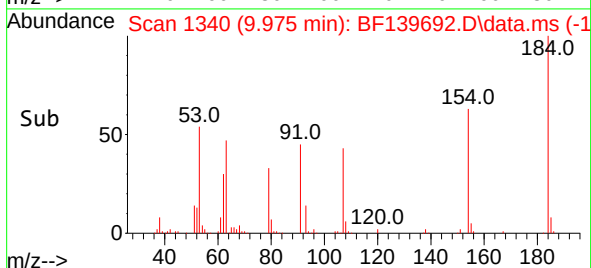
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

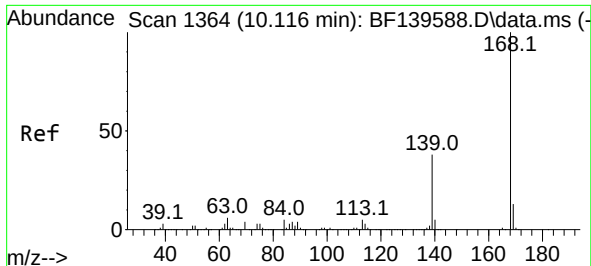


#54
2,4-Dinitrophenol
Concen: 100.437 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



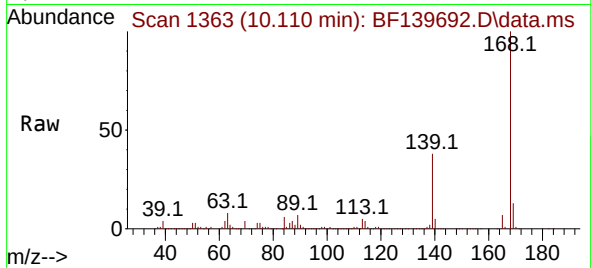
Tgt Ion:184 Resp: 161839
Ion Ratio Lower Upper
184 100
63 72.1 61.7 92.5
154 63.2 53.0 79.4





#55
Dibenzenofuran
Concen: 46.307 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

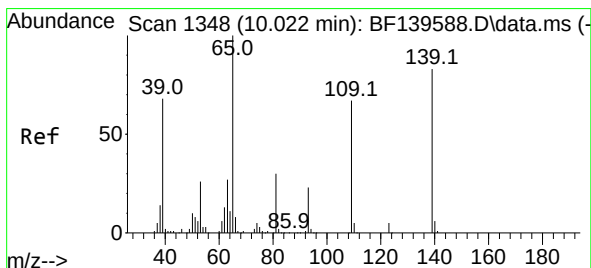
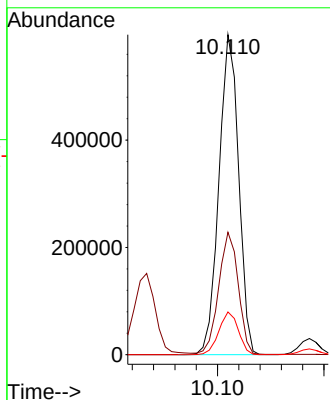
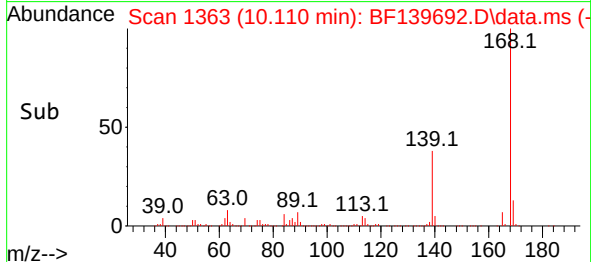
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:168 Resp: 76464
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.3 10.7 16.1

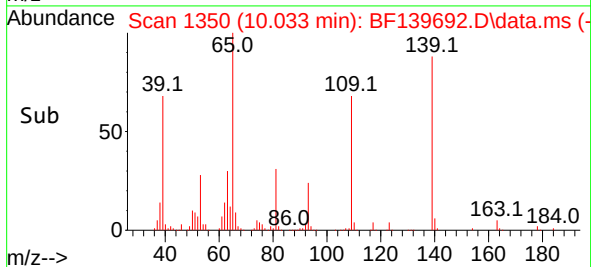
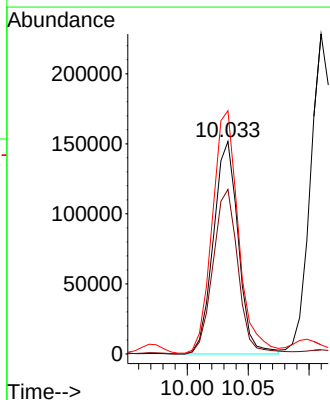
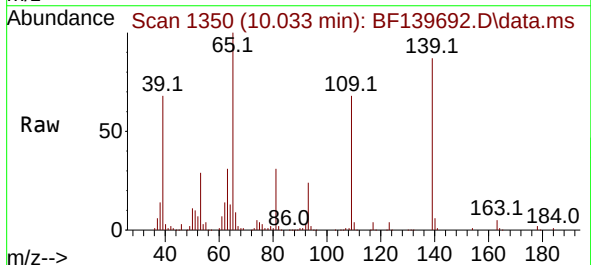
Manual Integrations
APPROVED

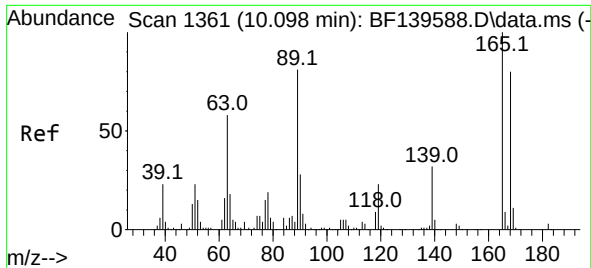
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#56
4-Nitrophenol
Concen: 92.271 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:139 Resp: 215420
Ion Ratio Lower Upper
139 100
109 77.4 60.3 100.3
65 114.4 100.8 140.8





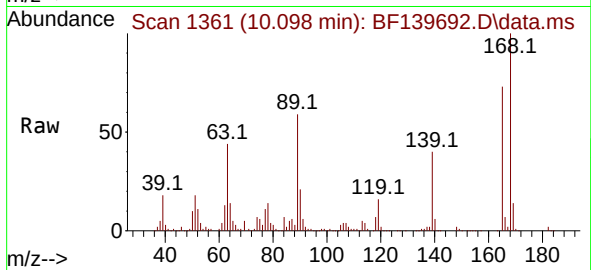
#57
2,4-Dinitrotoluene
Concen: 47.914 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS



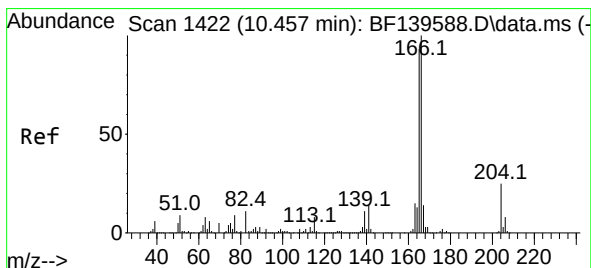
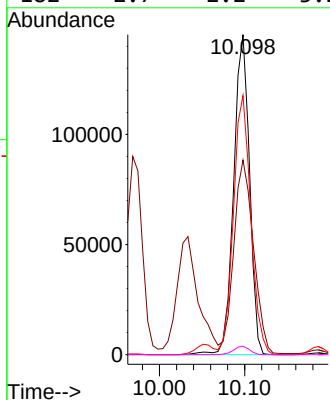
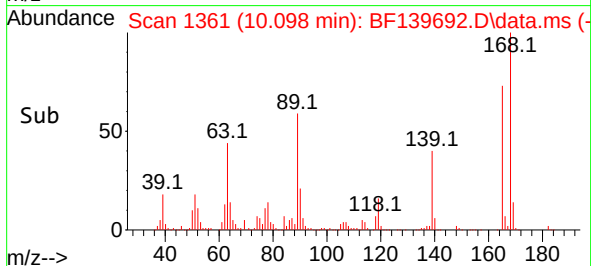
Tgt Ion:165 Resp: 187629
Ion Ratio Lower Upper
165 100
63 60.8 46.9 70.3
89 81.0 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

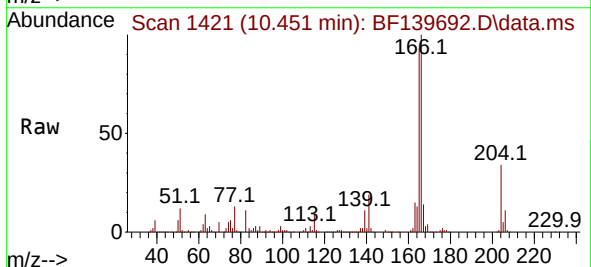
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

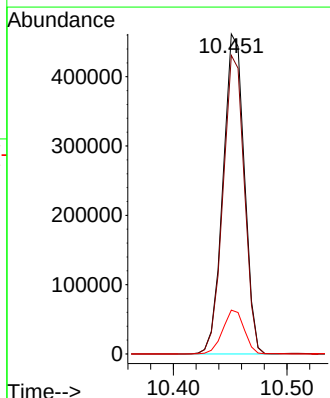
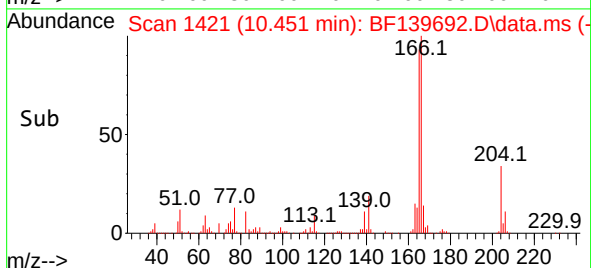
Supervised By :mohammad ahmed 10/09/2024

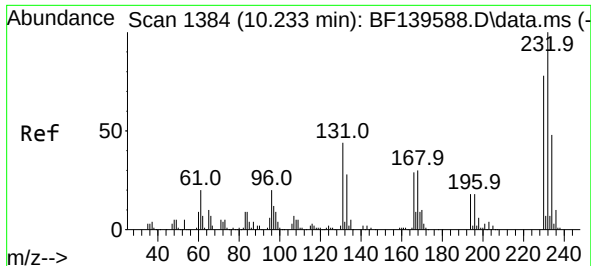


#58
Fluorene
Concen: 45.743 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



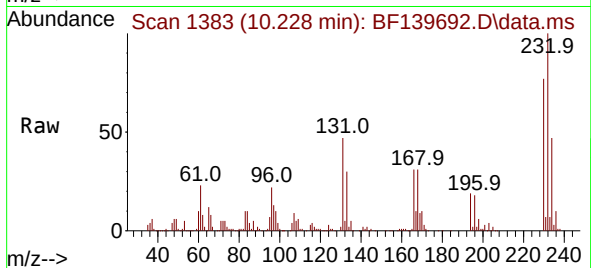
Tgt Ion:166 Resp: 601612
Ion Ratio Lower Upper
166 100
165 93.3 74.4 111.6
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.389 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

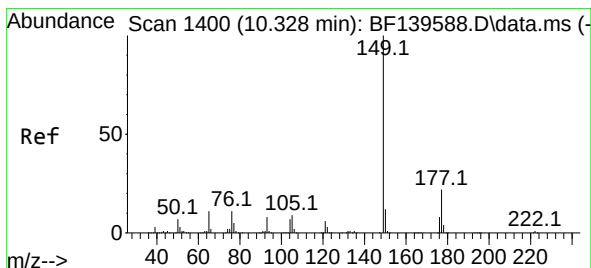
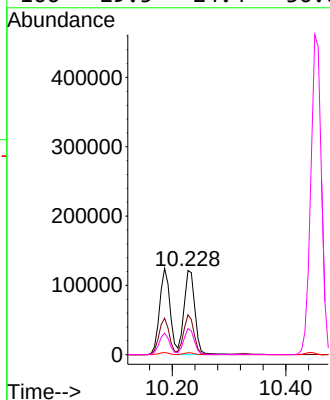
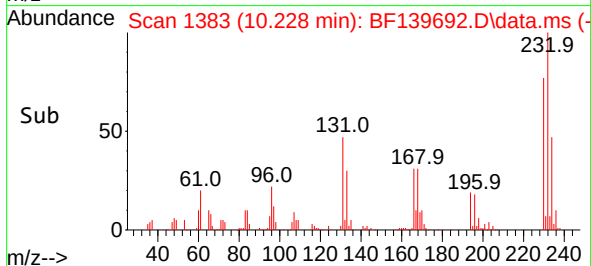
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:232 Resp: 15984
Ion Ratio Lower Upper
232 100
131 45.4 37.8 56.6
130 2.3 1.9 2.9
166 29.5 24.4 36.6

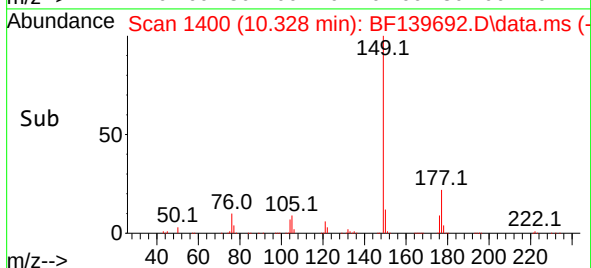
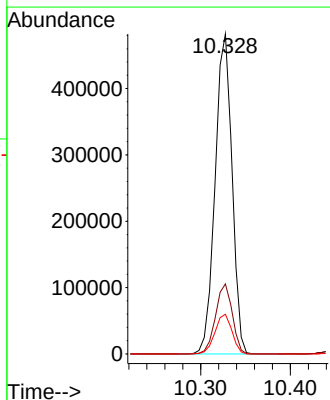
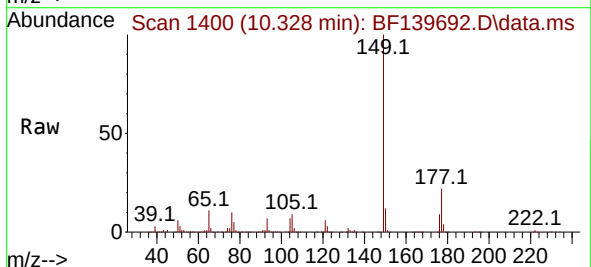
Manual Integrations
APPROVED

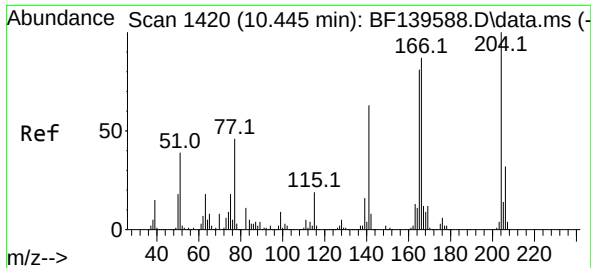
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#60
Diethylphthalate
Concen: 46.005 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

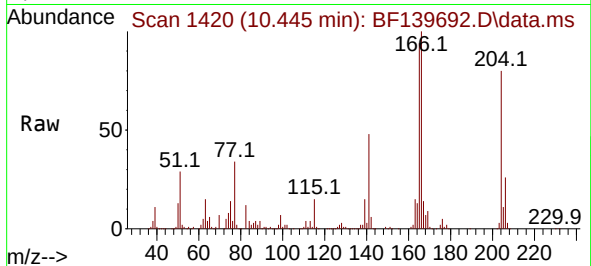
Tgt Ion:149 Resp: 630182
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.121 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

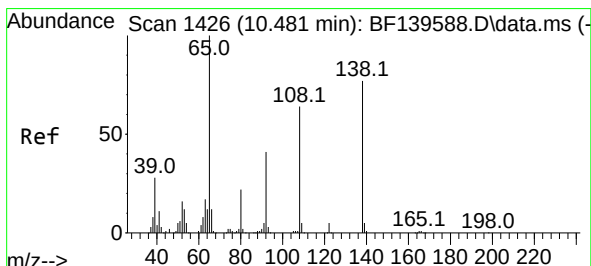
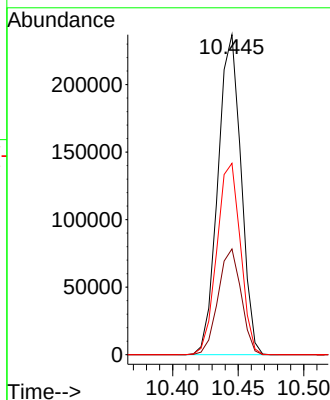
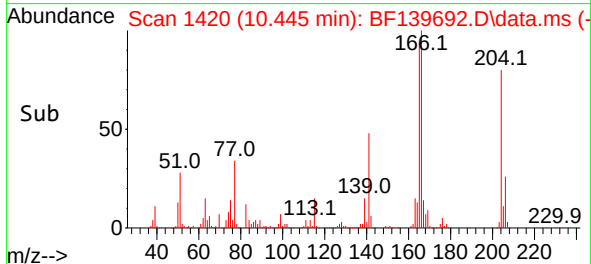
Instrument :
BNA_F
ClientSampleId :
IB-4MS



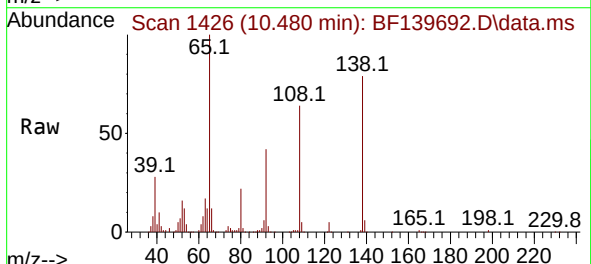
Tgt Ion:204 Resp: 29030
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 59.8 50.5 75.7

Manual Integrations
APPROVED

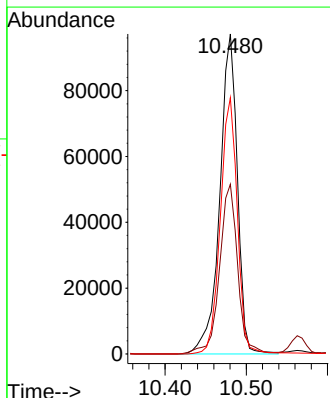
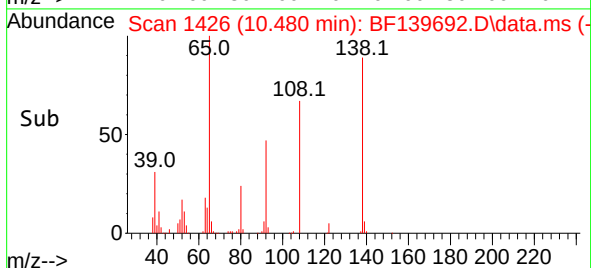
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

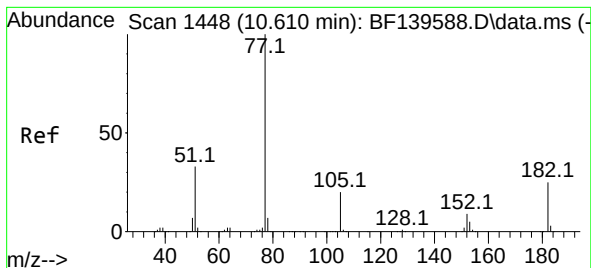


#62
4-Nitroaniline
Concen: 46.788 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



Tgt Ion:138 Resp: 146517
Ion Ratio Lower Upper
138 100
92 53.0 33.3 73.3
108 80.1 62.1 102.1





#63

Azobenzene

Concen: 53.302 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion: 77 Resp: 73426

Ion Ratio Lower Upper

77 100

182 24.4 4.2 44.2

105 22.6 0.0 39.6

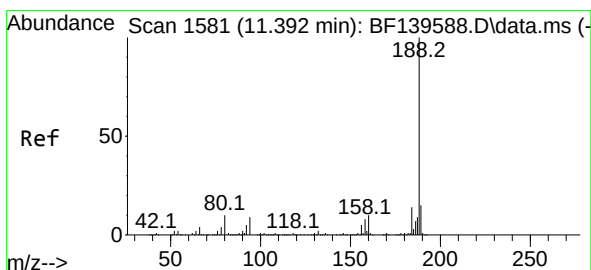
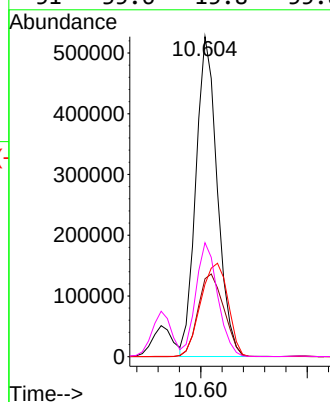
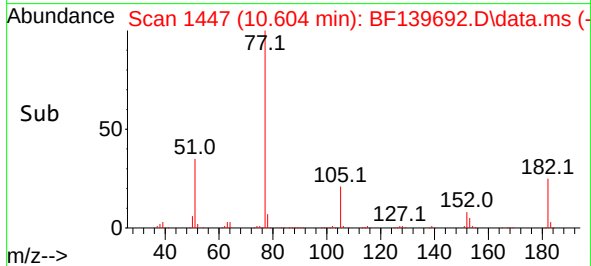
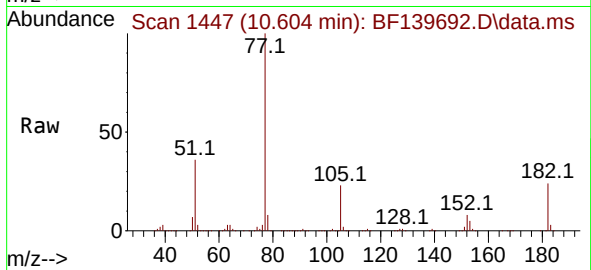
51 35.6 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

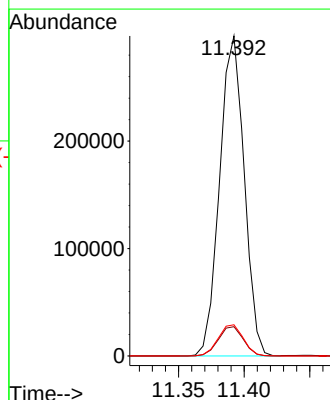
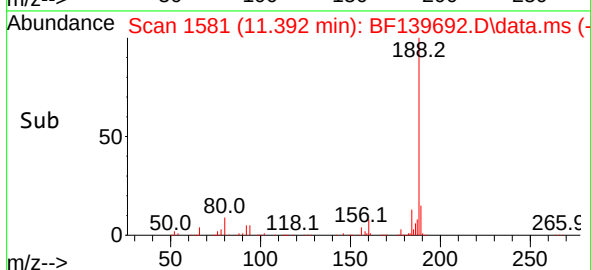
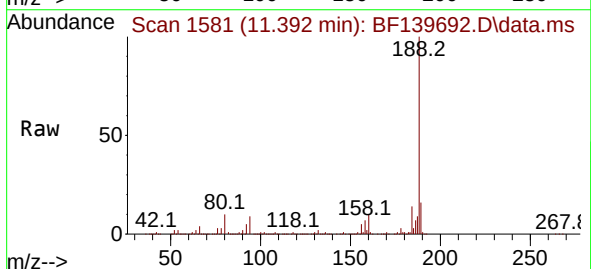
Tgt Ion:188 Resp: 387701

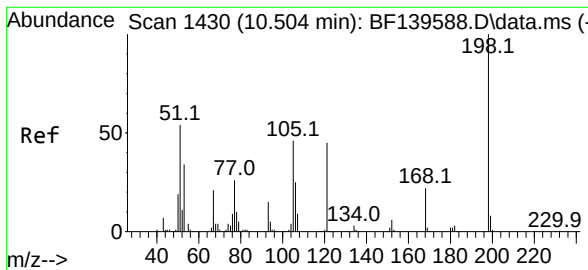
Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.8 8.2 12.2





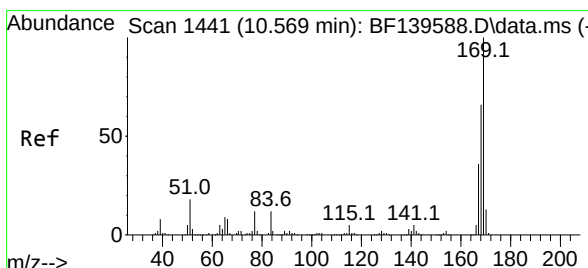
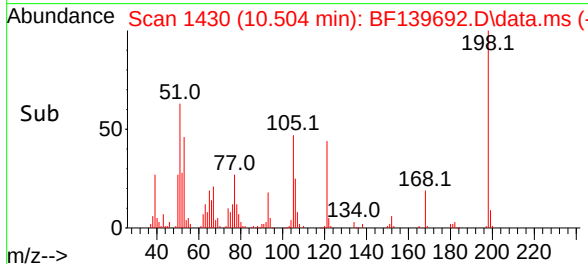
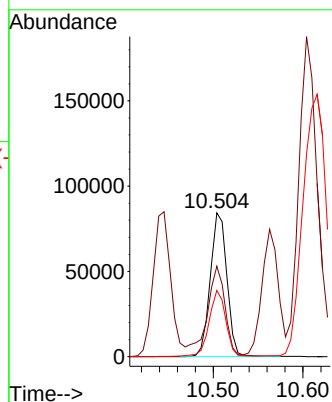
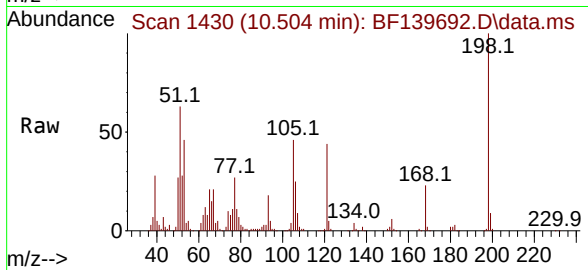
#65
4,6-Dinitro-2-methylphenol
Concen: 49.667 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:198 Resp: 10875
Ion Ratio Lower Upper
198 100
51 62.9 43.0 83.0
105 46.0 26.6 66.6

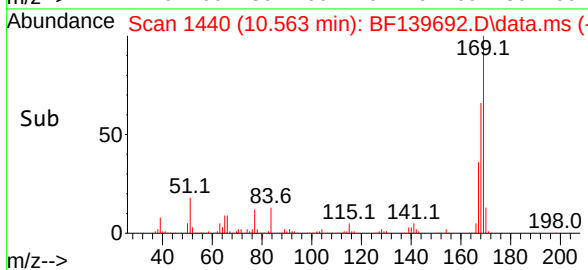
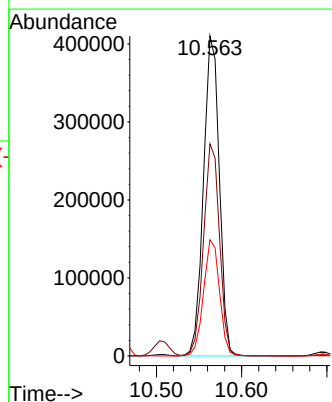
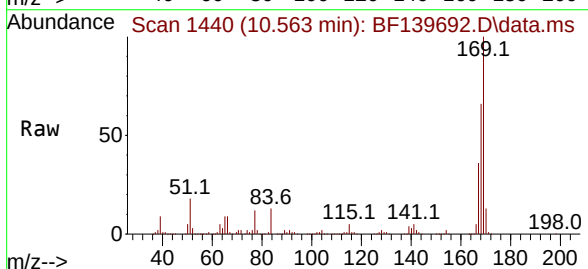
Manual Integrations
APPROVED

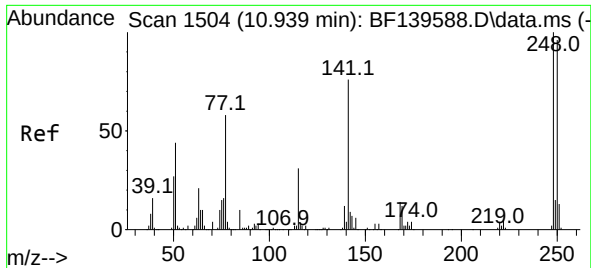
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#66
n-Nitrosodiphenylamine
Concen: 46.347 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

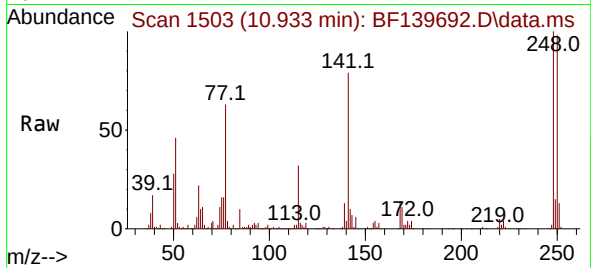
Tgt Ion:169 Resp: 529652
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 44.249 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

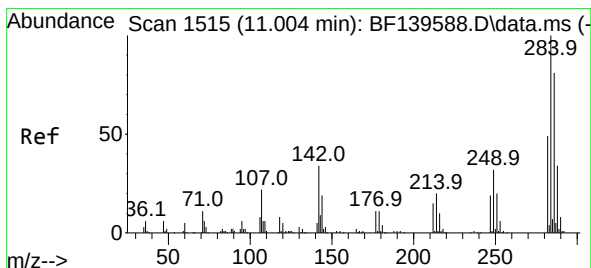
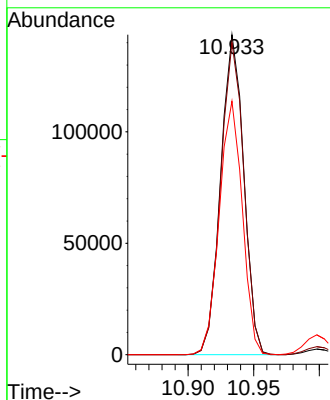
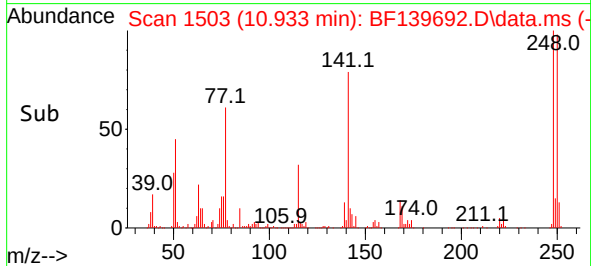
Instrument :
BNA_F
ClientSampleId :
IB-4MS



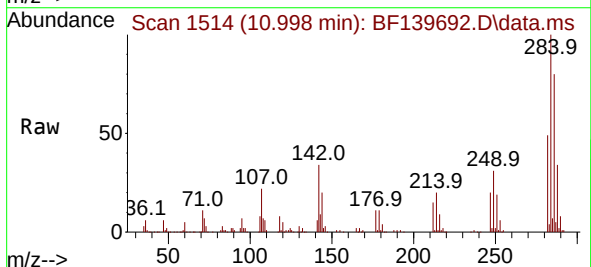
Tgt Ion:248 Resp: 175890
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 79.2 60.4 90.6

Manual Integrations
APPROVED

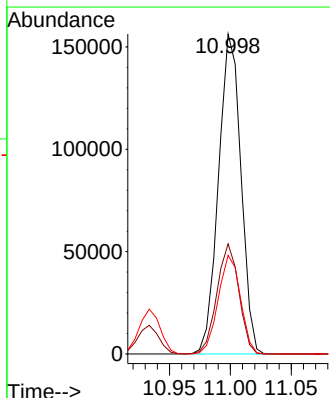
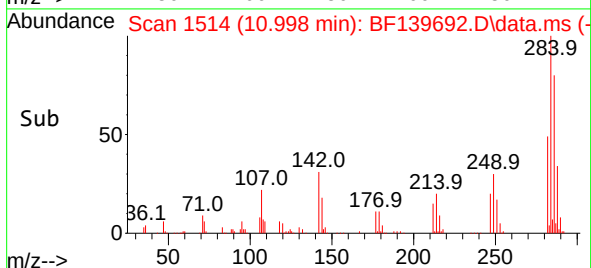
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

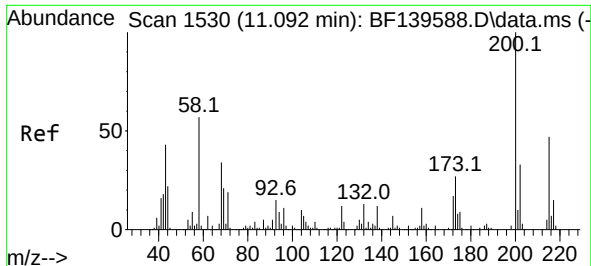


#68
Hexachlorobenzene
Concen: 45.439 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



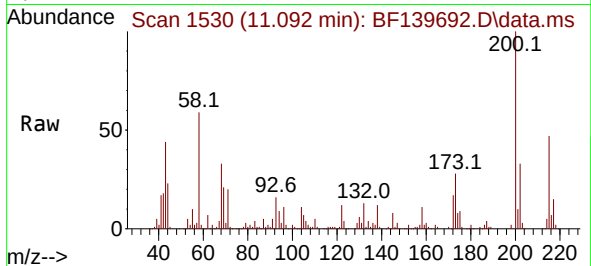
Tgt Ion:284 Resp: 200432
Ion Ratio Lower Upper
284 100
142 34.4 26.9 40.3
249 30.8 25.4 38.0





#69
 Atrazine
 Concen: 57.130 ng
 RT: 11.092 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

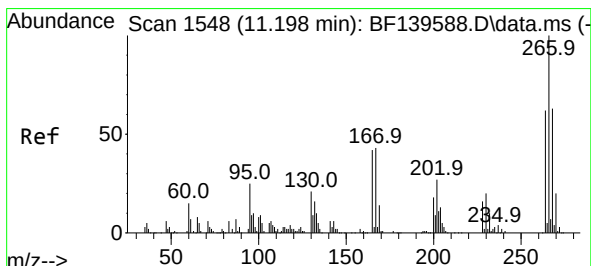
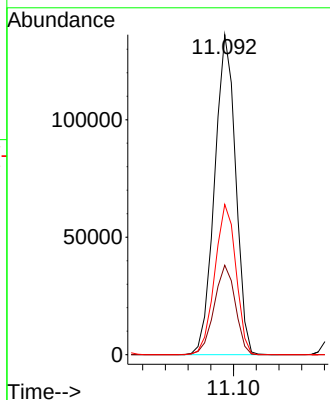
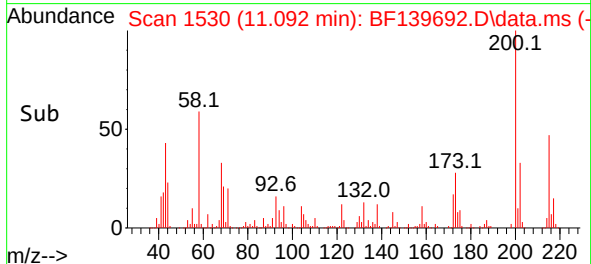
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS



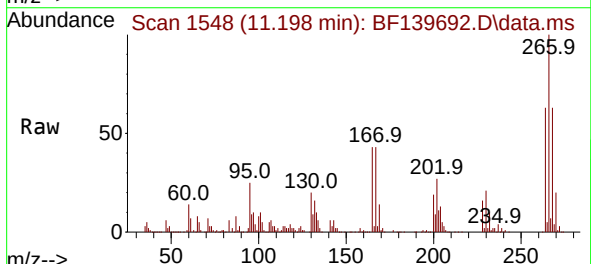
Tgt Ion:200 Resp: 175170
 Ion Ratio Lower Upper
 200 100
 173 28.0 6.7 46.7
 215 46.9 27.5 67.5

Manual Integrations
 APPROVED

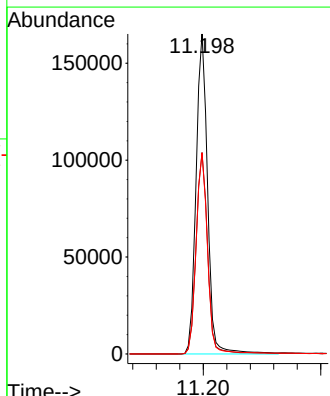
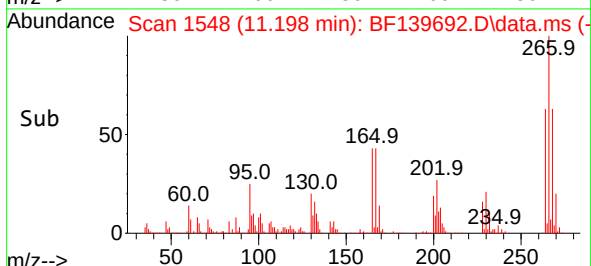
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

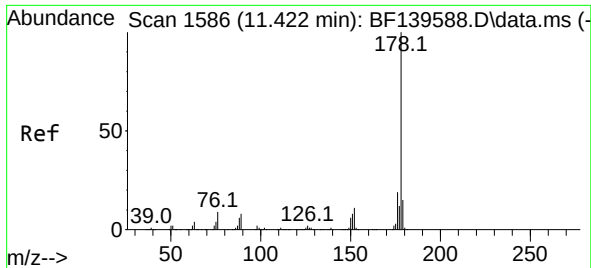


#70
 Pentachlorophenol
 Concen: 85.548 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59



Tgt Ion:266 Resp: 224693
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.0 75.0
 264 62.8 49.3 73.9





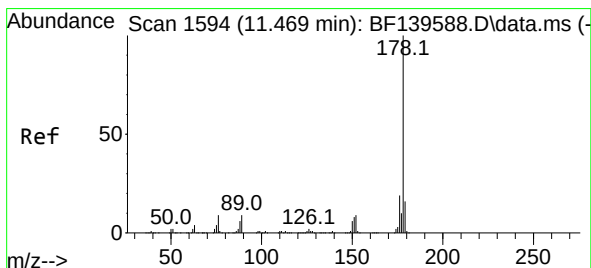
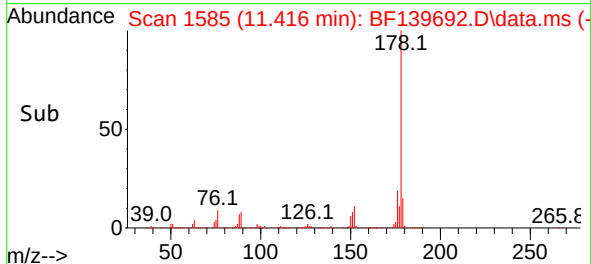
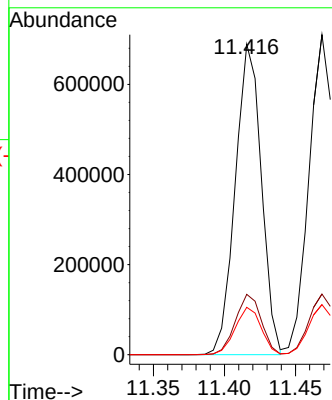
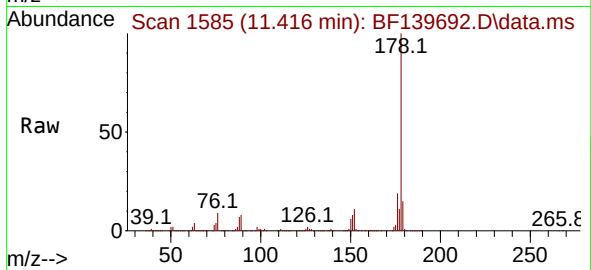
#71
Phenanthrene
Concen: 48.142 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:178 Resp: 880058
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.3 18.5

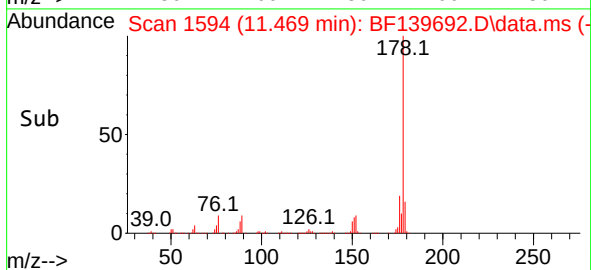
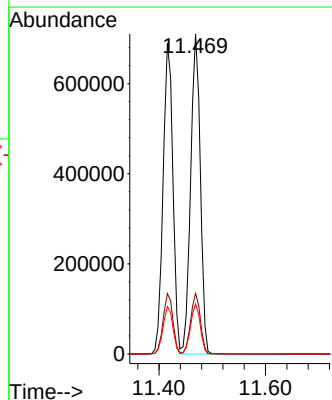
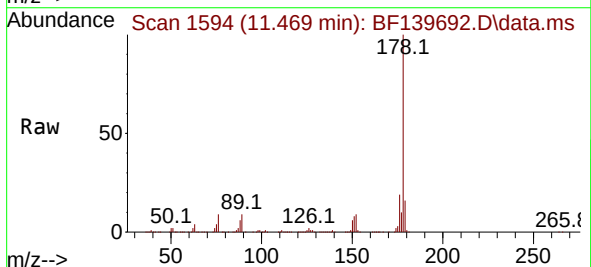
Manual Integrations
APPROVED

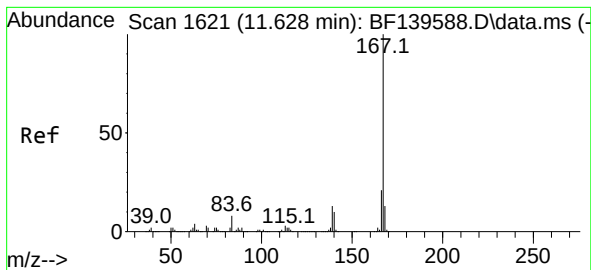
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Anthracene
Concen: 49.617 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

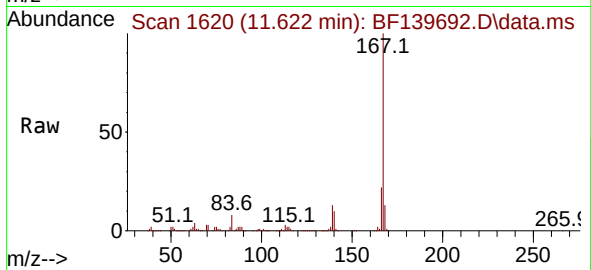
Tgt Ion:178 Resp: 897314
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 47.177 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

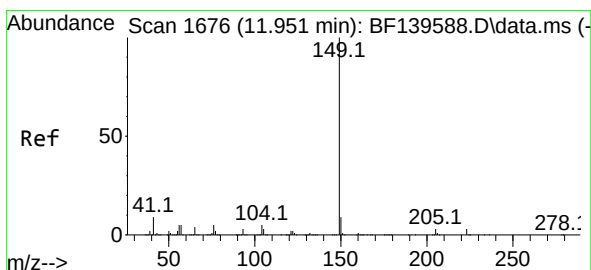
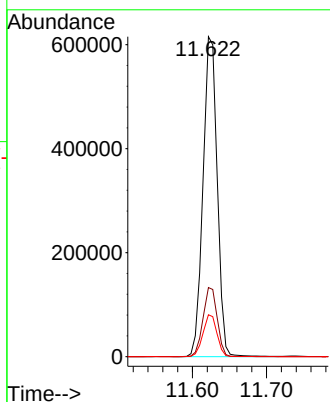
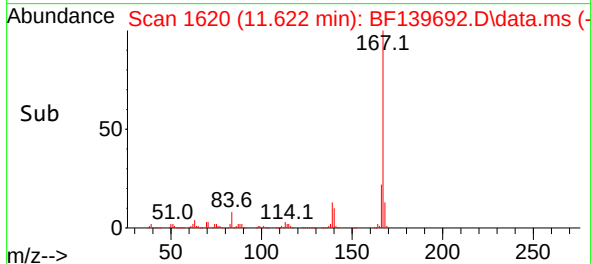
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS



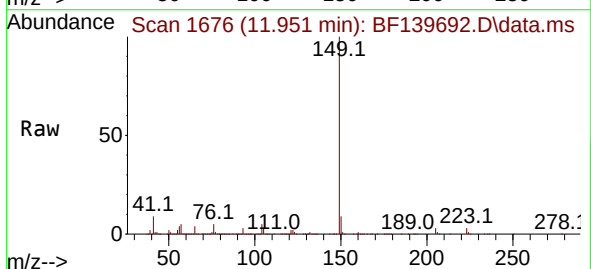
Tgt Ion:167 Resp: 819449
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.1 10.3 15.5

Manual Integrations
 APPROVED

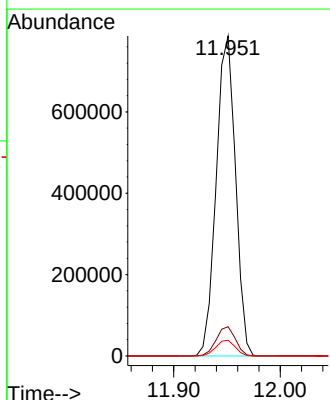
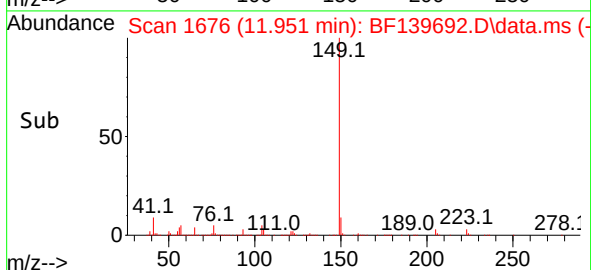
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

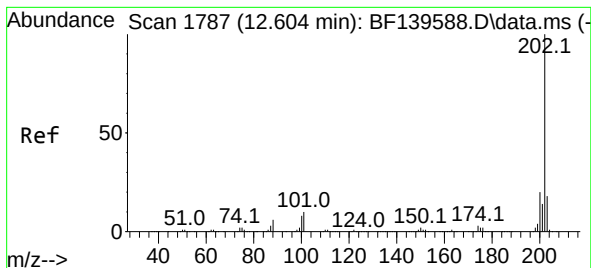


#74
 Di-n-butylphthalate
 Concen: 46.688 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59



Tgt Ion:149 Resp: 986144
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 46.312 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

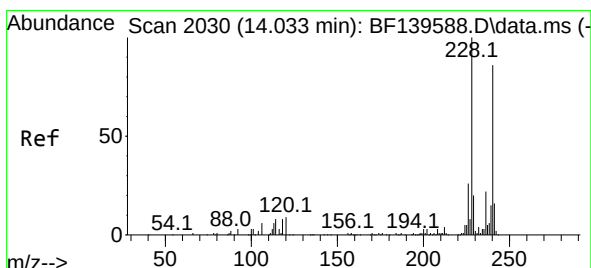
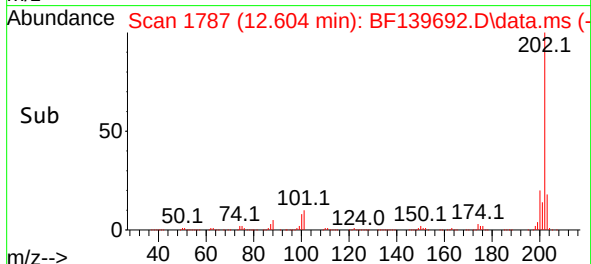
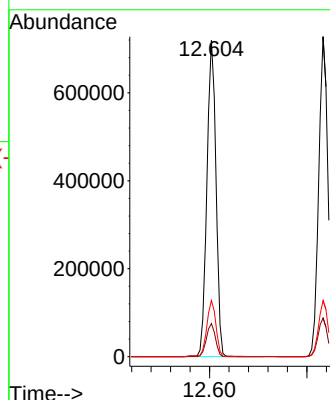
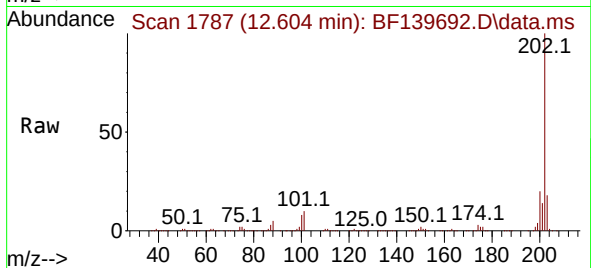
Tgt Ion:	202	Resp:	92546
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.2
203	17.8	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#76

Chrysene-d12

Concen: 20.000 ng

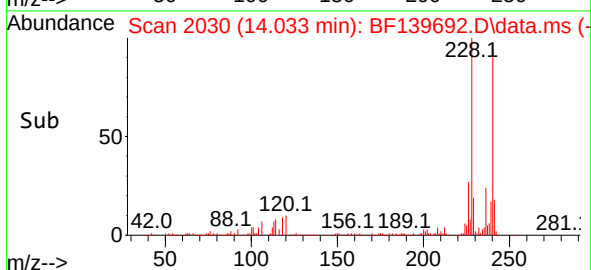
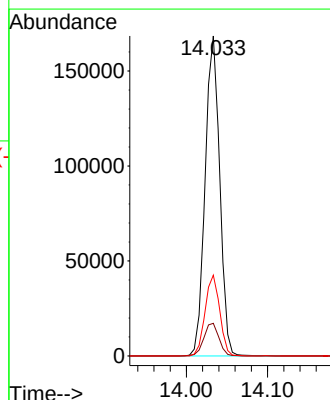
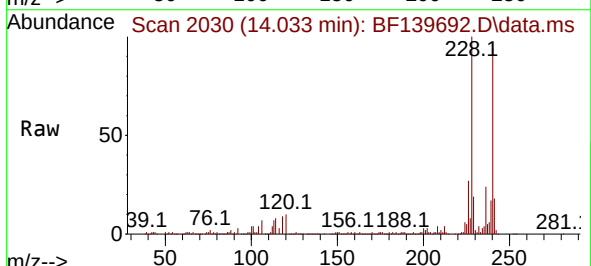
RT: 14.033 min Scan# 2030

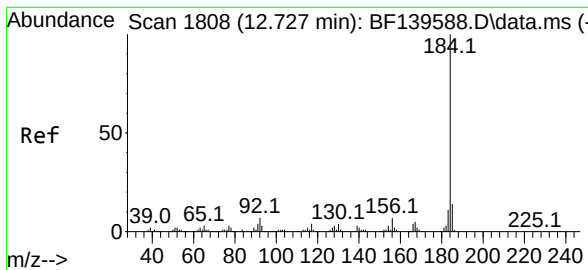
Delta R.T. 0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Tgt Ion:	240	Resp:	209779
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	25.3	20.3	30.5





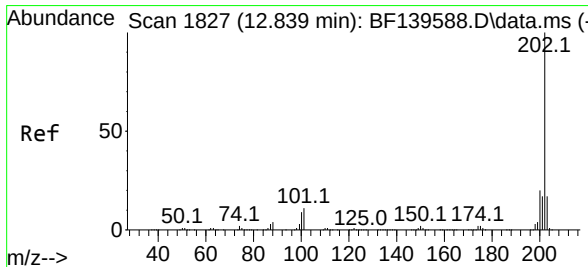
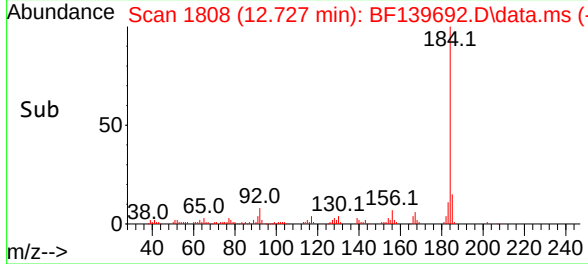
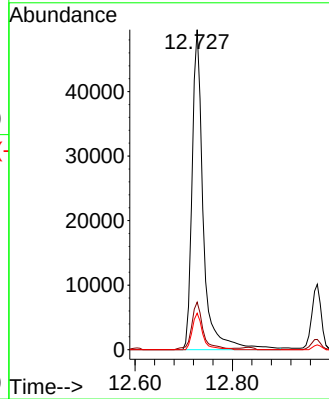
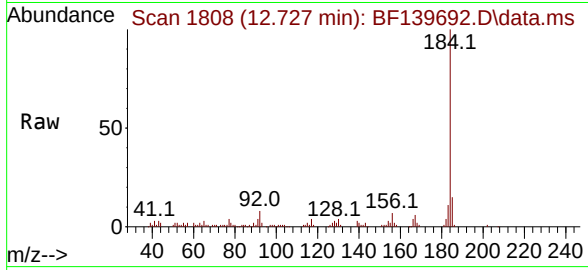
#77
Benzidine
Concen: 21.448 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:184 Resp: 7936
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 11.4 8.8 13.2

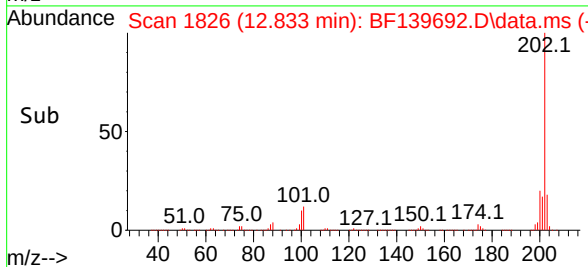
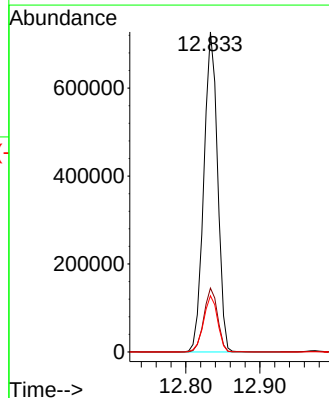
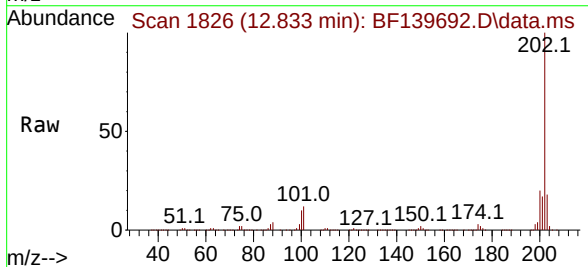
Manual Integrations
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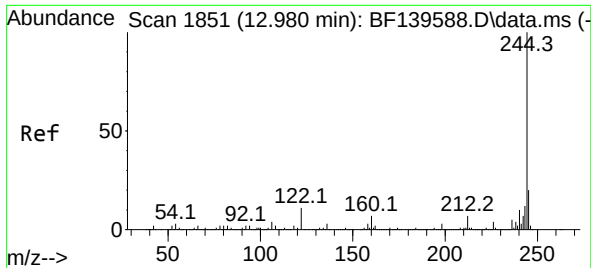
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#78
Pyrene
Concen: 50.220 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

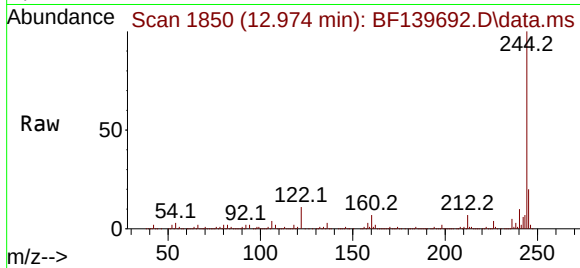
Tgt Ion:202 Resp: 942252
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.6
203 17.5 13.8 20.8





#79
 Terphenyl-d14
 Concen: 75.226 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

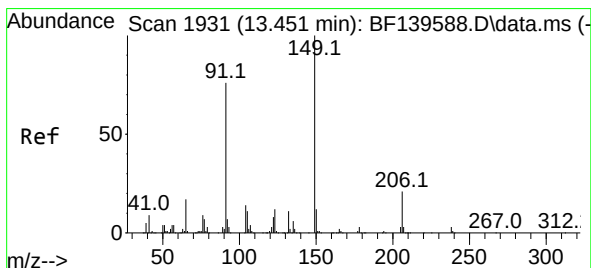
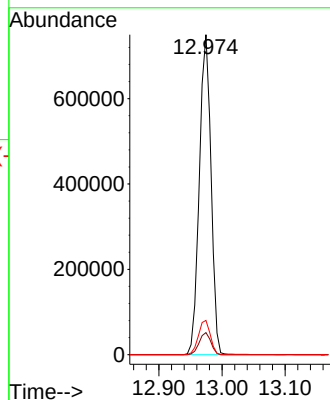
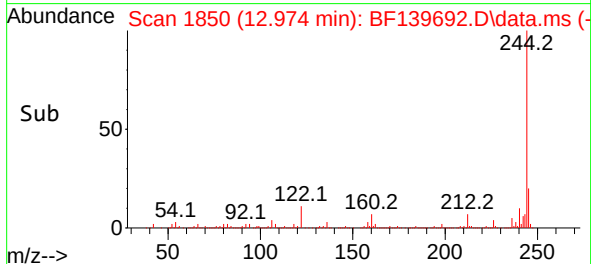
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS



Tgt Ion:244 Resp: 961754
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.7 8.6 12.8

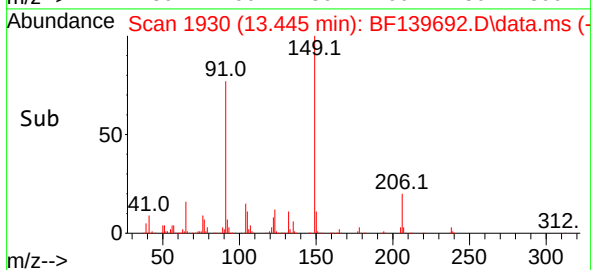
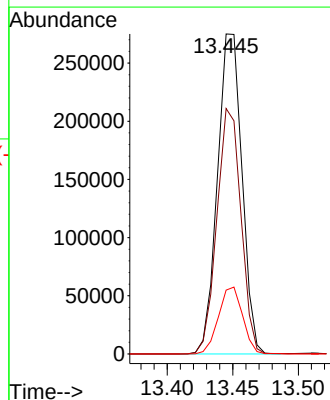
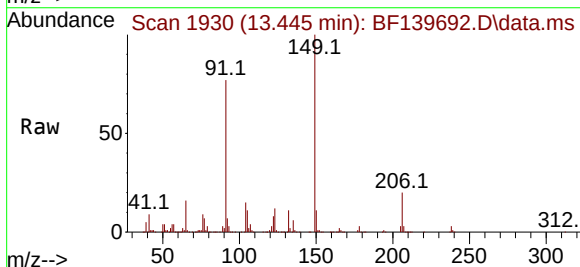
Manual Integrations
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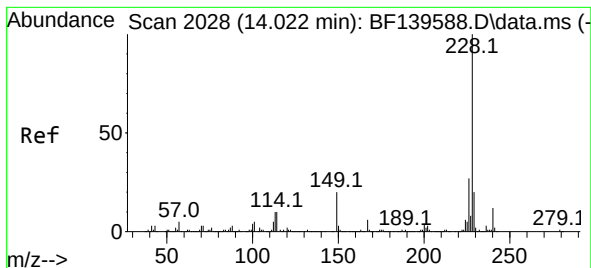
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024



#80
 Butylbenzylphthalate
 Concen: 53.289 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

Tgt Ion:149 Resp: 357634
 Ion Ratio Lower Upper
 149 100
 91 76.7 61.0 91.4
 206 20.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.408 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:228 Resp: 66765

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

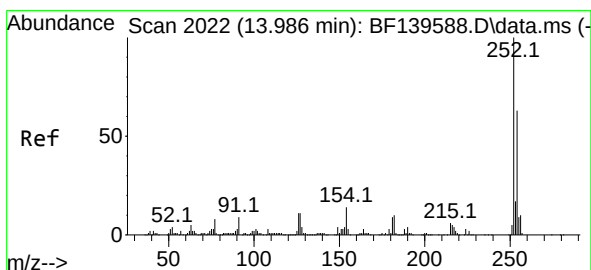
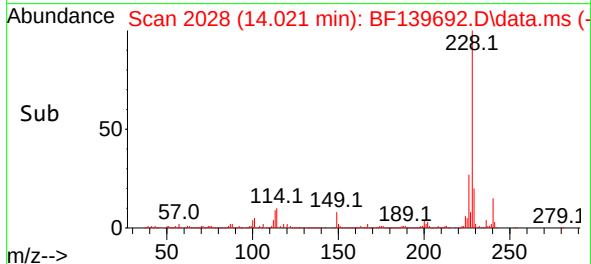
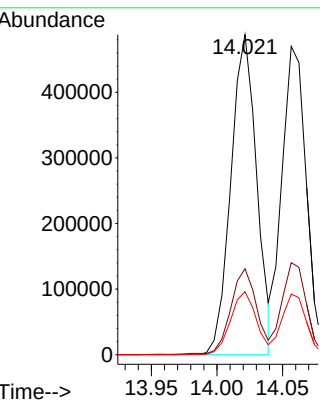
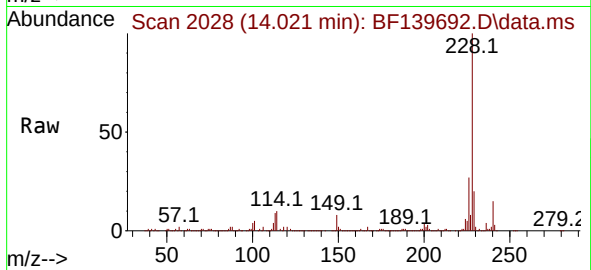
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#82

3,3'-Dichlorobenzidine

Concen: 33.721 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

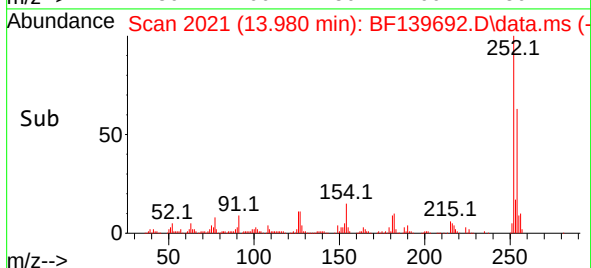
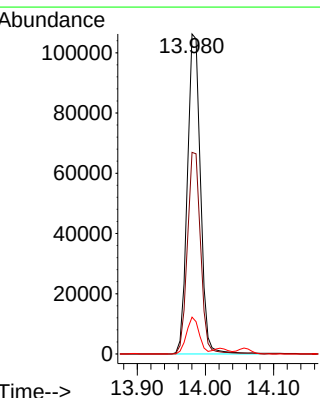
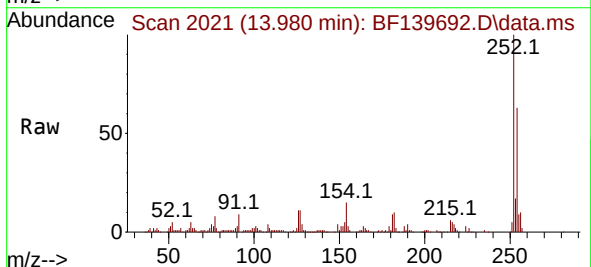
Tgt Ion:252 Resp: 142337

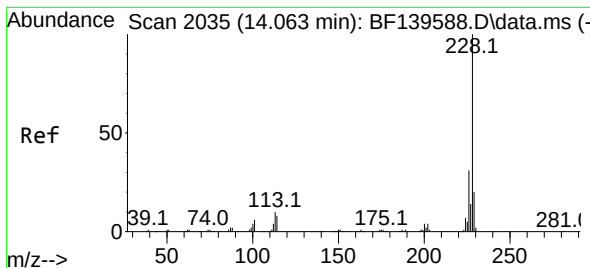
Ion Ratio Lower Upper

252 100

254 63.0 50.5 75.7

126 11.5 8.8 13.2





#83

Chrysene

Concen: 48.216 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:228 Resp: 607979

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

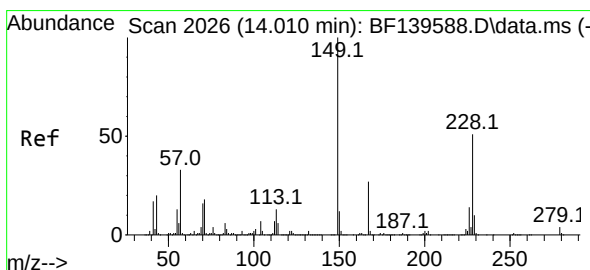
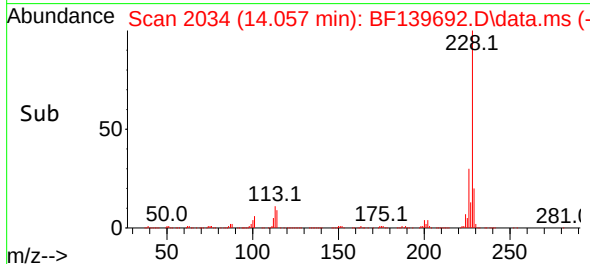
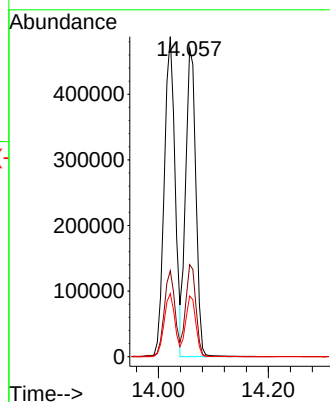
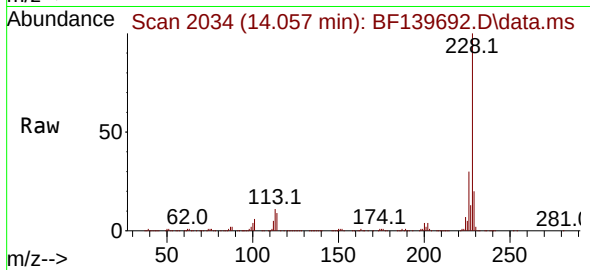
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.785 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

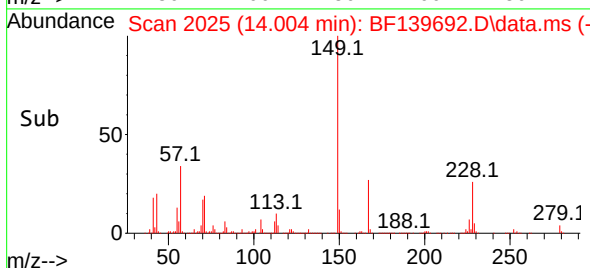
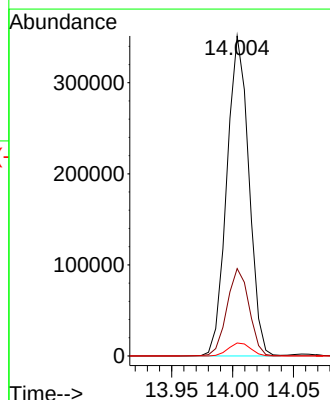
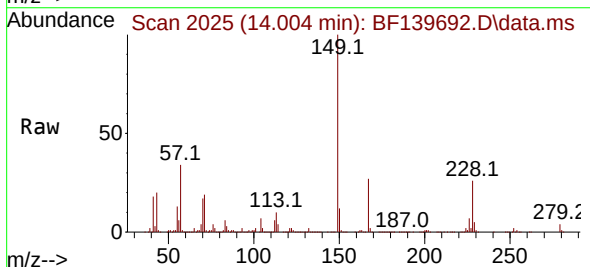
Tgt Ion:149 Resp: 442347

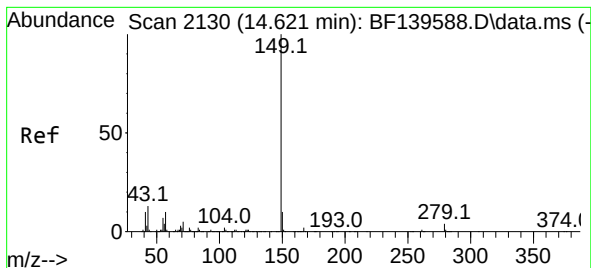
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

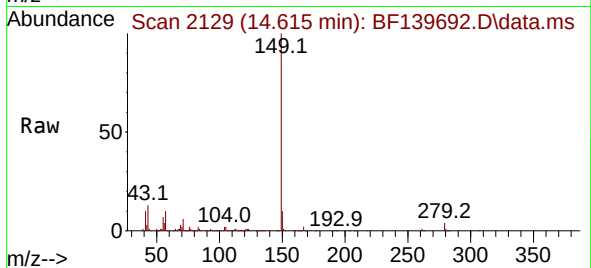
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 50.287 ng
RT: 14.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

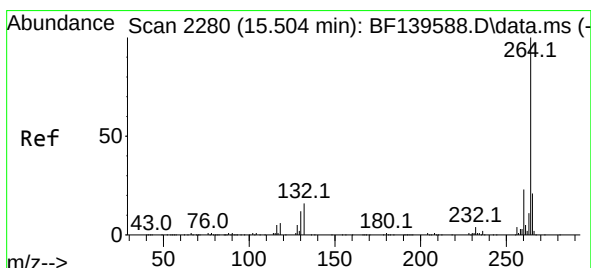
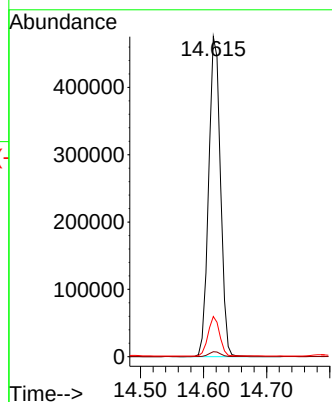
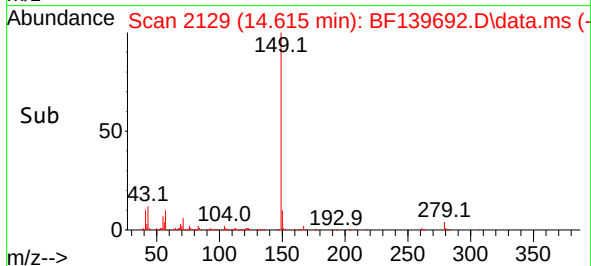
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:149 Resp: 61910
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.2 10.2 15.2

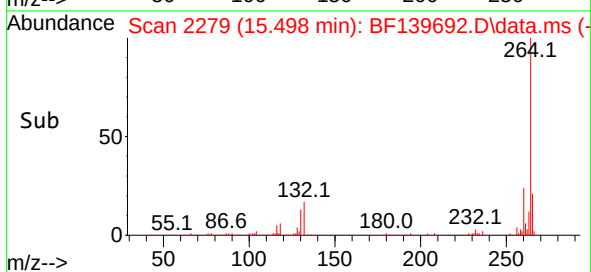
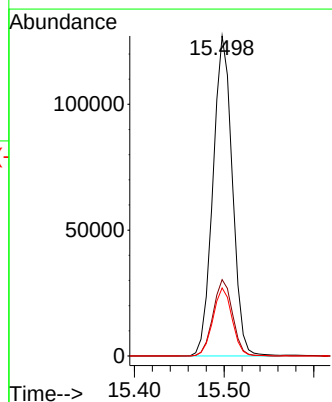
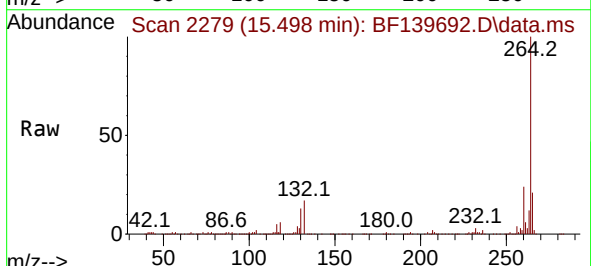
Manual Integrations
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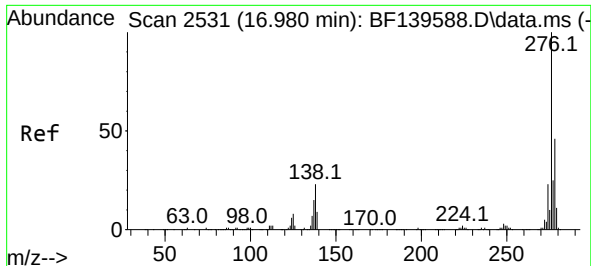
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

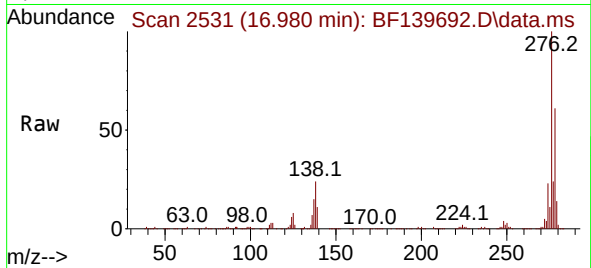
Tgt Ion:264 Resp: 190896
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.3 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.663 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

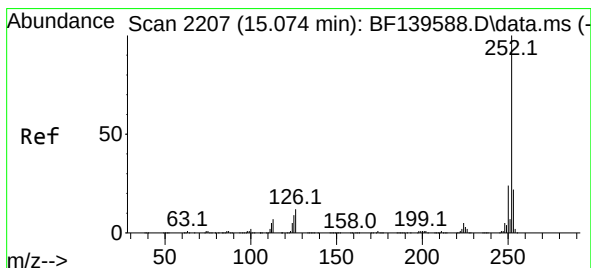
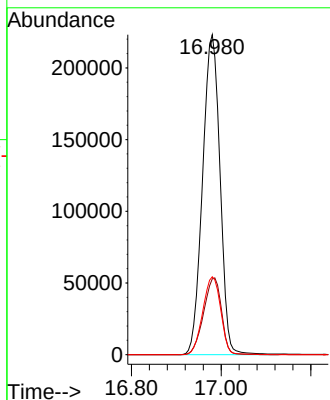
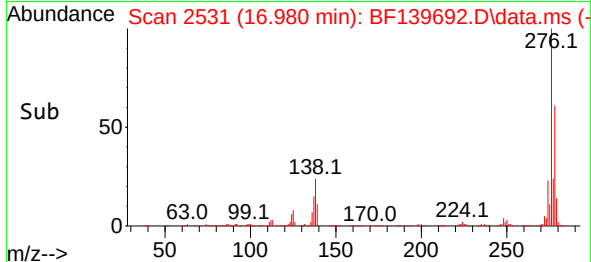
Instrument :
BNA_F
ClientSampleId :
IB-4MS



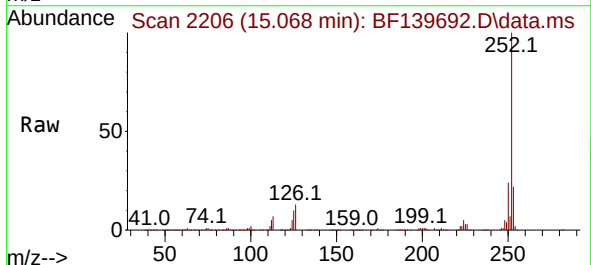
Tgt Ion:276 Resp: 602939
Ion Ratio Lower Upper
276 100
138 24.6 19.4 29.0
277 25.0 20.2 30.2

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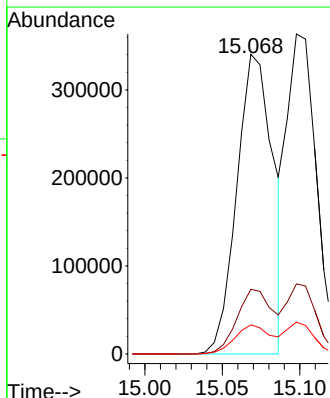
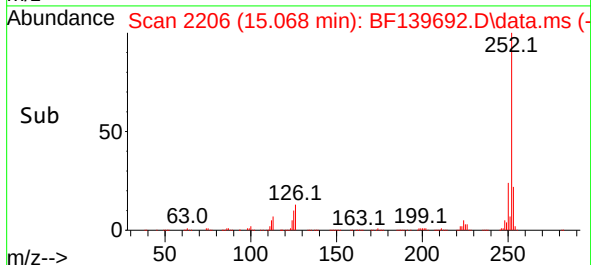
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

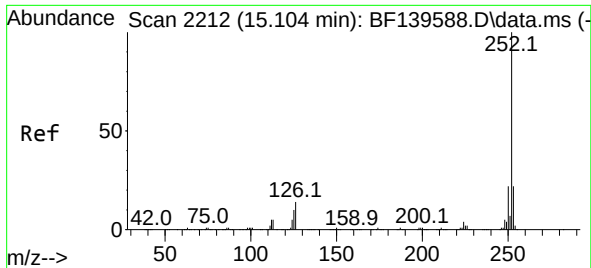


#88
Benzo(b)fluoranthene
Concen: 44.846 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



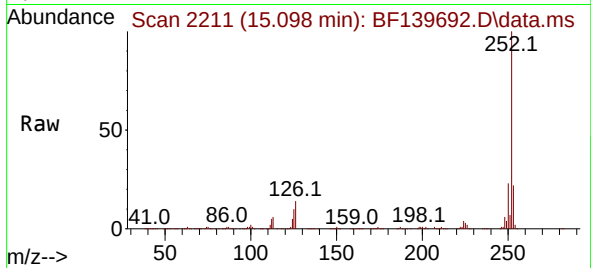
Tgt Ion:252 Resp: 553536
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 45.910 ng
RT: 15.098 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

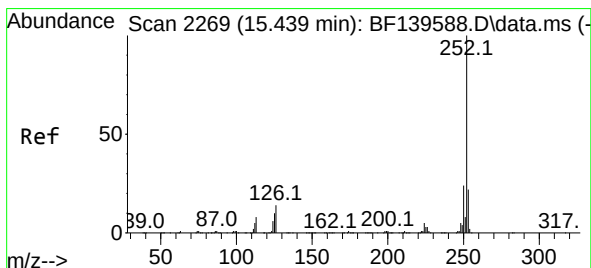
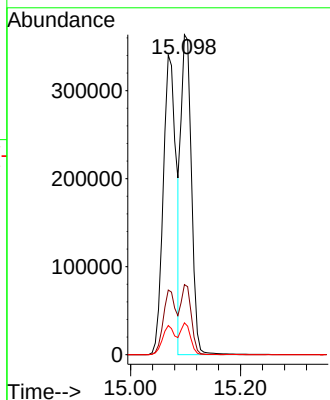
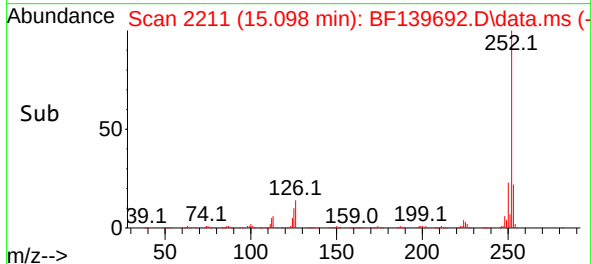
Instrument :
BNA_F
ClientSampleId :
IB-4MS



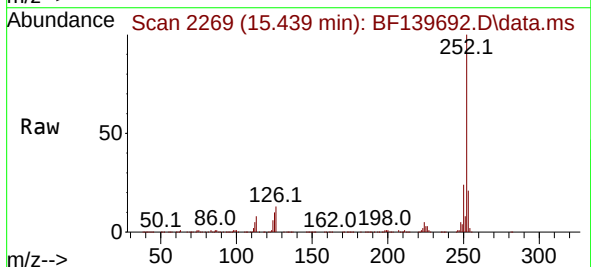
Tgt Ion:252 Resp: 480692
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.9 7.6 11.4

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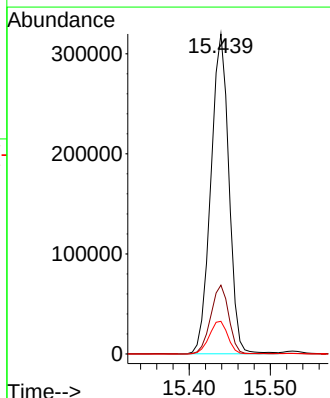
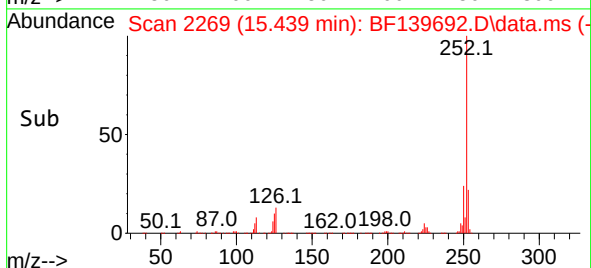
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

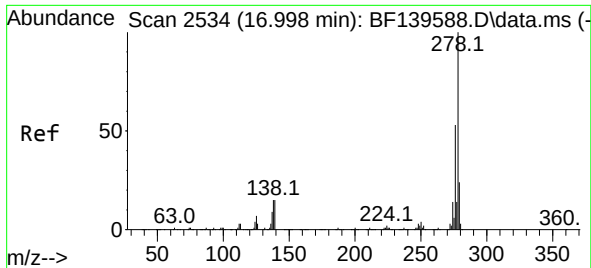


#90
Benzo(a)pyrene
Concen: 50.640 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59



Tgt Ion:252 Resp: 492854
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.2 8.3 12.5





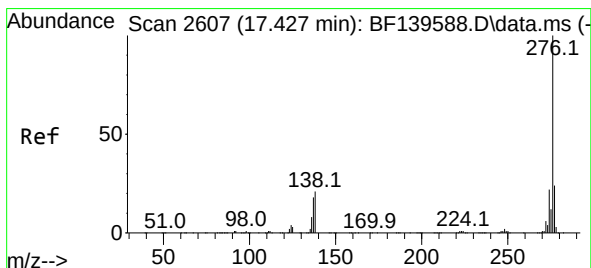
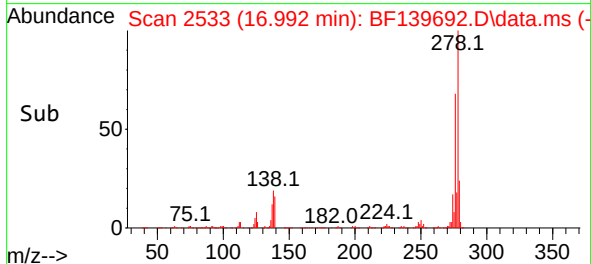
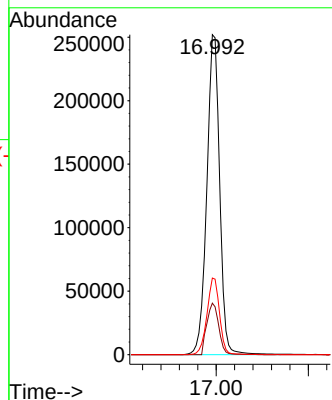
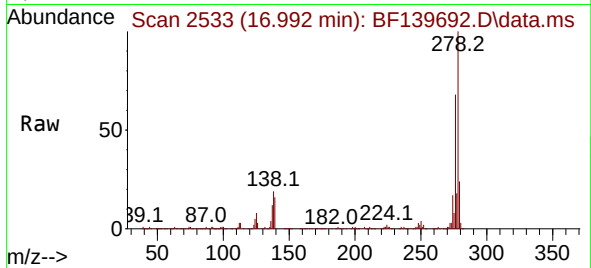
#91
Dibenzo(a,h)anthracene
Concen: 52.665 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:278 Resp: 490785
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.4
279 23.9 19.2 28.8

Manual Integrations
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Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#92
Benzo(g,h,i)perylene
Concen: 49.282 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:276 Resp: 460591
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 20.6 17.0 25.6

