

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139729.D
 Acq On : 09 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4321-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:11:21 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	6.869	152	81712	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	300320	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	150423	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	227294	20.000	ng	0.00
76) Chrysene-d12	14.039	240	158691	20.000	ng	0.00
86) Perylene-d12	15.510	264	140761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	432258	91.689	ng	0.00
7) Phenol-d6	6.504	99	576005	90.855	ng	0.00
23) Nitrobenzene-d5	7.434	82	379155	63.921	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	110369	76.007	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	601477	61.385	ng	0.00
79) Terphenyl-d14	12.974	244	415397	42.951	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	105169	51.598	ng	99
3) Pyridine	3.446	79	264859	53.430	ng	98
4) n-Nitrosodimethylamine	3.410	42	172767	53.245	ng	96
6) Aniline	6.534	93	208333	37.032	ng	# 89
8) 2-Chlorophenol	6.657	128	282081	55.847	ng	97
9) Benzaldehyde	6.416	77	92114	27.428	ng	95
10) Phenol	6.522	94	361619	54.245	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	277021	51.037	ng	99
12) 1,3-Dichlorobenzene	6.810	146	295347	51.979	ng	99
13) 1,4-Dichlorobenzene	6.887	146	297411	51.680	ng	100
14) 1,2-Dichlorobenzene	7.040	146	285787	52.987	ng	98
15) Benzyl Alcohol	7.010	79	262217	54.132	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	495683	52.752	ng	80
17) 2-Methylphenol	7.128	107	222279	52.715	ng	98
18) Hexachloroethane	7.381	117	103163	48.060	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	208729	51.210	ng	99
20) 3+4-Methylphenols	7.281	107	281076	53.070	ng	98
22) Acetophenone	7.275	105	382769	53.694	ng	96
24) Nitrobenzene	7.451	77	320779	52.226	ng	100
25) Isophorone	7.692	82	559547	53.112	ng	100
26) 2-Nitrophenol	7.769	139	146594	55.517	ng	99
27) 2,4-Dimethylphenol	7.804	122	215089	66.539	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	335410	53.316	ng	99
29) 2,4-Dichlorophenol	8.010	162	228400	54.171	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	240178	50.370	ng	100
31) Naphthalene	8.175	128	810815	52.805	ng	100
32) Benzoic acid	7.934	122	137488	42.774	ng	99
33) 4-Chloroaniline	8.222	127	71701	13.795	ng	99
34) Hexachlorobutadiene	8.287	225	154170	49.963	ng	99
35) Caprolactam	8.598	113	74087m	53.573	ng	
36) 4-Chloro-3-methylphenol	8.716	107	243131	50.940	ng	98
37) 2-Methylnaphthalene	8.863	142	514151	51.412	ng	100
38) 1-Methylnaphthalene	8.963	142	478518	48.952	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	239353	57.302	ng	99
41) Hexachlorocyclopentadiene	9.010	237	22606	17.650	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	158418	56.259	ng	98

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 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)
44) 2,4,5-Trichlorophenol	9.192	196	160624	52.895	ng	99
46) 1,1'-Biphenyl	9.328	154	623639	55.742	ng	100
47) 2-Chloronaphthalene	9.351	162	454808	54.226	ng	99
48) 2-Nitroaniline	9.451	65	170084	56.491	ng	98
49) Acenaphthylene	9.769	152	726399	56.949	ng	100
50) Dimethylphthalate	9.628	163	564913	57.370	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115093	51.742	ng	97
52) Acenaphthene	9.939	154	458456	52.356	ng	100
53) 3-Nitroaniline	9.863	138	86787	38.180	ng	96
54) 2,4-Dinitrophenol	9.969	184	29990	25.067	ng	98
55) Dibenzofuran	10.110	168	649470	52.973	ng	99
56) 4-Nitrophenol	10.033	139	162628	93.818	ng	96
57) 2,4-Dinitrotoluene	10.098	165	148211	50.975	ng	100
58) Fluorene	10.457	166	494497	50.639	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	125714	51.256	ng	97
60) Diethylphthalate	10.328	149	548048	53.885	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	248852	50.938	ng	98
62) 4-Nitroaniline	10.475	138	101232	43.539	ng	98
63) Azobenzene	10.604	77	604775	59.128	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	26025	20.273	ng	97
66) n-Nitrosodiphenylamine	10.563	169	432032	64.484	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	137712	59.092	ng	97
68) Hexachlorobenzene	11.004	284	140611	54.374	ng	99
69) Atrazine	11.092	200	126016	70.103	ng	97
70) Pentachlorophenol	11.198	266	144319	93.725	ng	98
71) Phenanthrene	11.416	178	693138	64.676	ng	100
72) Anthracene	11.469	178	635623	59.951	ng	99
73) Carbazole	11.627	167	554039	54.408	ng	100
74) Di-n-butylphthalate	11.951	149	743146	60.013	ng	99
75) Fluoranthene	12.610	202	777564	66.371	ng	100
77) Benzidine	12.727	184	187271	66.904	ng	100
78) Pyrene	12.839	202	801201	56.450	ng	100
80) Butylbenzylphthalate	13.451	149	263339	51.871	ng	99
81) Benzo(a)anthracene	14.027	228	677498	64.936	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	159395	49.919	ng	98
83) Chrysene	14.063	228	606374	63.570	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	380182	59.972	ng	100
85) Di-n-octyl phthalate	14.621	149	640006	68.720	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	378604	45.698	ng	99
88) Benzo(b)fluoranthene	15.080	252	634537	69.719	ng	99
89) Benzo(k)fluoranthene	15.110	252	465210	60.257	ng	99
90) Benzo(a)pyrene	15.451	252	487645	67.951	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	297439	43.285	ng	100
92) Benzo(g,h,i)perylene	17.439	276	279027	40.488	ng	100

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

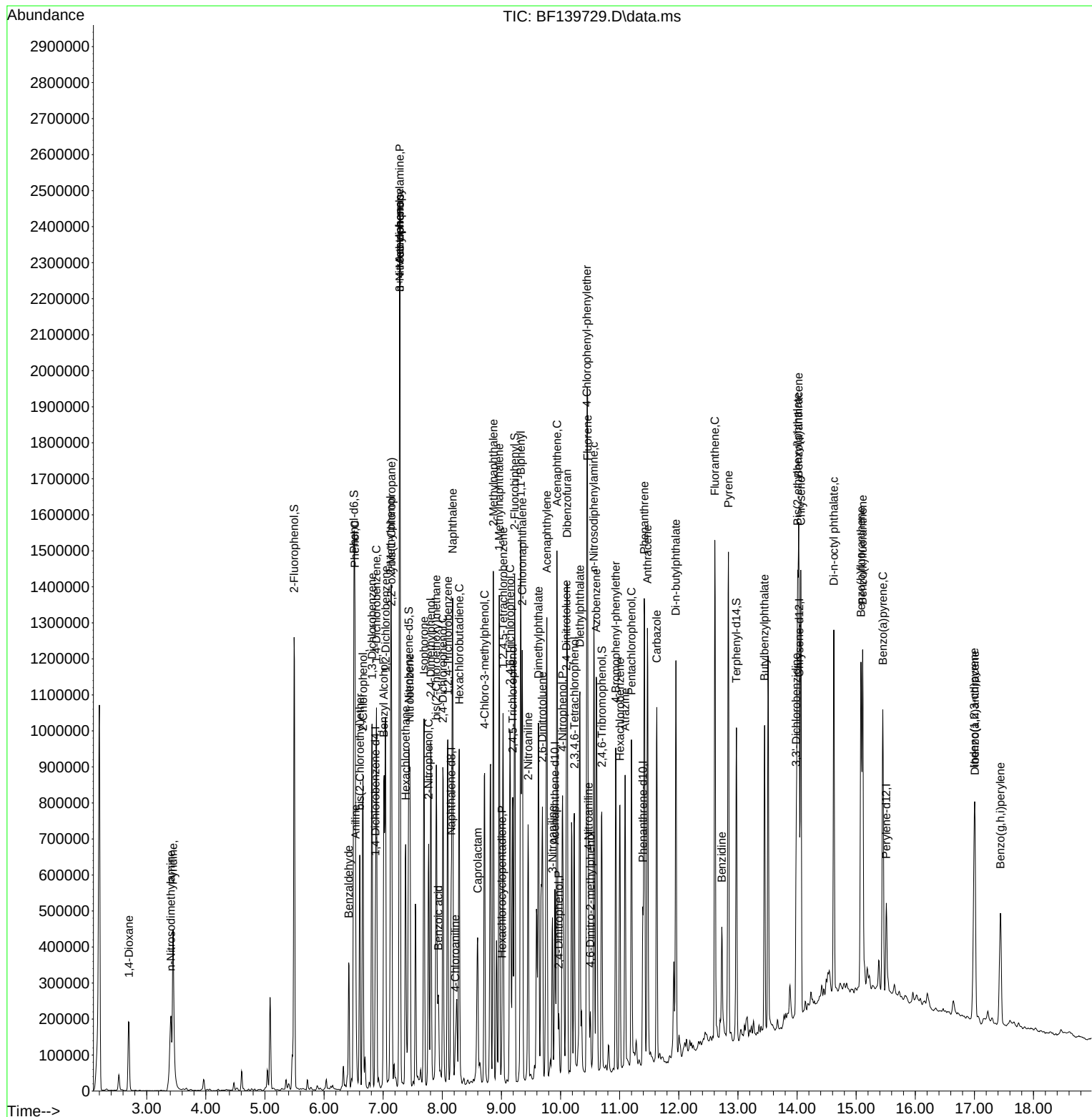
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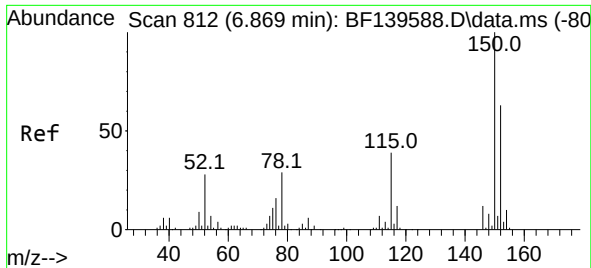
Instrument :
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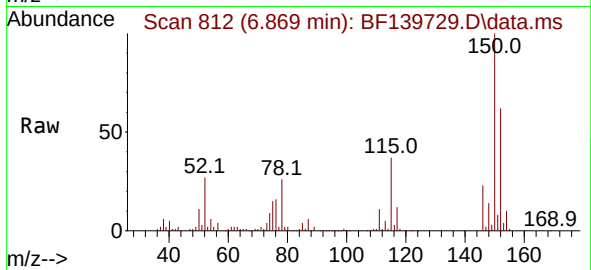
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

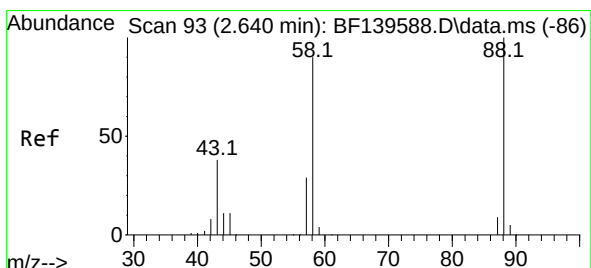
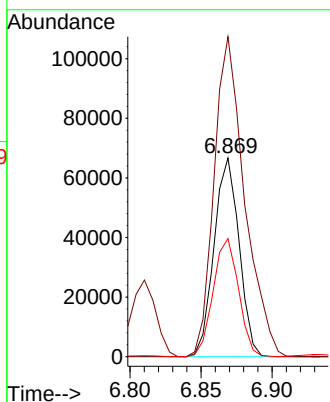
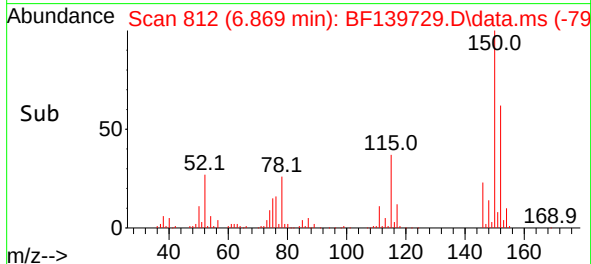
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:152 Resp: 8171
Ion Ratio Lower Upper
152 100
150 161.1 127.2 190.8
115 59.4 49.0 73.4

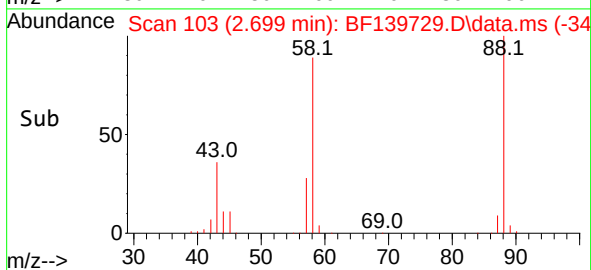
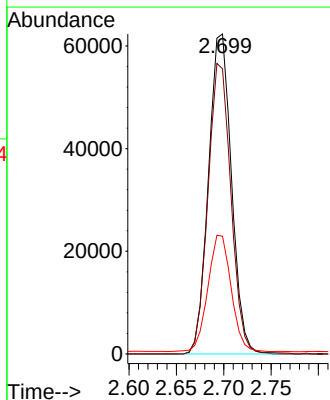
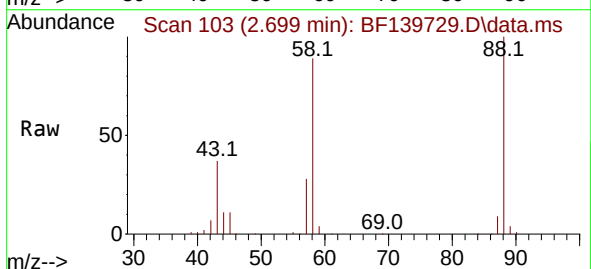
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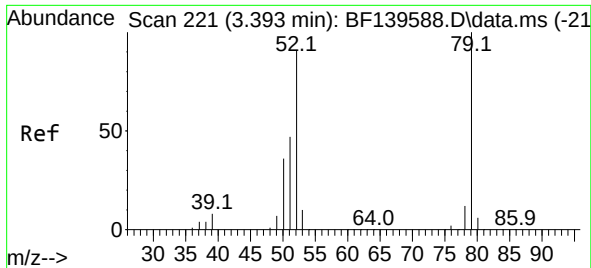
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 51.598 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.059 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 88 Resp: 105169
Ion Ratio Lower Upper
88 100
58 90.7 72.0 108.0
43 37.0 30.8 46.2





#3

Pyridine

Concen: 53.430 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

Tgt Ion: 79 Resp: 26485

Ion Ratio Lower Upper

79 100

52 89.7 72.6 109.0

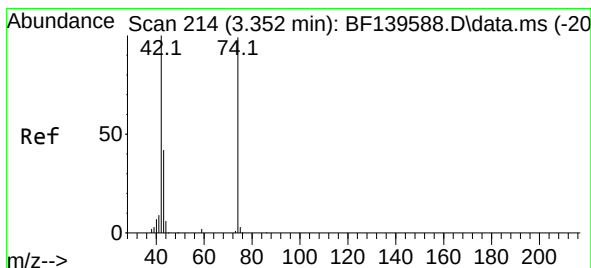
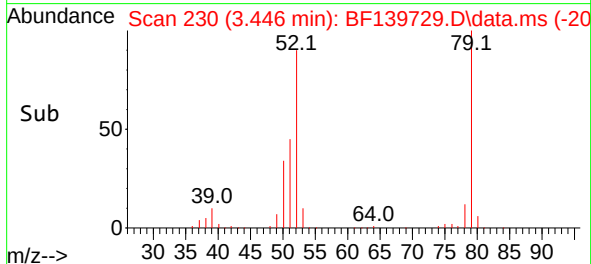
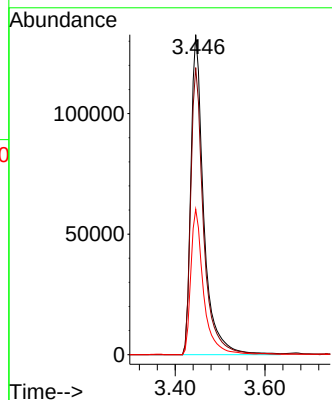
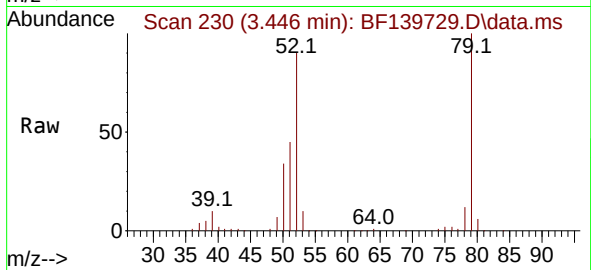
51 45.4 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#4

n-Nitrosodimethylamine

Concen: 53.245 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF139729.D

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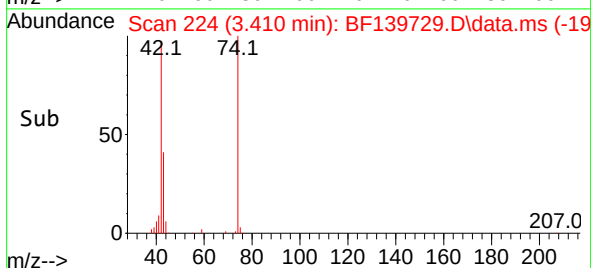
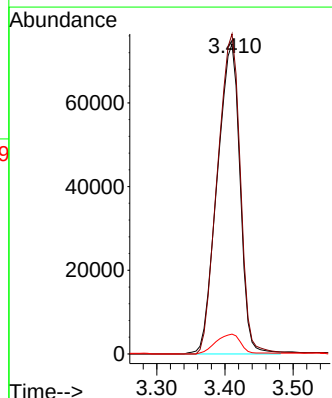
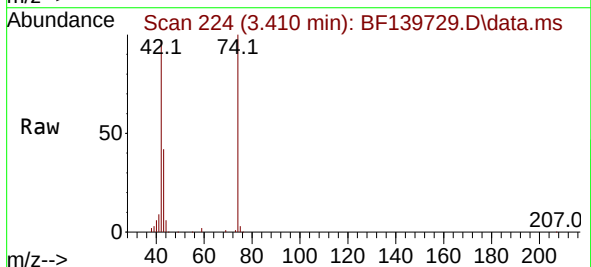
Tgt Ion: 42 Resp: 172767

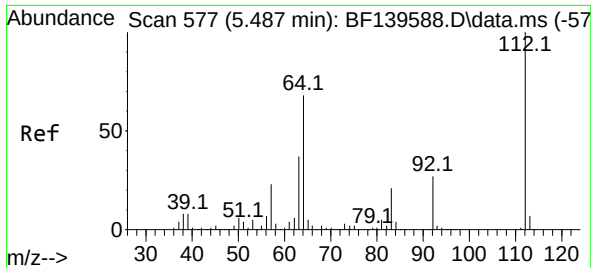
Ion Ratio Lower Upper

42 100

74 103.2 79.0 118.6

44 6.4 5.2 7.8





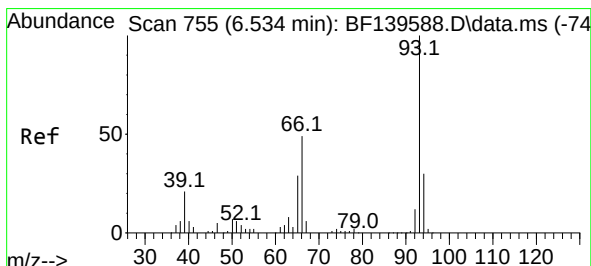
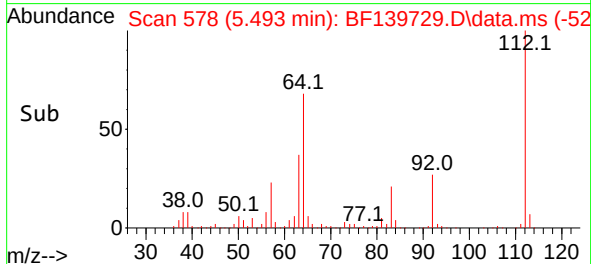
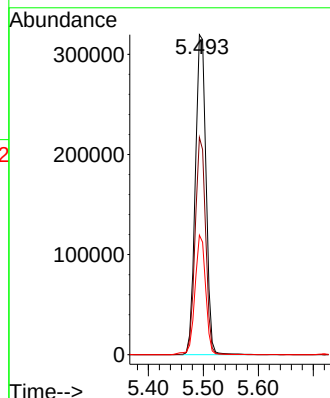
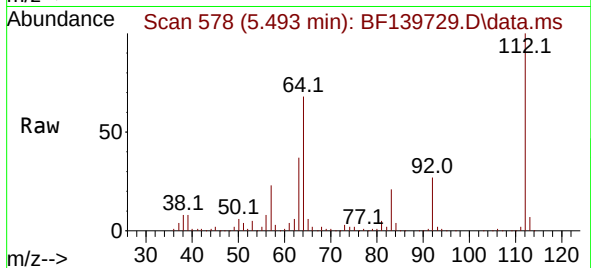
#5
2-Fluorophenol
Concen: 91.689 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

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BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion:112 Resp: 432258
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.4 29.4 44.2

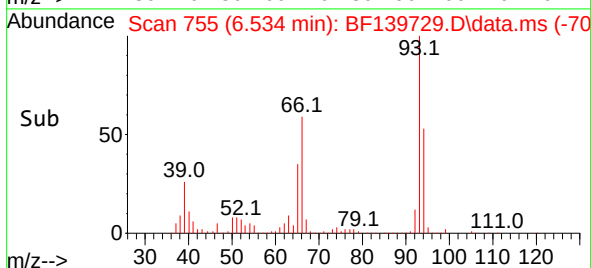
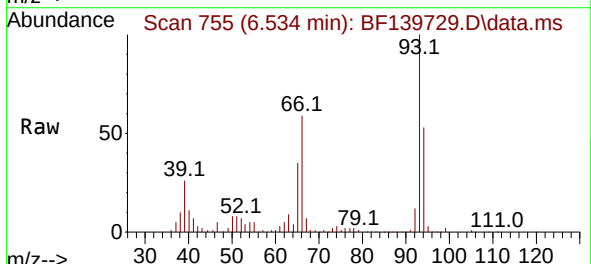
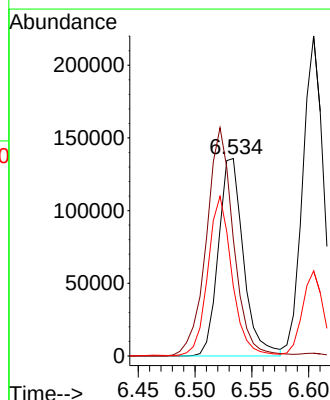
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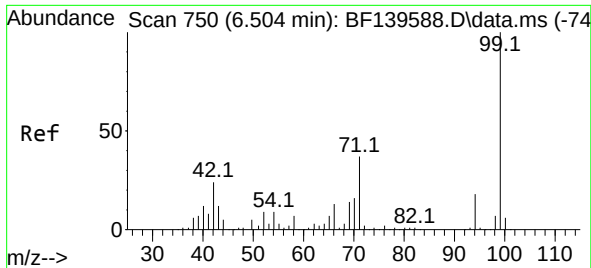
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 37.032 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

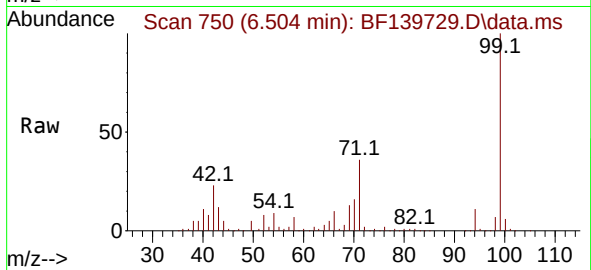
Tgt Ion: 93 Resp: 208333
Ion Ratio Lower Upper
93 100
66 59.1 40.9 61.3
65 35.2 23.3 34.9#





#7
Phenol-d6
Concen: 90.855 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

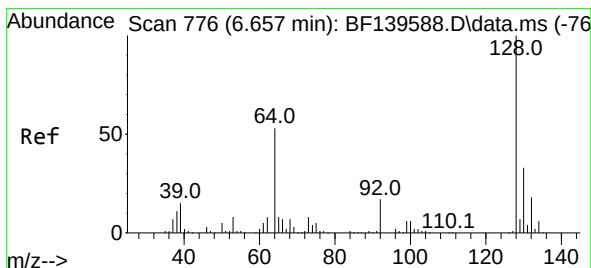
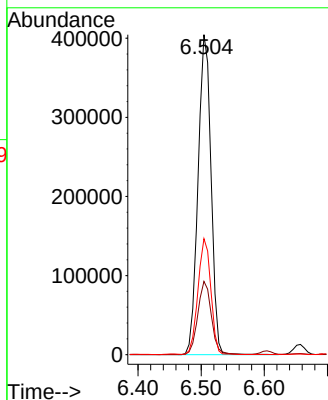
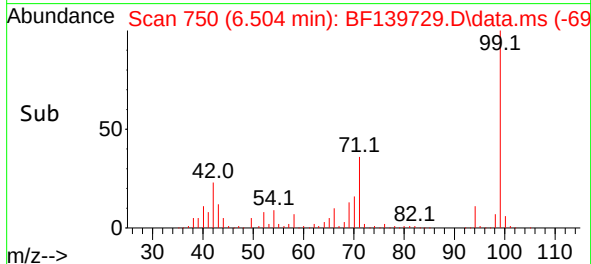
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Tgt Ion: 99 Resp: 57600
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.3 29.7 44.5

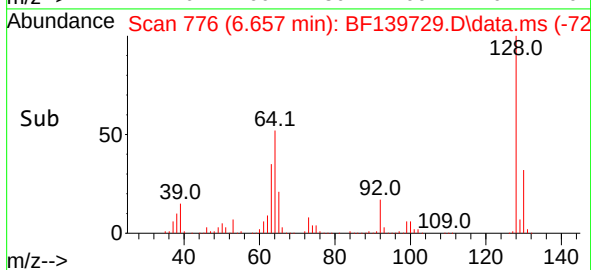
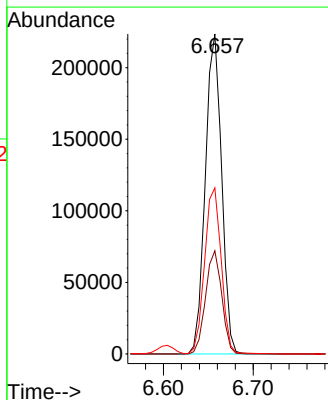
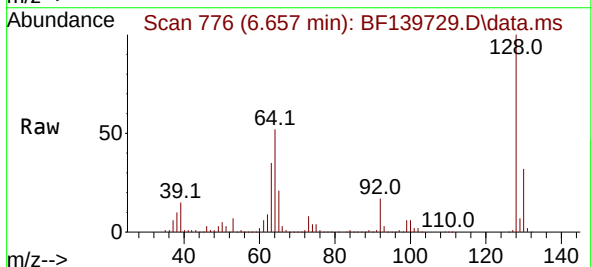
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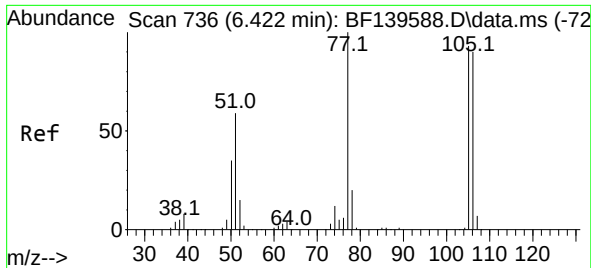
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#8
2-Chlorophenol
Concen: 55.847 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:128 Resp: 282081
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 51.9 35.1 75.1





#9

Benzaldehyde

Concen: 27.428 ng

RT: 6.416 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

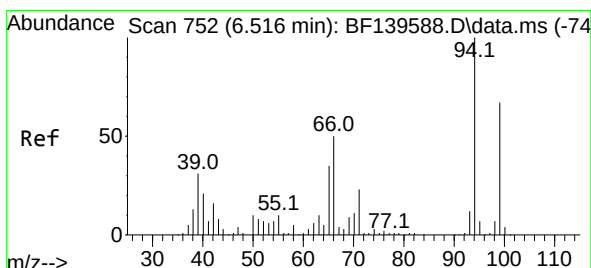
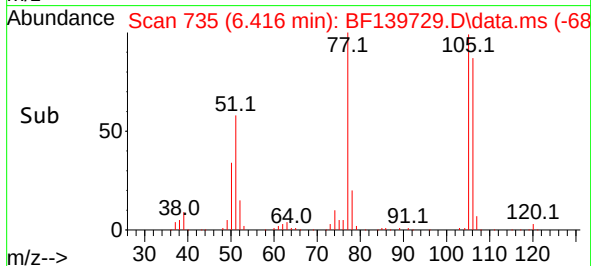
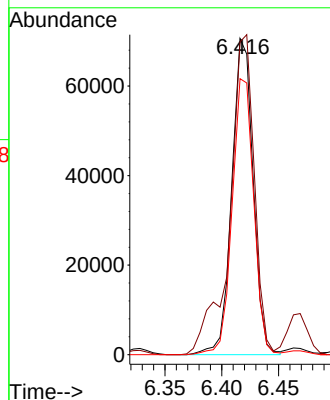
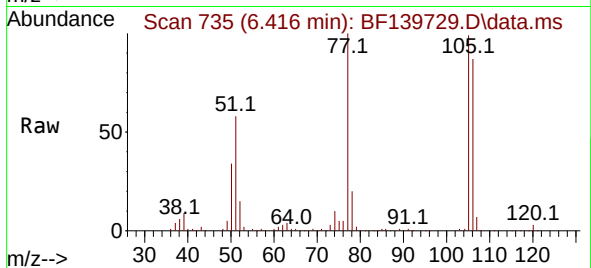
Tgt Ion: 77	Resp: 92114
Ion Ratio	Lower Upper
77 100	
105 99.0	72.7 112.7
106 87.3	70.1 110.1

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Supervised By :mohammad ahmed 10/10/2024



#10

Phenol

Concen: 54.245 ng

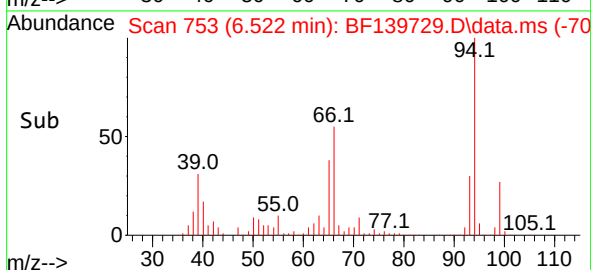
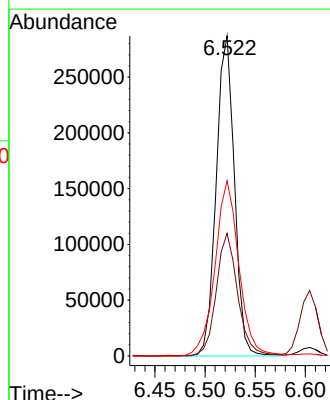
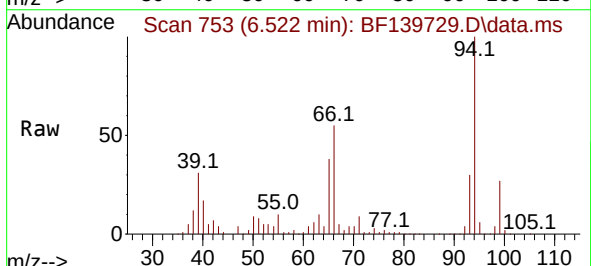
RT: 6.522 min Scan# 753

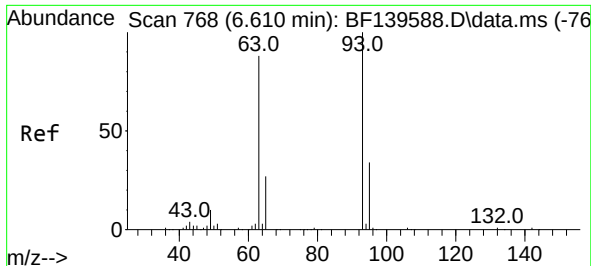
Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion: 94	Resp: 361619
Ion Ratio	Lower Upper
94 100	
65 38.3	15.3 55.3
66 54.8	30.5 70.5





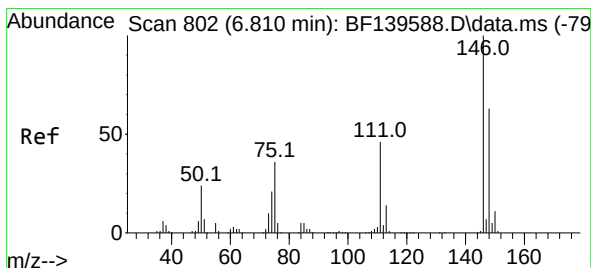
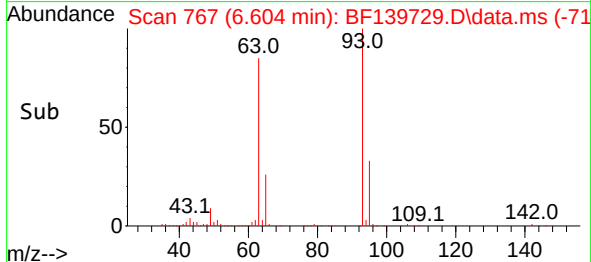
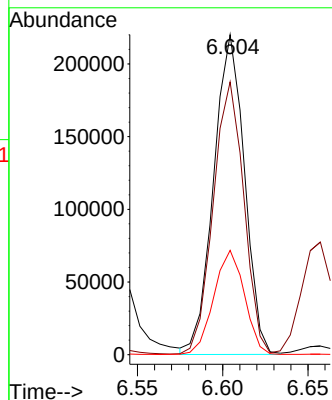
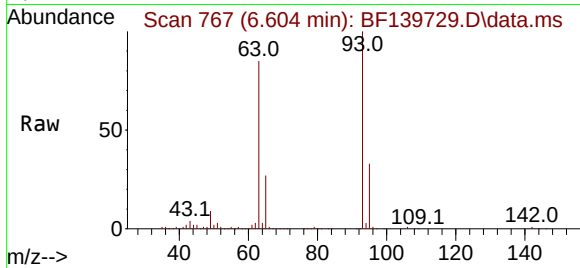
#11
bis(2-Chloroethyl)ether
Concen: 51.037 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion: 93 Resp: 27702
Ion Ratio Lower Upper
93 100
63 85.3 64.1 104.1
95 32.6 12.3 52.3

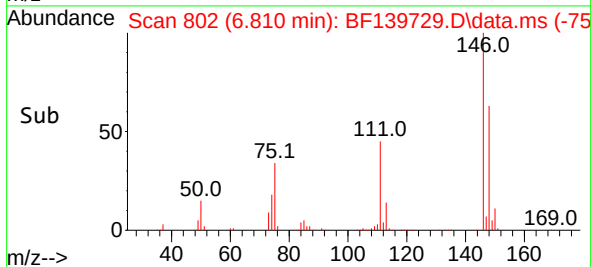
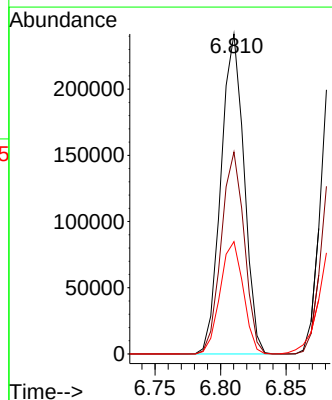
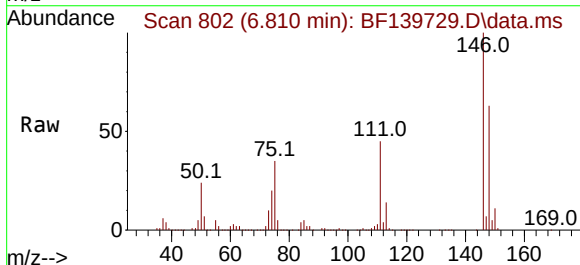
Manual Integrations
APPROVED

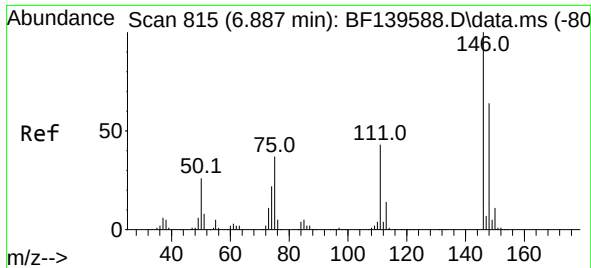
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#12
1,3-Dichlorobenzene
Concen: 51.979 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:146 Resp: 295347
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.4
75 35.1 28.5 42.7





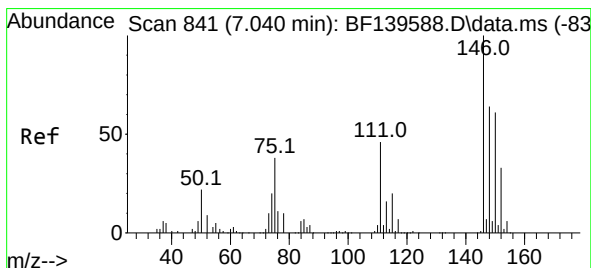
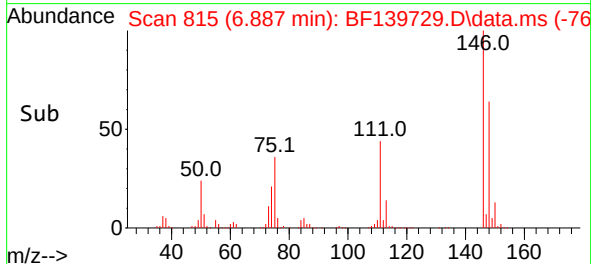
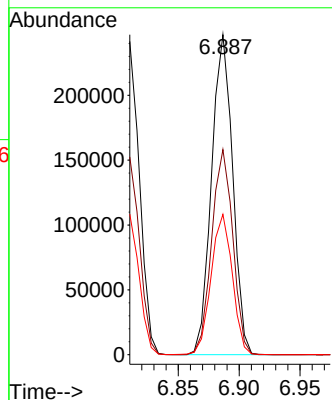
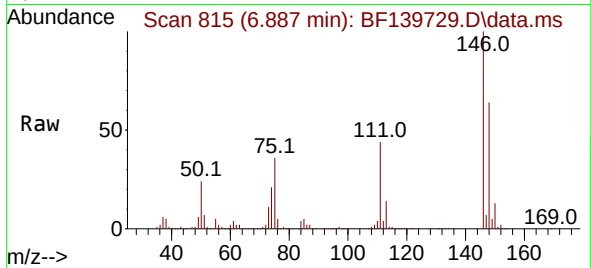
#13
1,4-Dichlorobenzene
Concen: 51.680 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion:146 Resp: 29741
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 43.9 34.9 52.3

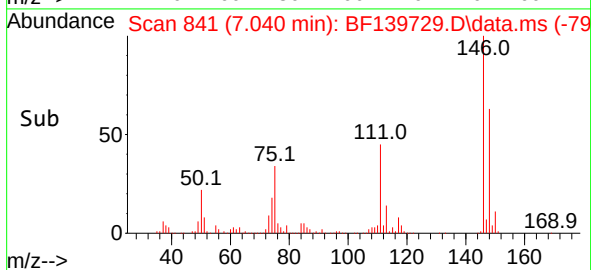
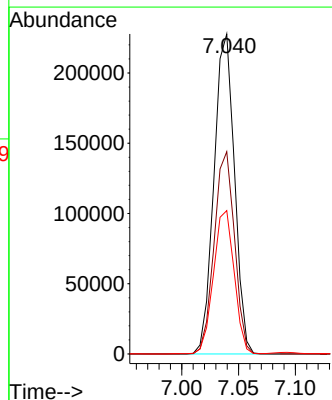
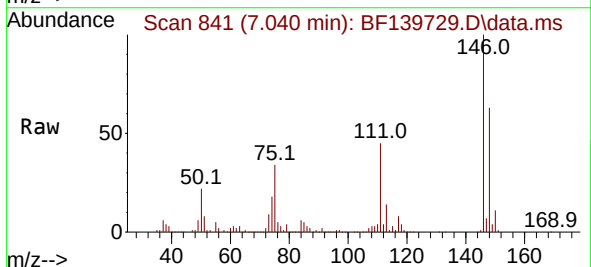
Manual Integrations
APPROVED

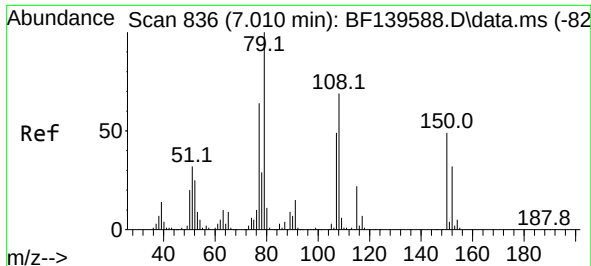
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#14
1,2-Dichlorobenzene
Concen: 52.987 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

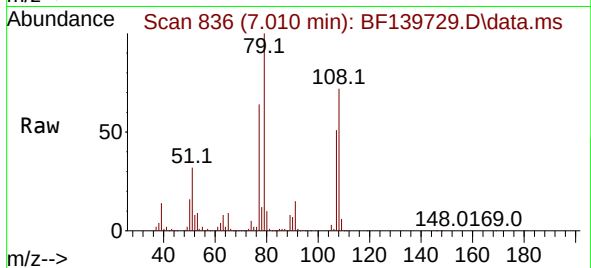
Tgt Ion:146 Resp: 285787
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 44.8 37.0 55.6





#15
Benzyl Alcohol
Concen: 54.132 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

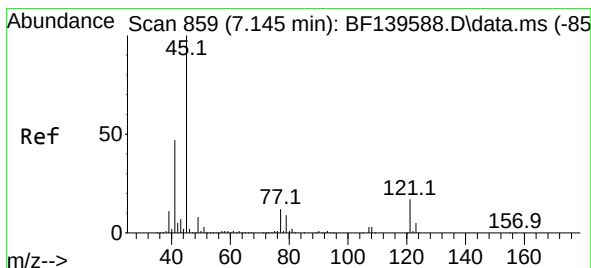
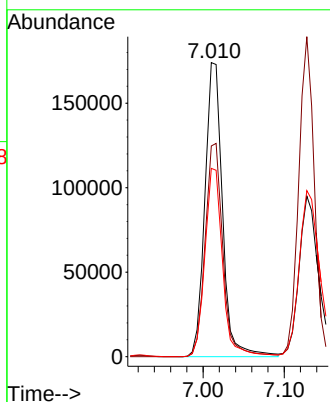
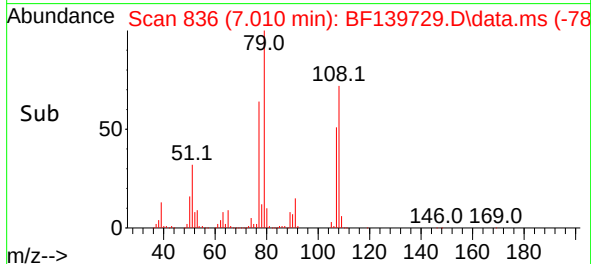
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion: 79 Resp: 262217
Ion Ratio Lower Upper
79 100
108 71.7 55.1 82.7
77 64.0 50.8 76.2

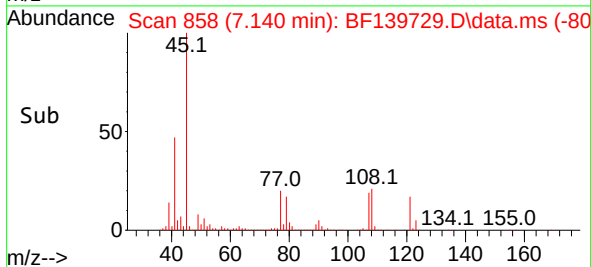
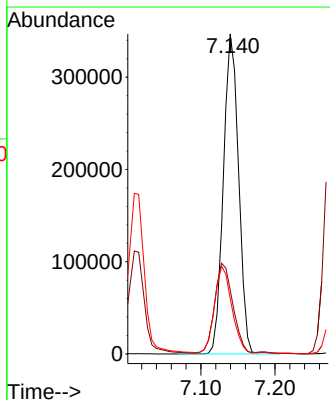
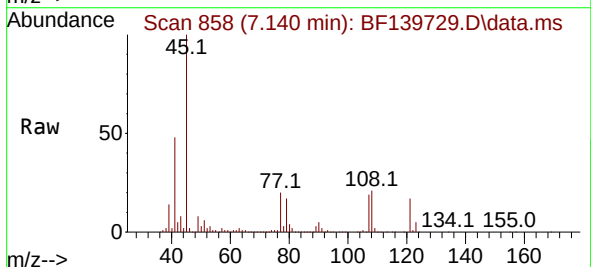
Manual Integrations
APPROVED

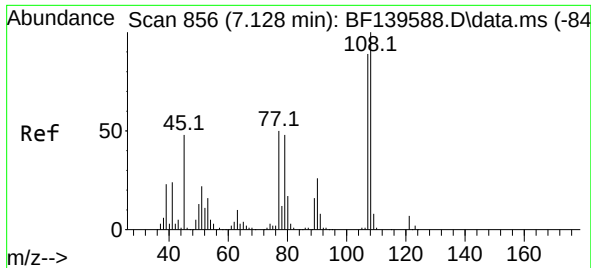
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.752 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

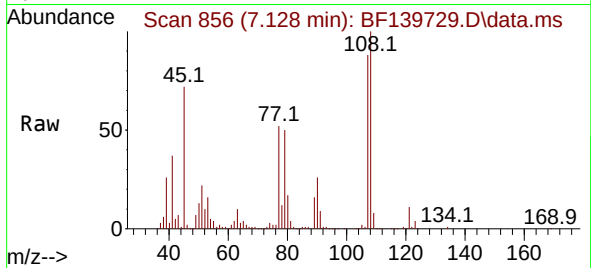
Tgt Ion: 45 Resp: 495683
Ion Ratio Lower Upper
45 100
77 20.0 0.0 32.5
79 17.3 0.0 29.7





#17
2-Methylphenol
Concen: 52.715 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

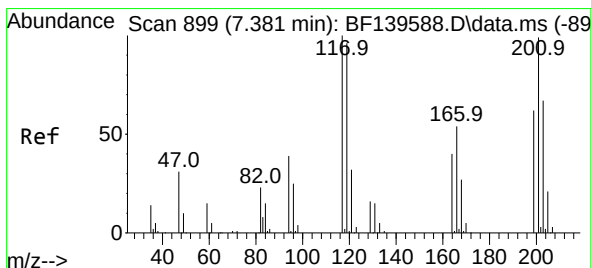
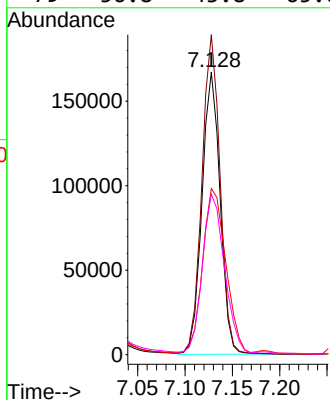
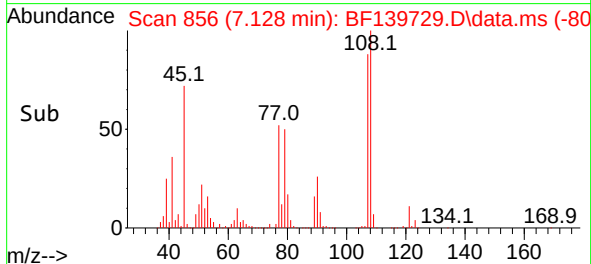
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:107 Resp: 222279
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.6
77 58.7 44.6 67.0
79 56.8 43.8 65.6

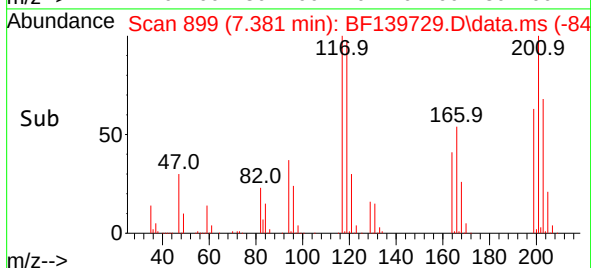
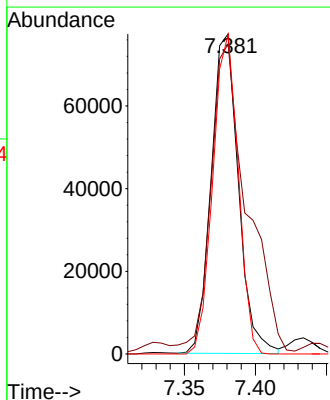
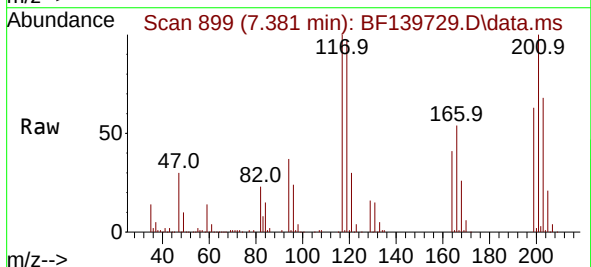
Manual Integrations
APPROVED

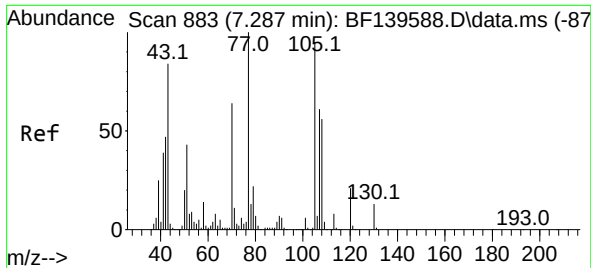
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#18
Hexachloroethane
Concen: 48.060 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:117 Resp: 103163
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
201 99.8 79.2 118.8





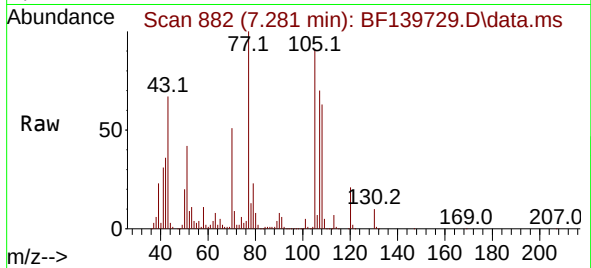
#19
n-Nitroso-di-n-propylamine
Concen: 51.210 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD



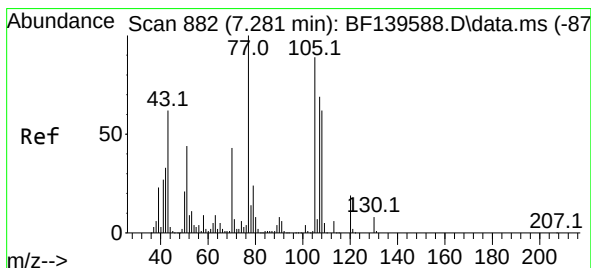
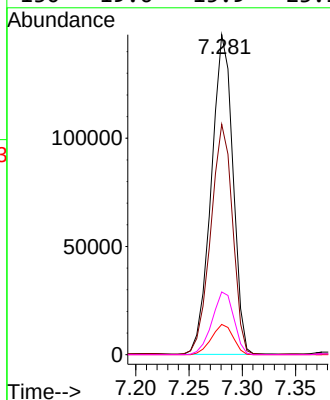
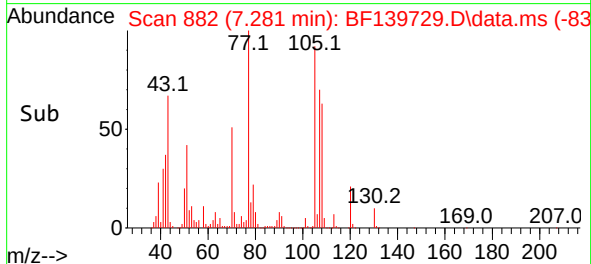
Tgt Ion: 70 Resp: 208729
Ion Ratio Lower Upper
70 100
42 72.0 58.0 87.0
101 9.4 7.8 11.8
130 19.6 15.9 23.9

Manual Integrations

APPROVED

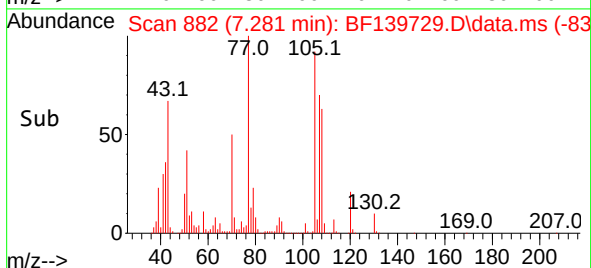
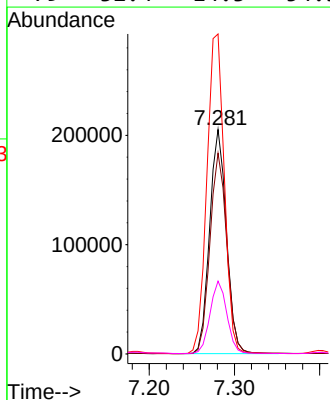
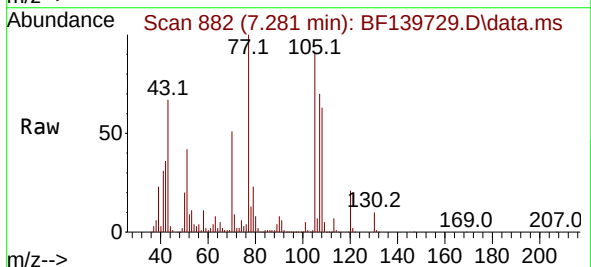
Reviewed By :Yogesh Patel 10/10/2024

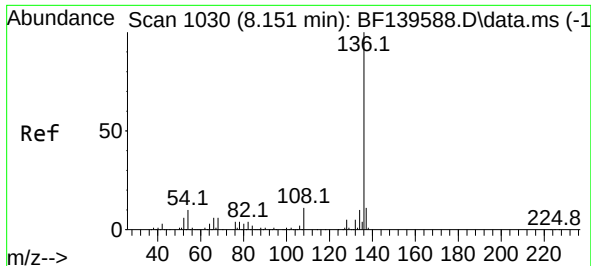
Supervised By :mohammad ahmed 10/10/2024



#20
3+4-Methylphenols
Concen: 53.070 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:107 Resp: 281076
Ion Ratio Lower Upper
107 100
108 89.4 70.2 110.2
77 142.5 125.3 165.3
79 32.4 14.3 54.3





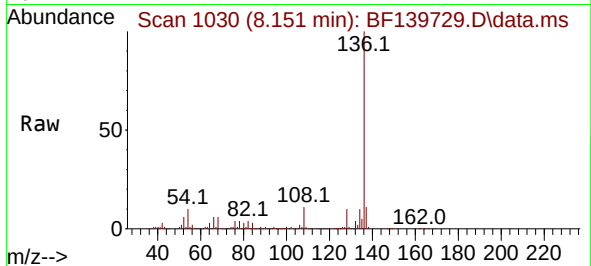
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD



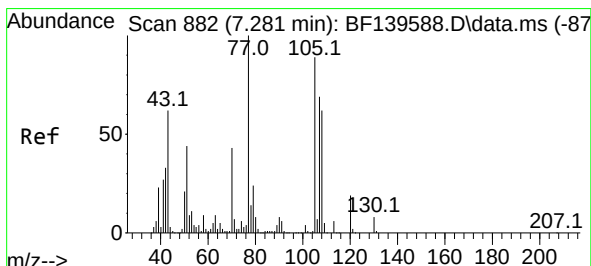
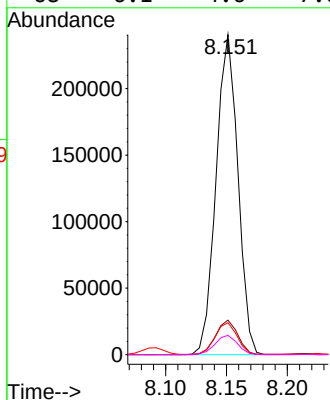
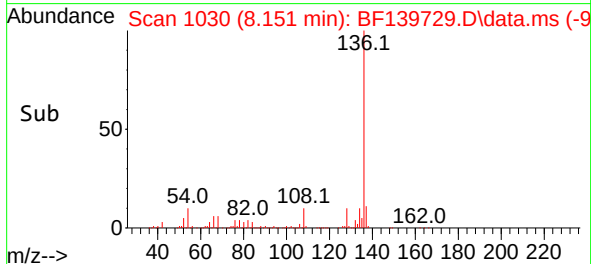
Tgt Ion:136 Resp: 300320
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.0 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations

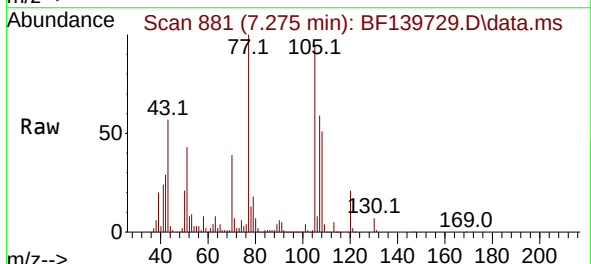
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

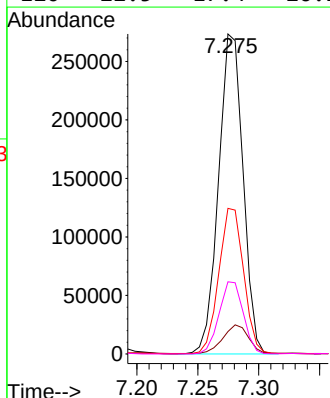
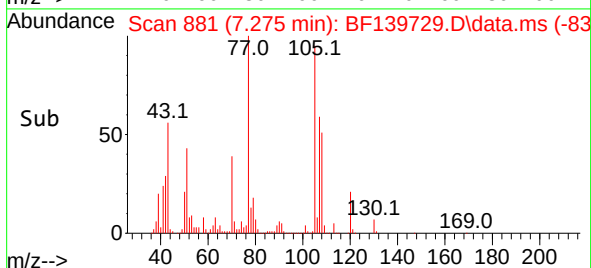
Supervised By :mohammad ahmed 10/10/2024

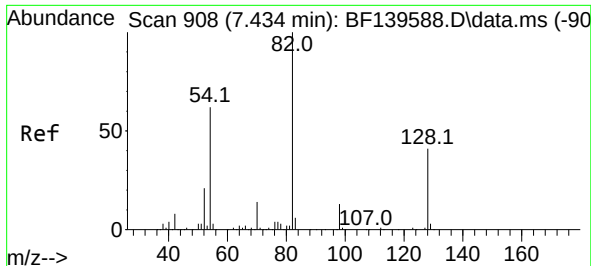


#22
Acetophenone
Concen: 53.694 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



Tgt Ion:105 Resp: 382769
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 45.5 39.4 59.0
120 22.5 17.4 26.2





#23
Nitrobenzene-d5
Concen: 63.921 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

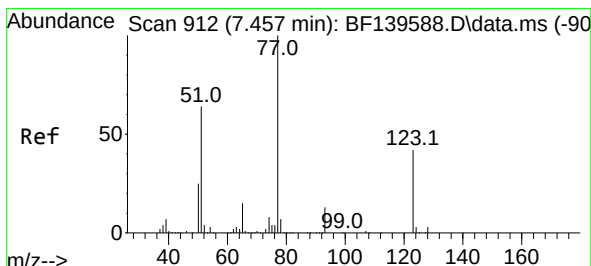
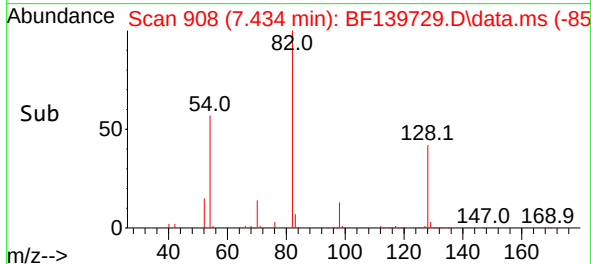
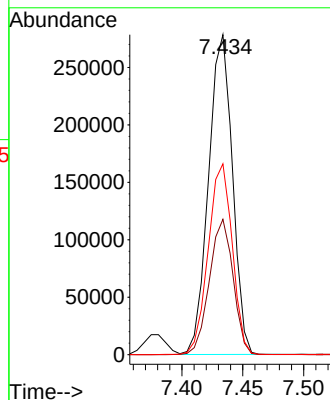
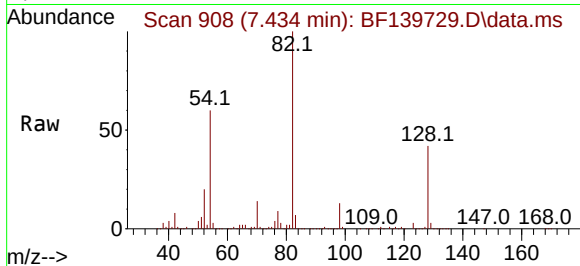
ClientSampleId :

IB-6MSD

Tgt Ion: 82 Resp: 37915
Ion Ratio Lower Upper
82 100
128 42.3 32.4 48.6
54 59.6 49.1 73.7

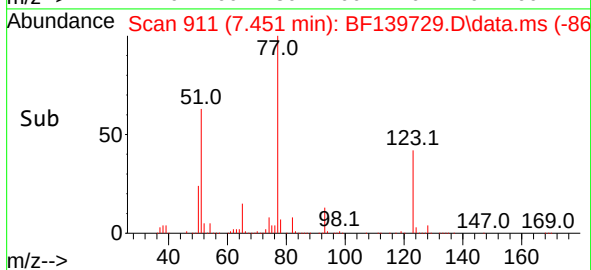
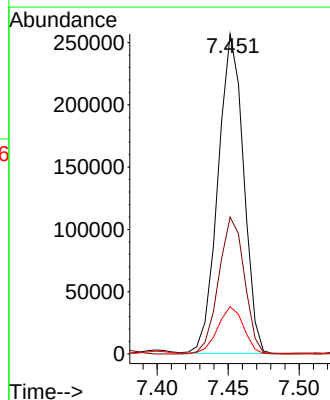
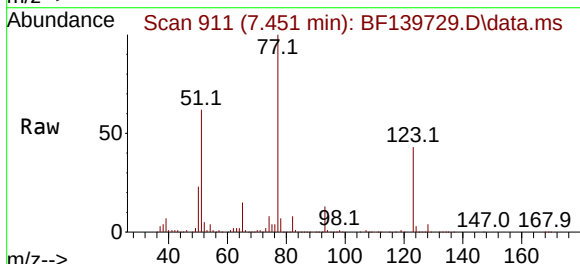
Manual Integrations
APPROVED

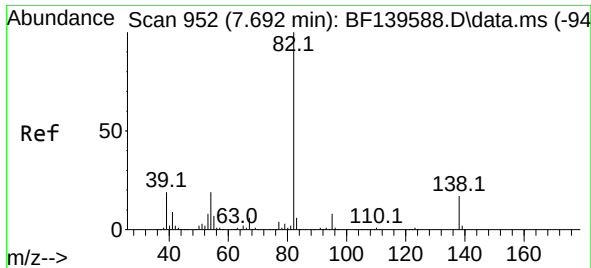
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#24
Nitrobenzene
Concen: 52.226 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 77 Resp: 320779
Ion Ratio Lower Upper
77 100
123 42.7 34.2 51.4
65 14.8 12.1 18.1





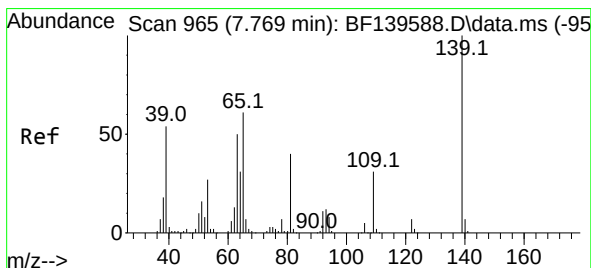
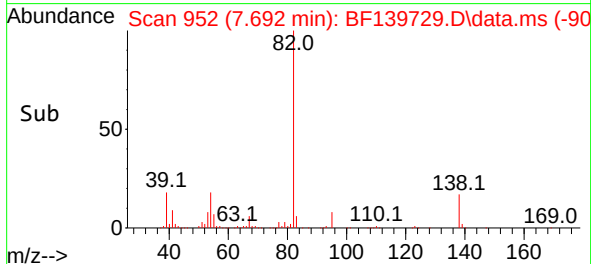
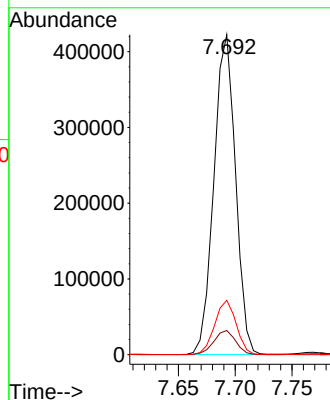
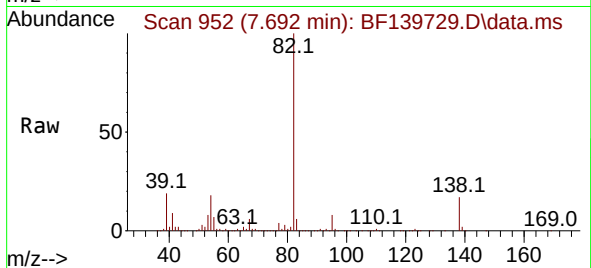
#25
Isophorone
Concen: 53.112 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion: 82 Resp: 55954
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.0 13.4 20.2

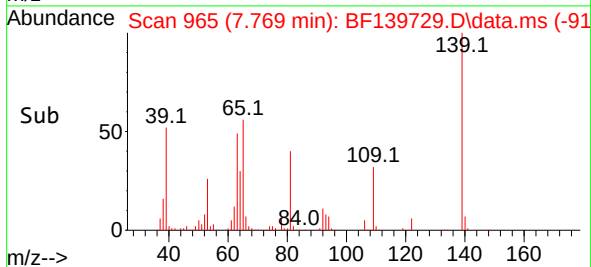
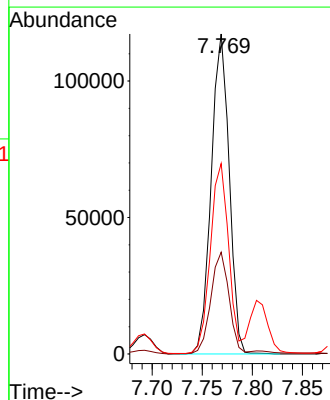
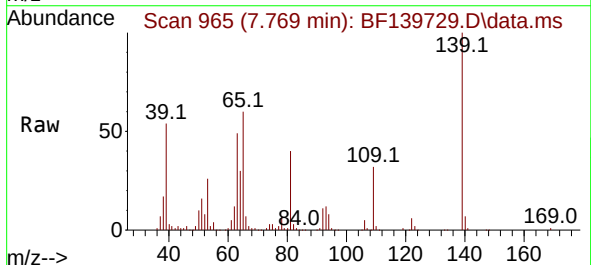
Manual Integrations
APPROVED

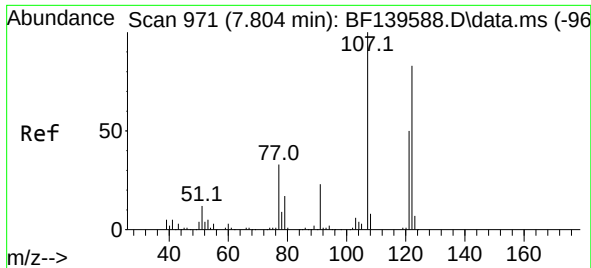
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#26
2-Nitrophenol
Concen: 55.517 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:139 Resp: 146594
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 59.5 48.6 72.8





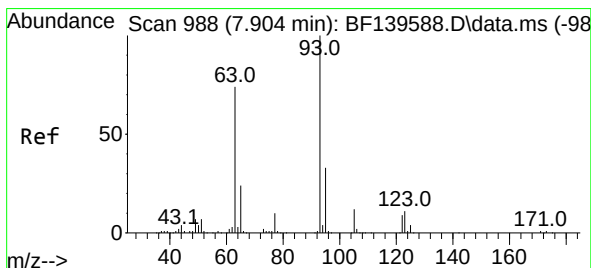
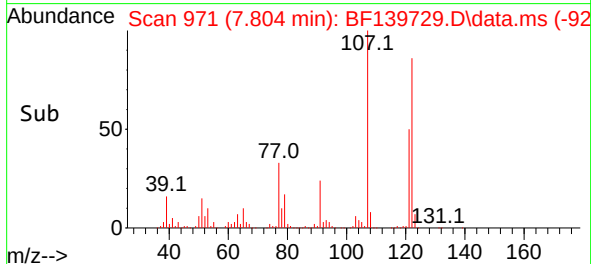
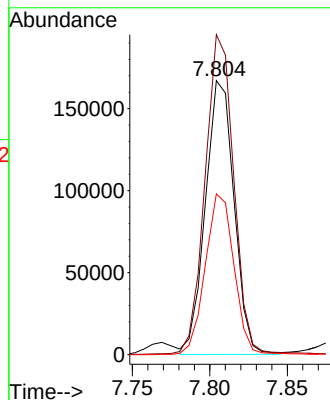
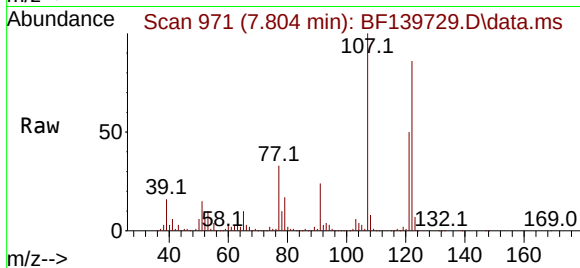
#27
2,4-Dimethylphenol
Concen: 66.539 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion:122 Resp: 215089
Ion Ratio Lower Upper
122 100
107 116.7 95.4 143.0
121 58.7 47.4 71.2

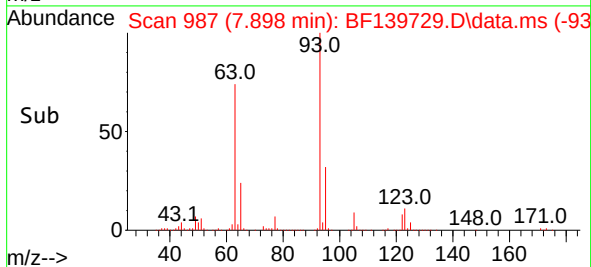
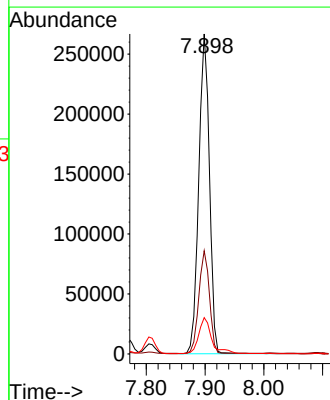
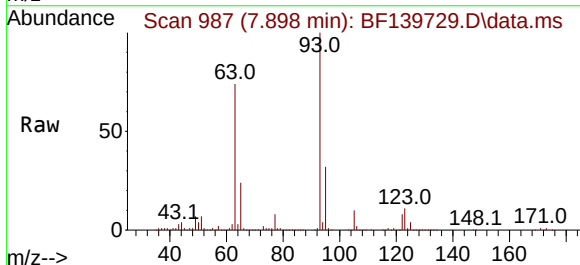
Manual Integrations
APPROVED

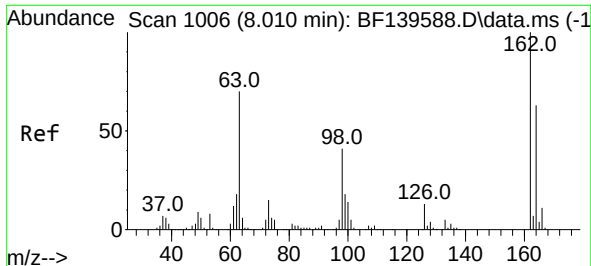
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.316 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 93 Resp: 335410
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.171 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139729.D

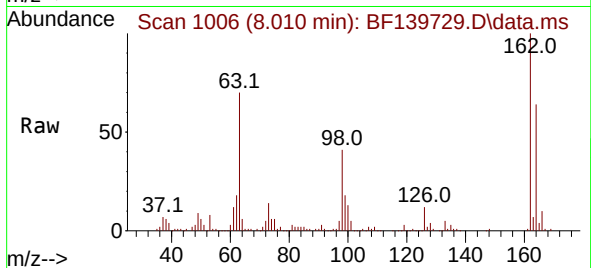
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD



Tgt Ion:162 Resp: 228400

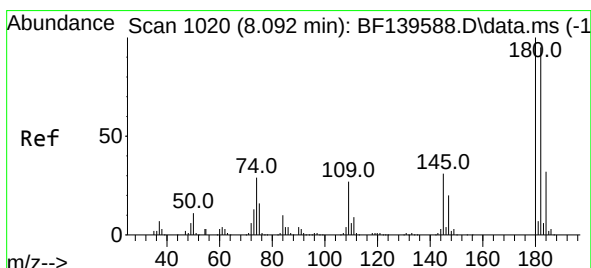
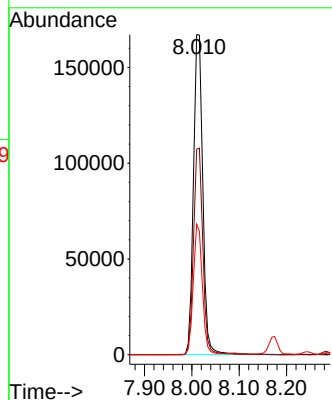
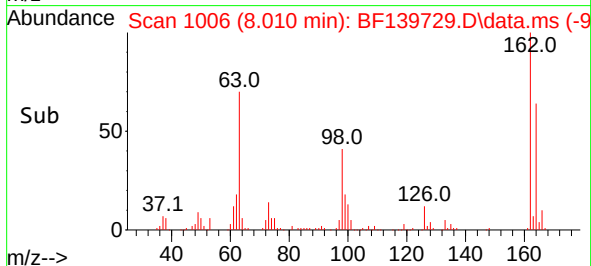
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.1	83.1
98	40.8	20.8	60.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 50.370 ng

RT: 8.092 min Scan# 1020

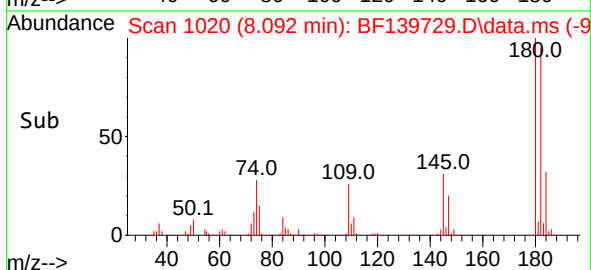
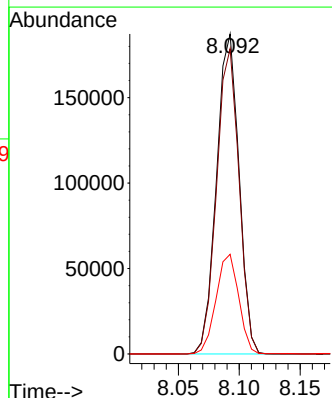
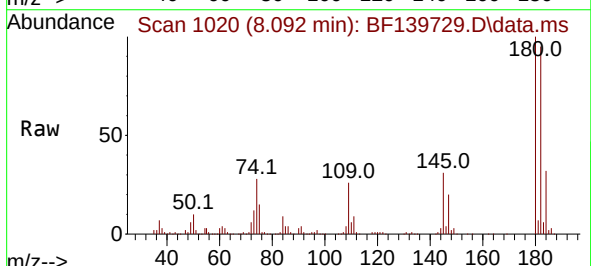
Delta R.T. -0.000 min

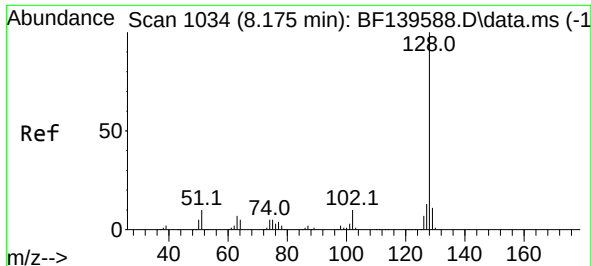
Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:180 Resp: 240178

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
145	31.1	25.0	37.6





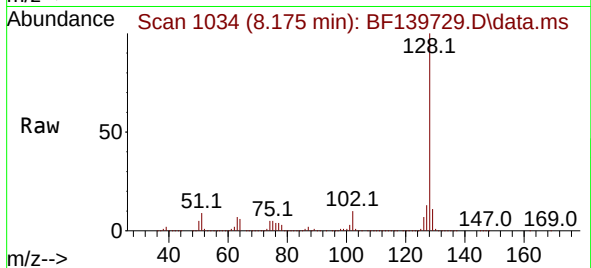
#31
Naphthalene
Concen: 52.805 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD



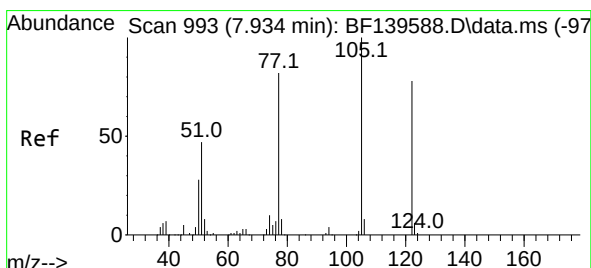
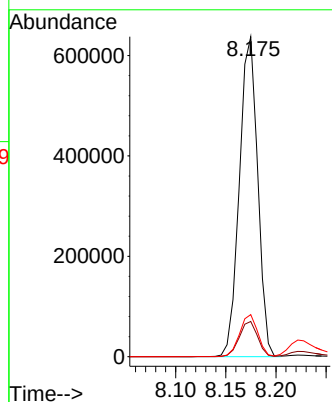
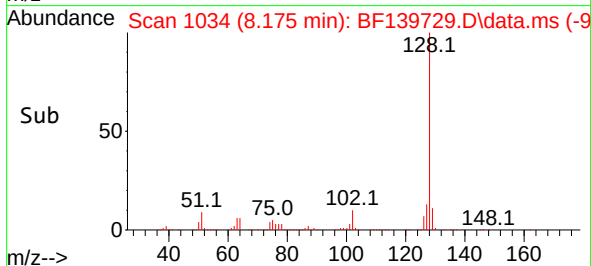
Tgt Ion:128 Resp: 81081
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations

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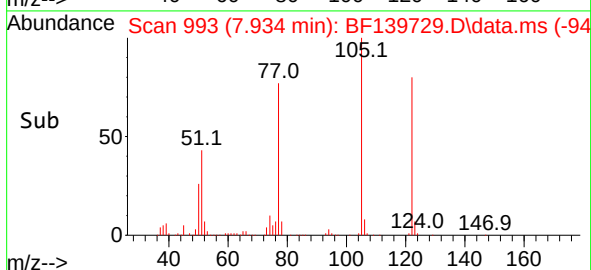
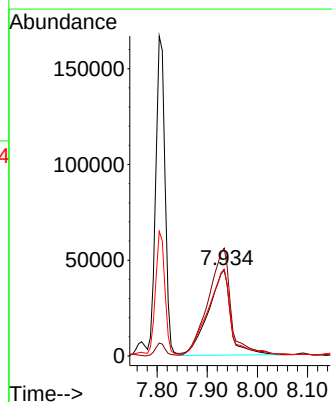
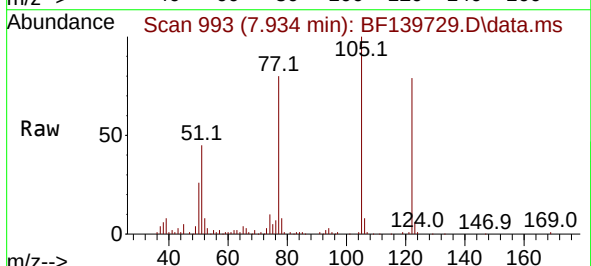
Reviewed By :Yogesh Patel 10/10/2024

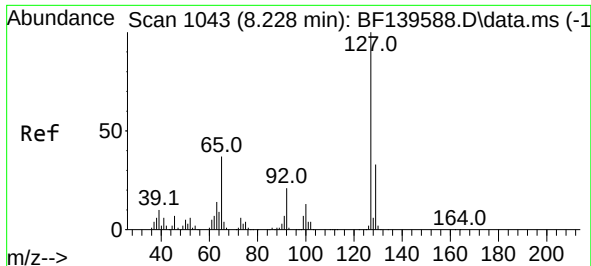
Supervised By :mohammad ahmed 10/10/2024



#32
Benzoic acid
Concen: 42.774 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:122 Resp: 137488
Ion Ratio Lower Upper
122 100
105 125.9 104.9 144.9
77 101.3 82.7 122.7





#33
4-Chloroaniline
Concen: 13.795 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

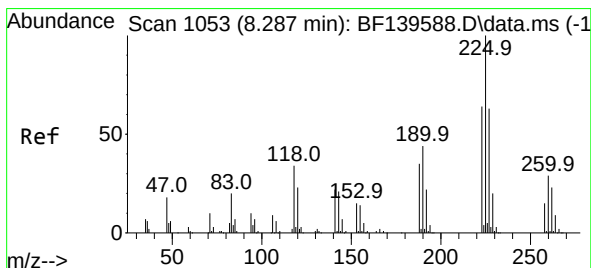
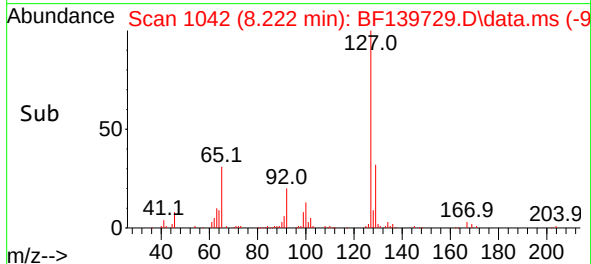
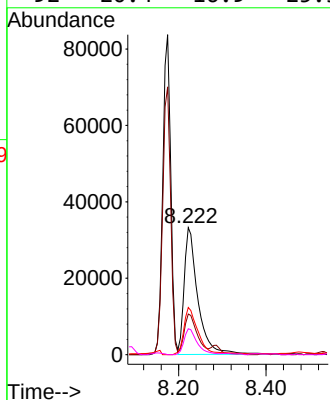
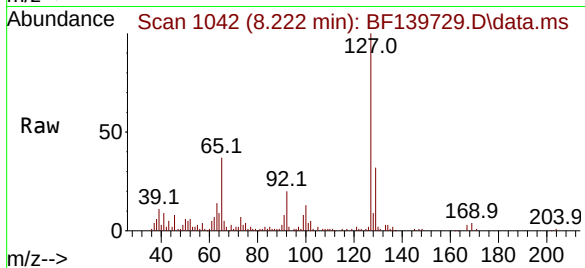
Tgt Ion:127 Resp: 7170
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 37.2 29.3 43.9
92 20.4 16.9 25.3

Manual Integrations

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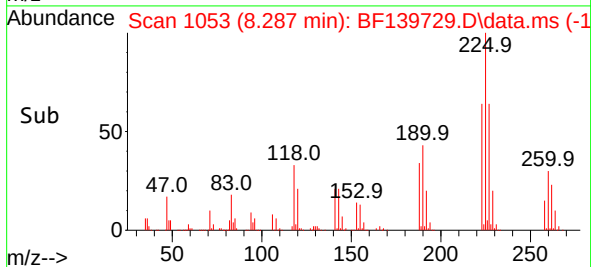
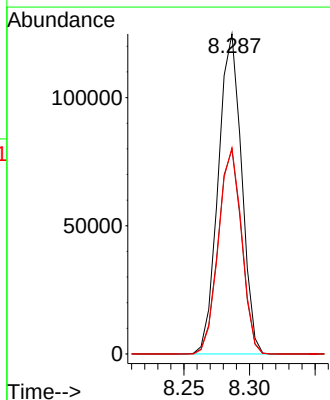
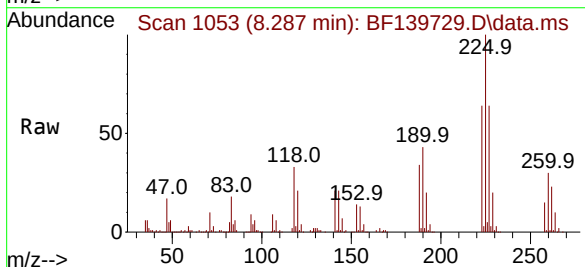
Reviewed By :Yogesh Patel 10/10/2024

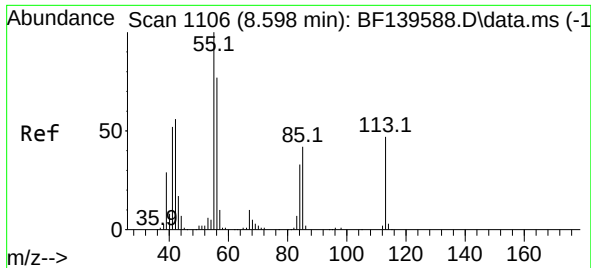
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 49.963 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

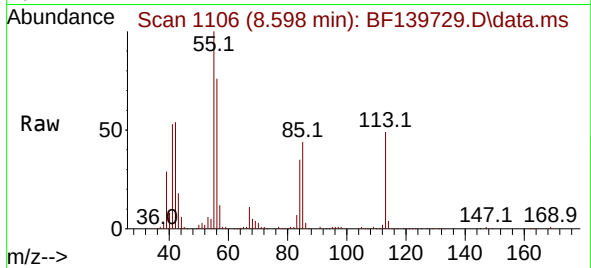
Tgt Ion:225 Resp: 154170
Ion Ratio Lower Upper
225 100
223 63.9 50.9 76.3
227 64.5 50.7 76.1





#35
Caprolactam
Concen: 53.573 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

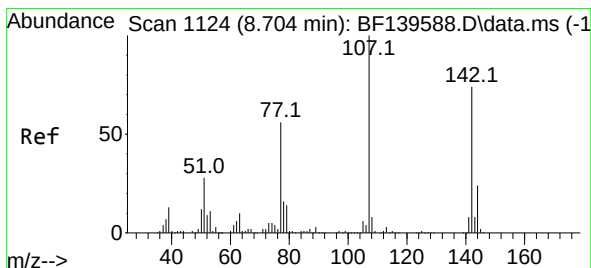
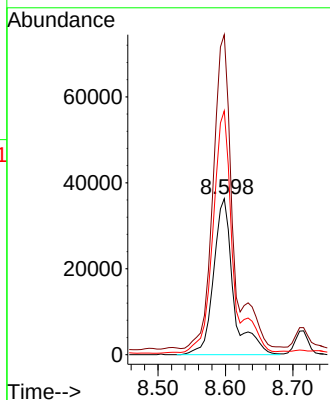
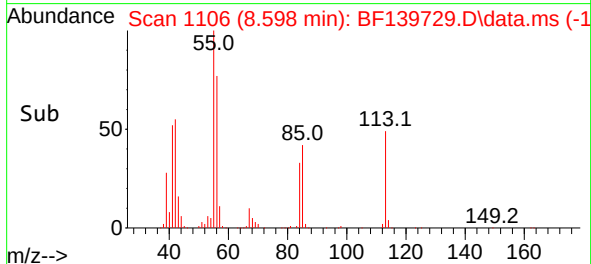
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:113 Resp: 7408
Ion Ratio Lower Upper
113 100
55 205.0 193.4 233.4
56 156.3 143.8 183.8

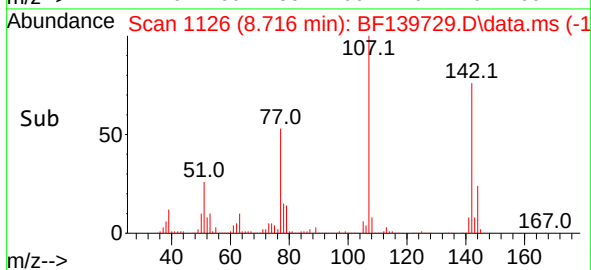
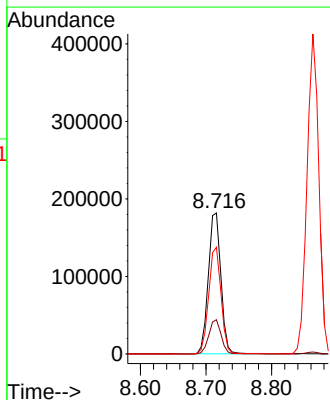
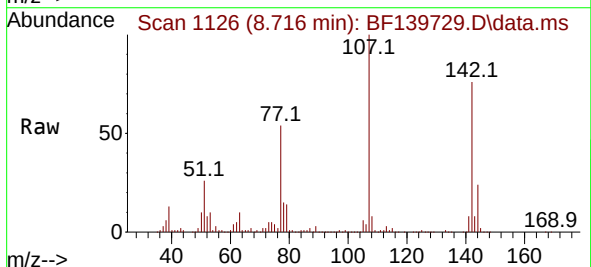
Manual Integrations
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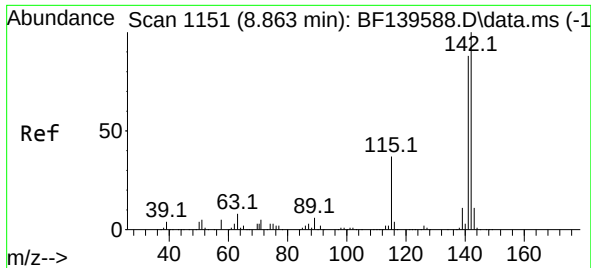
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#36
4-Chloro-3-methylphenol
Concen: 50.940 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

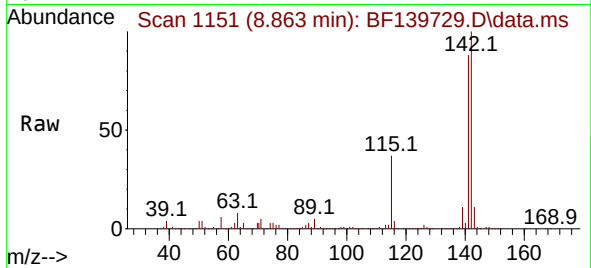
Tgt Ion:107 Resp: 243131
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.6
142 75.7 59.2 88.8





#37
2-Methylnaphthalene
Concen: 51.412 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

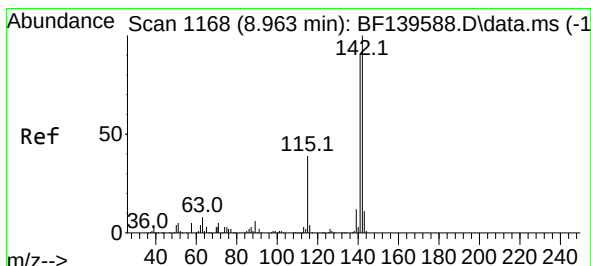
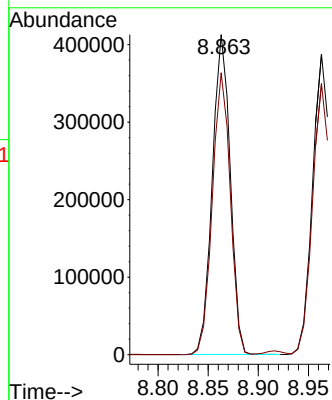
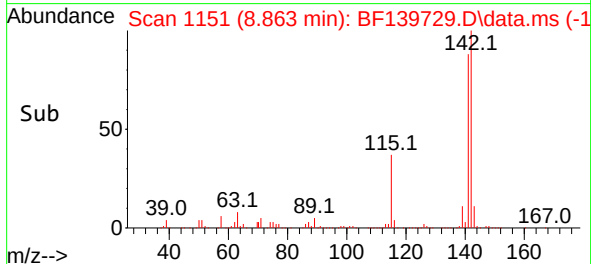
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



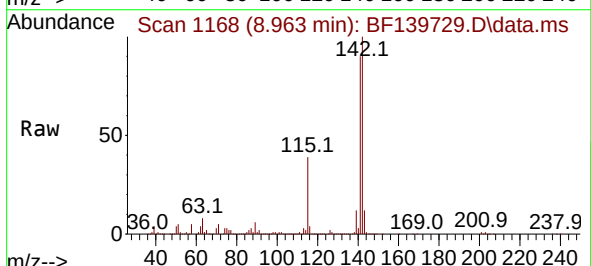
Tgt Ion:142 Resp: 51415
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

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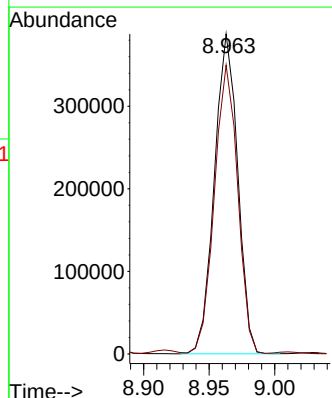
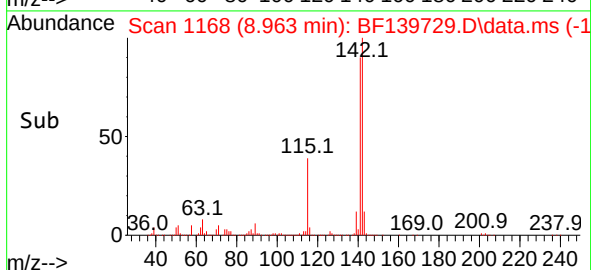
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

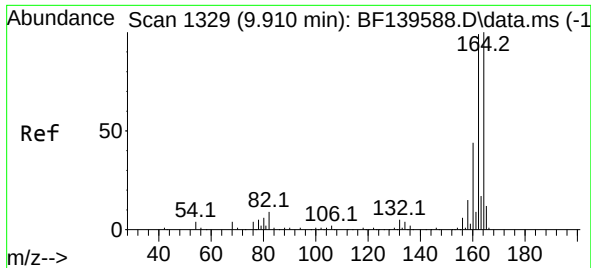


#38
1-Methylnaphthalene
Concen: 48.952 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



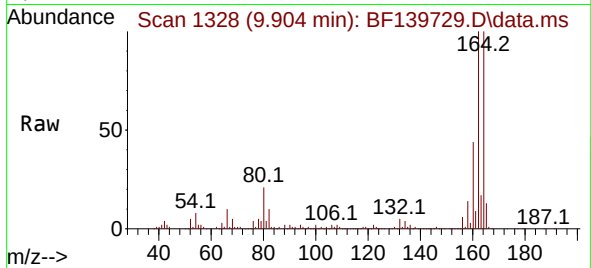
Tgt Ion:142 Resp: 478518
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

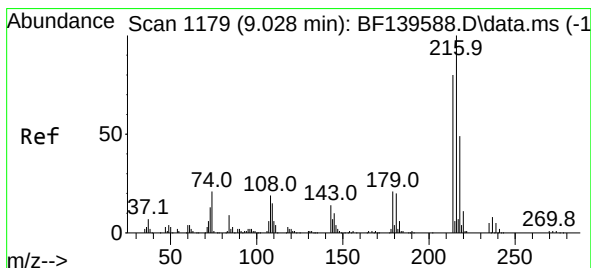
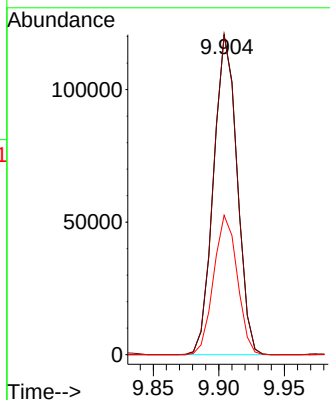
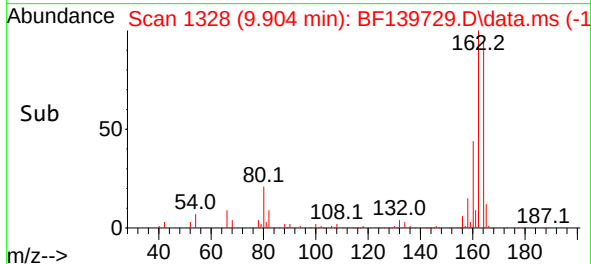
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:164 Resp: 150423
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 43.6 35.1 52.7

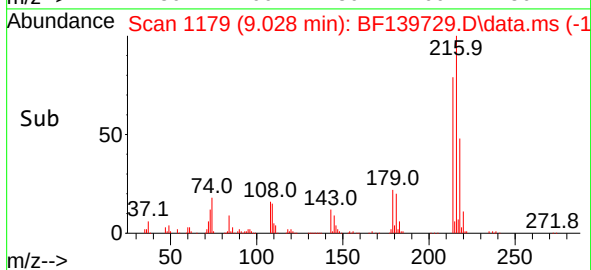
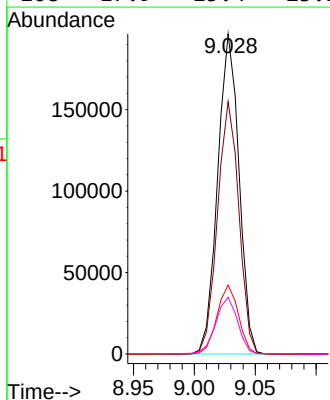
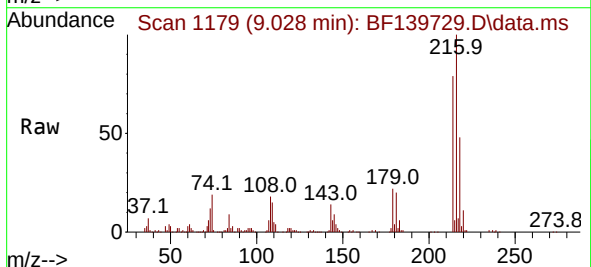
Manual Integrations
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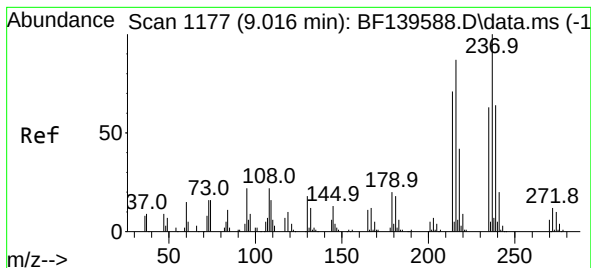
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.302 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:216 Resp: 239353
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 21.6 16.9 25.3
108 17.9 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 17.650 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

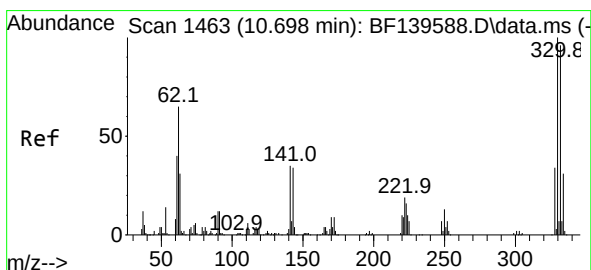
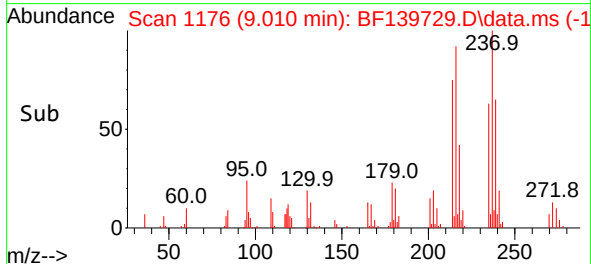
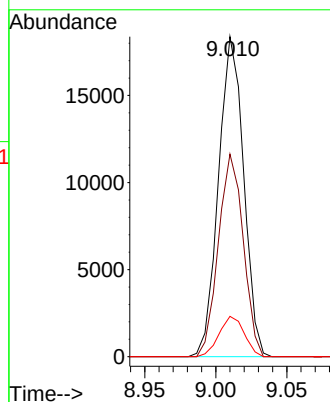
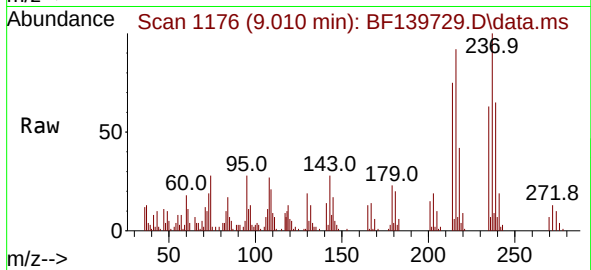
Tgt Ion:	237	Resp:	22600
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.5	82.5
272	12.6	0.0	32.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#42

2,4,6-Tribromophenol

Concen: 76.007 ng

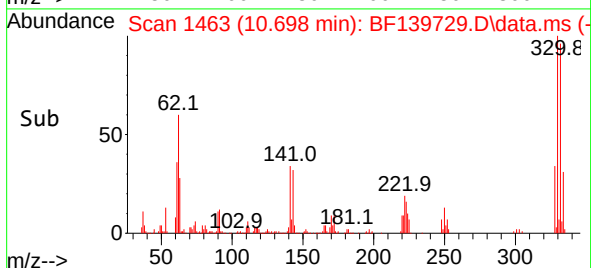
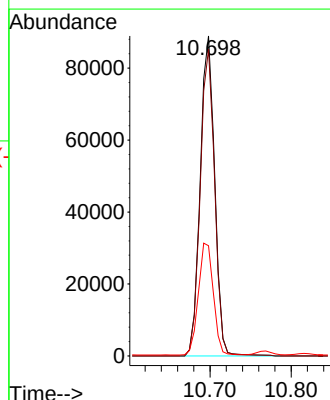
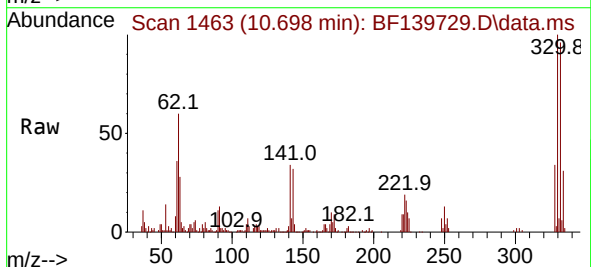
RT: 10.698 min Scan# 1463

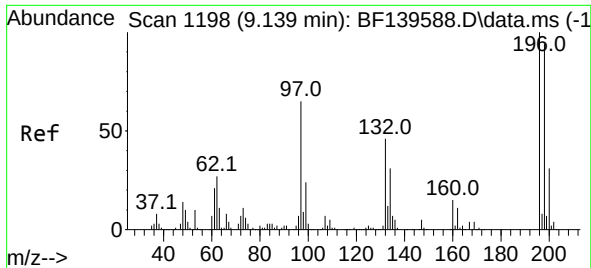
Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

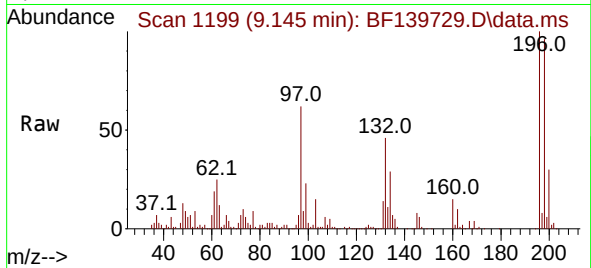
Tgt Ion:	330	Resp:	110369
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.5	114.7
141	36.1	29.3	43.9





#43
2,4,6-Trichlorophenol
Concen: 56.259 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

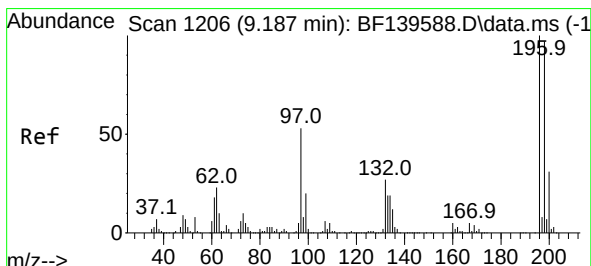
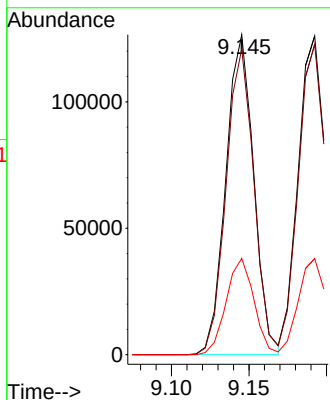
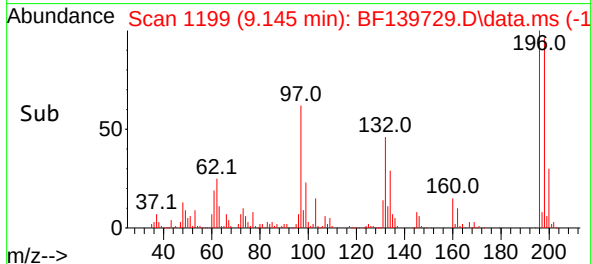
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



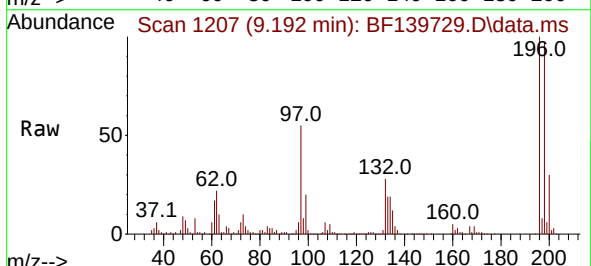
Tgt Ion:196 Resp: 158418
Ion Ratio Lower Upper
196 100
198 95.5 75.2 112.8
200 30.1 24.6 37.0

Manual Integrations
APPROVED

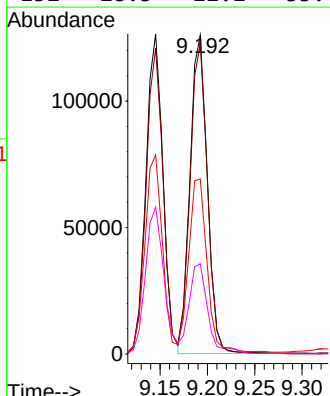
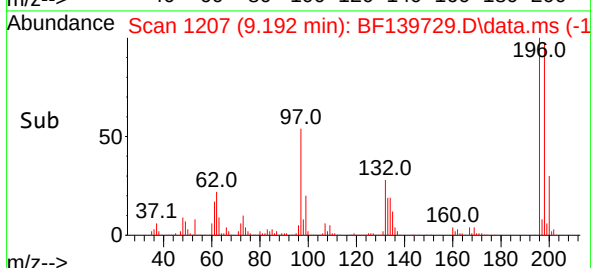
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

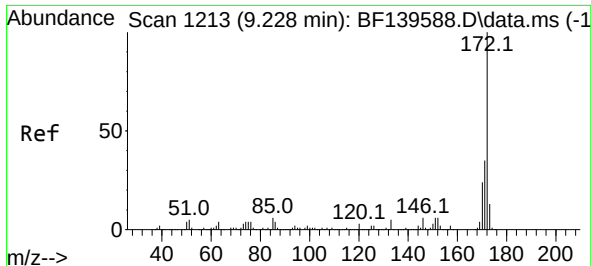


#44
2,4,5-Trichlorophenol
Concen: 52.895 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



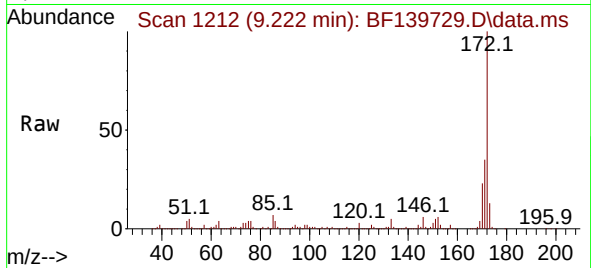
Tgt Ion:196 Resp: 160624
Ion Ratio Lower Upper
196 100
198 97.3 77.5 116.3
97 54.9 43.1 64.7
132 28.3 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 61.385 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

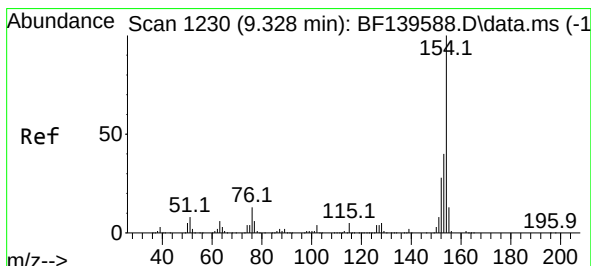
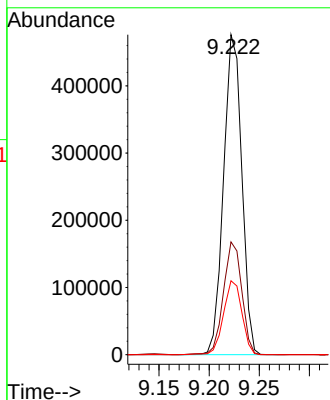
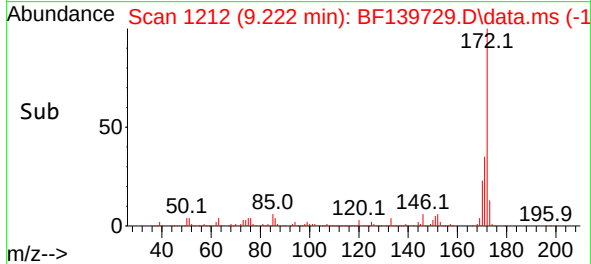
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



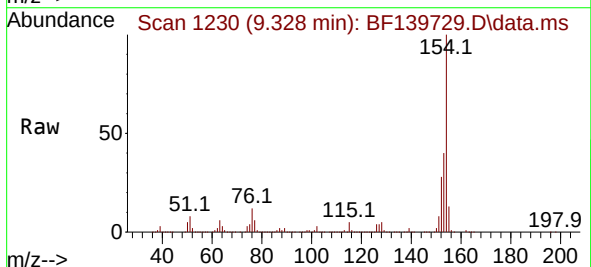
Tgt Ion:172 Resp: 60147
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.8 28.2

Manual Integrations
APPROVED

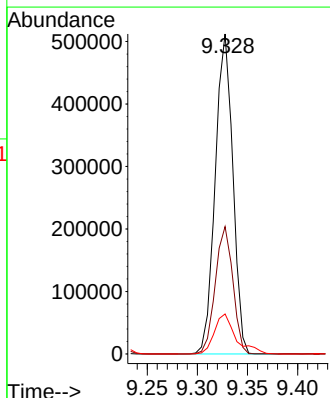
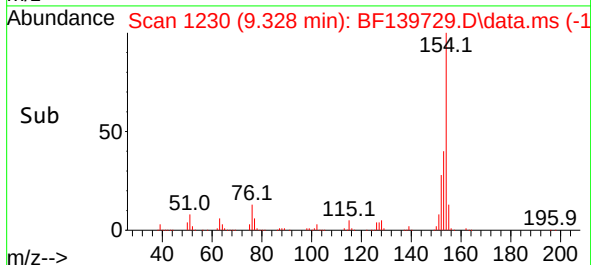
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

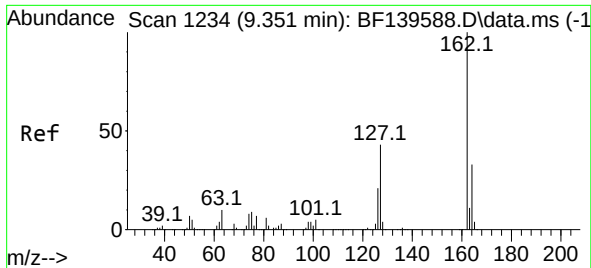


#46
1,1'-Biphenyl
Concen: 55.742 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



Tgt Ion:154 Resp: 623639
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 12.5 0.0 32.6





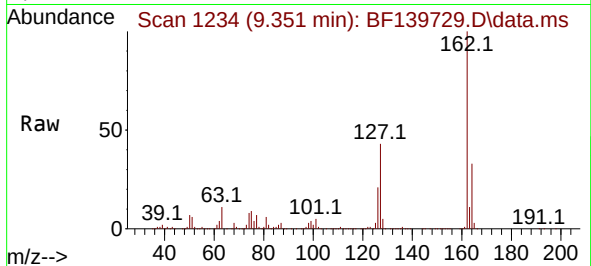
#47
2-Chloronaphthalene
Concen: 54.226 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD



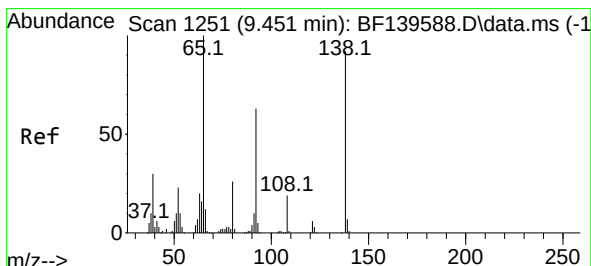
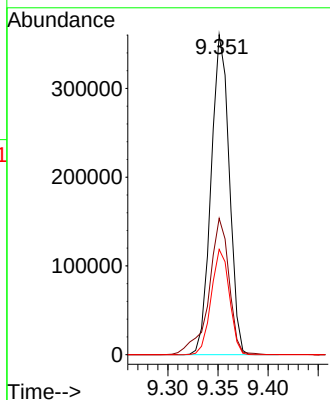
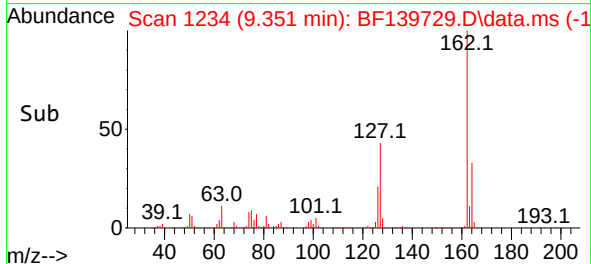
Tgt Ion:162 Resp: 454808
Ion Ratio Lower Upper
162 100
127 42.6 35.0 52.4
164 32.9 26.1 39.1

Manual Integrations

APPROVED

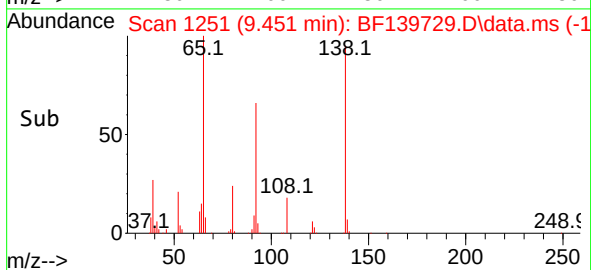
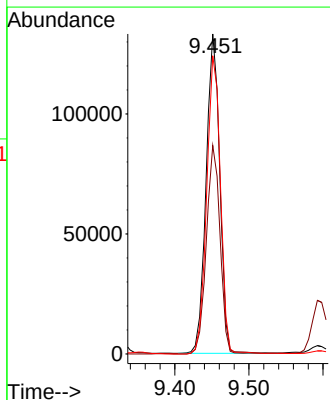
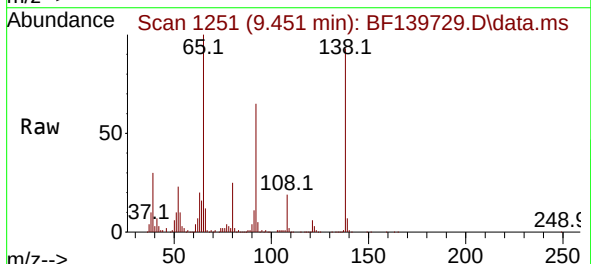
Reviewed By :Yogesh Patel 10/10/2024

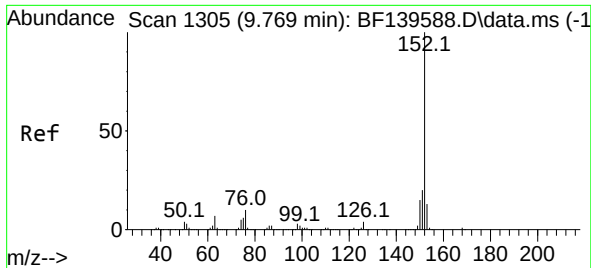
Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 56.491 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

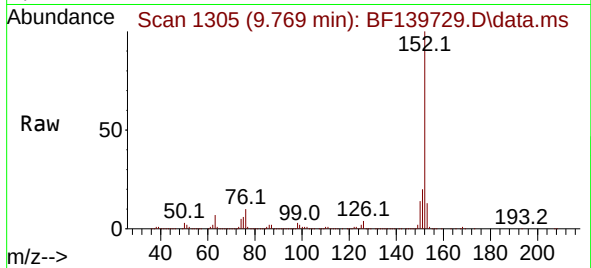
Tgt Ion: 65 Resp: 170084
Ion Ratio Lower Upper
65 100
92 65.2 50.0 75.0
138 93.2 73.8 110.8





#49
Acenaphthylene
Concen: 56.949 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

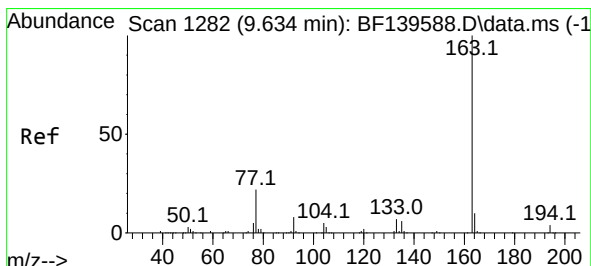
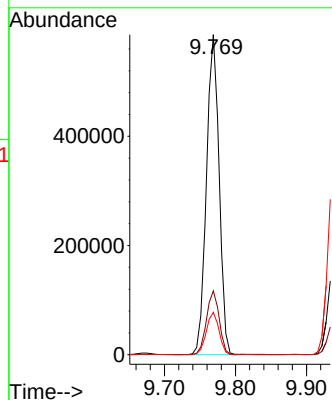
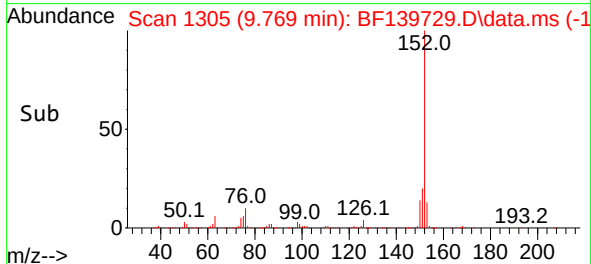
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



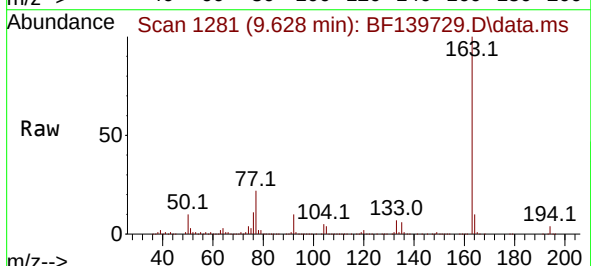
Tgt Ion:152 Resp: 726399
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.5 15.7

Manual Integrations
APPROVED

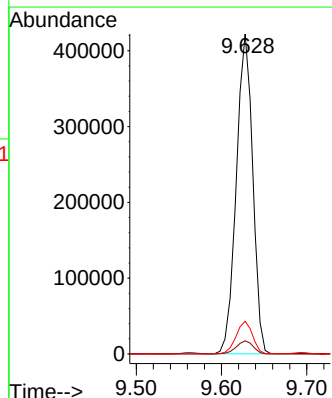
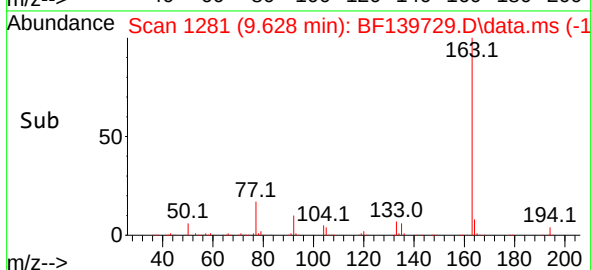
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

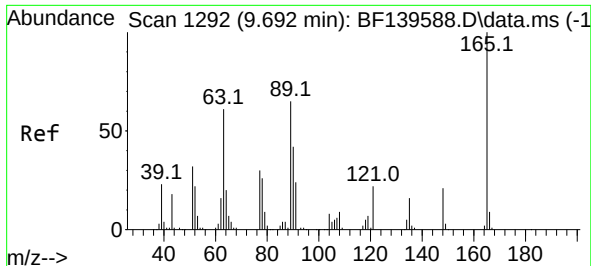


#50
Dimethylphthalate
Concen: 57.370 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



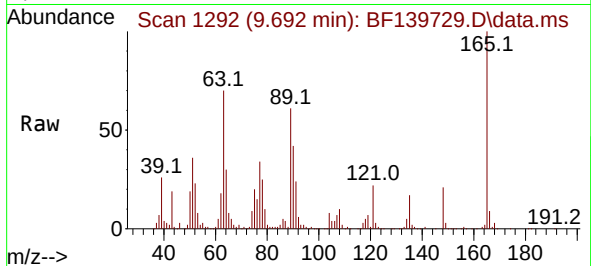
Tgt Ion:163 Resp: 564913
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.742 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

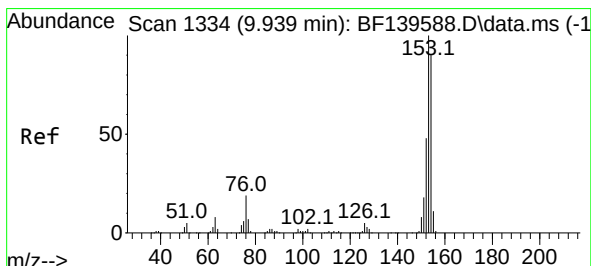
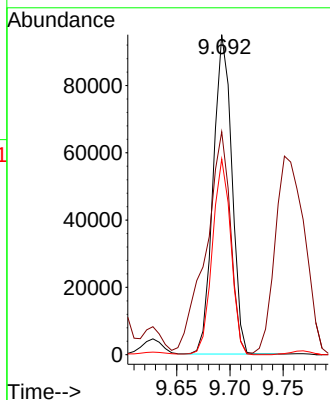
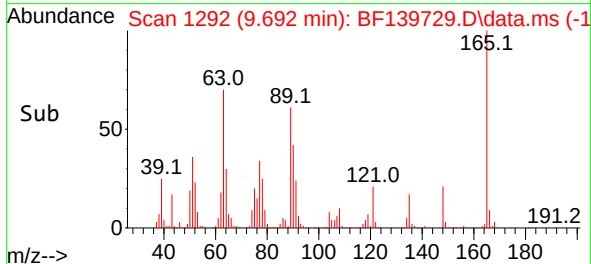
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:165 Resp: 115093
Ion Ratio Lower Upper
165 100
63 69.7 56.7 85.1
89 61.1 51.6 77.4

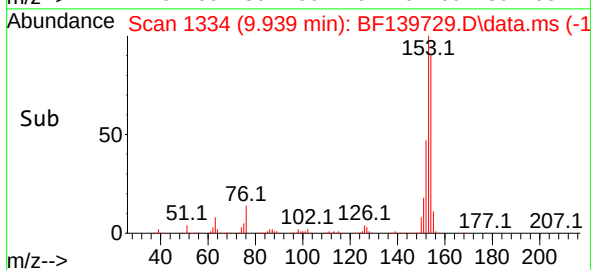
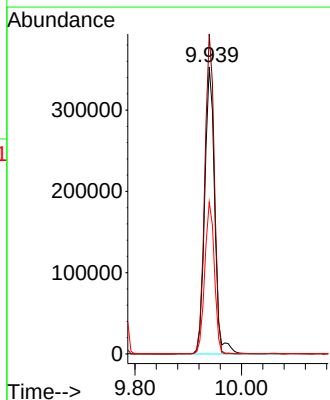
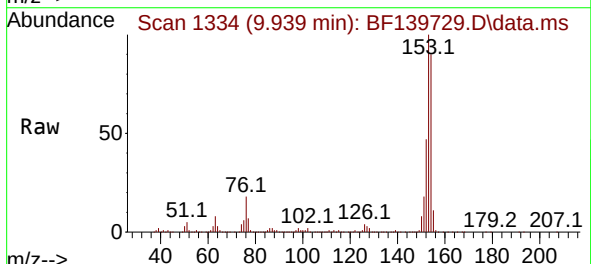
Manual Integrations
APPROVED

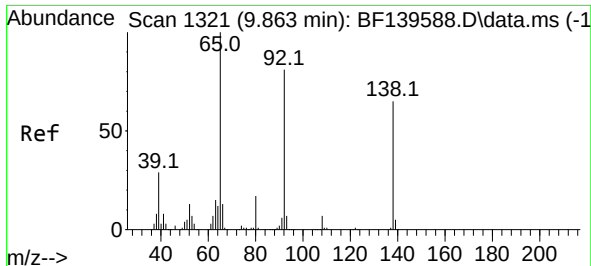
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 52.356 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:154 Resp: 458456
Ion Ratio Lower Upper
154 100
153 111.5 88.8 133.2
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 38.180 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

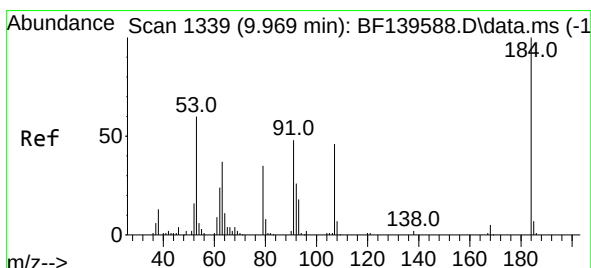
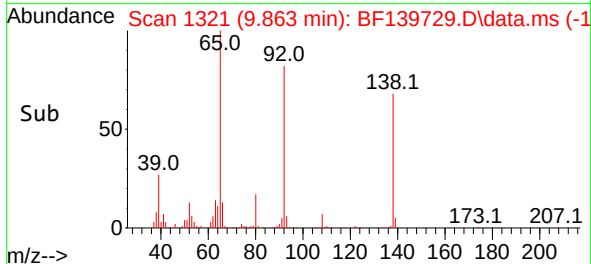
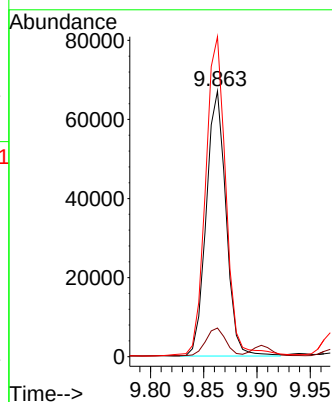
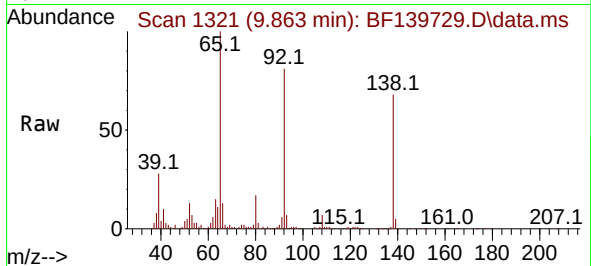
IB-6MSD

Tgt Ion:138 Resp: 8678
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 120.5 100.0 150.0

Manual Integrations

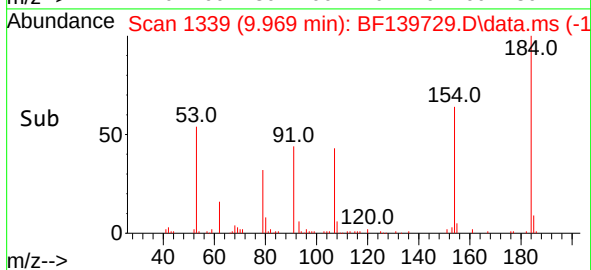
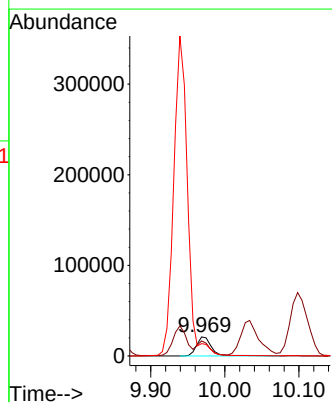
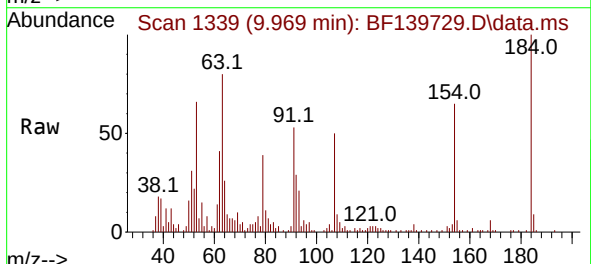
APPROVED

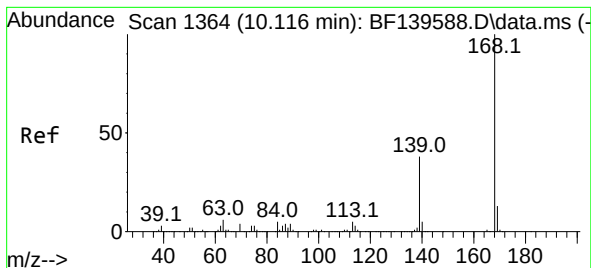
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#54
2,4-Dinitrophenol
Concen: 25.067 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

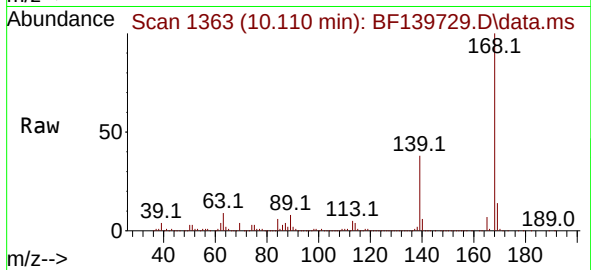
Tgt Ion:184 Resp: 29990
Ion Ratio Lower Upper
184 100
63 79.6 61.7 92.5
154 65.3 53.0 79.4





#55
Dibenzenofuran
Concen: 52.973 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

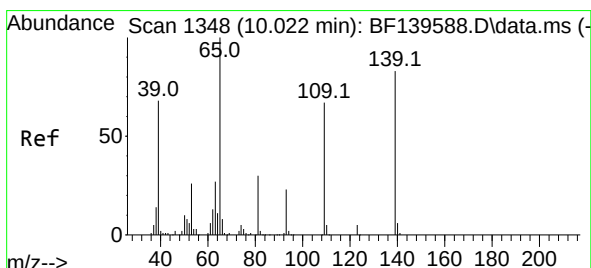
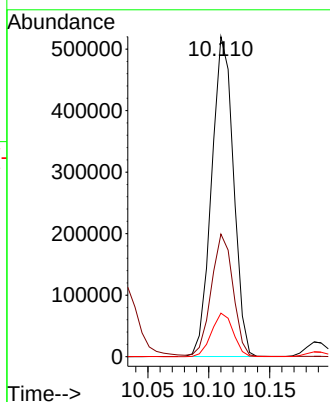
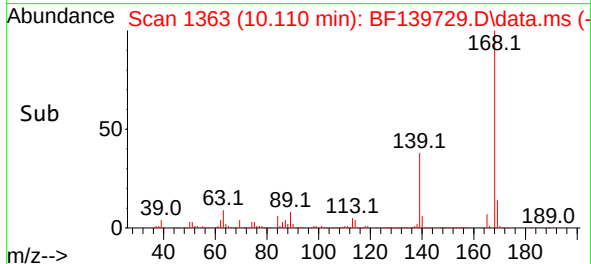
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:168 Resp: 649470
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.6 10.7 16.1

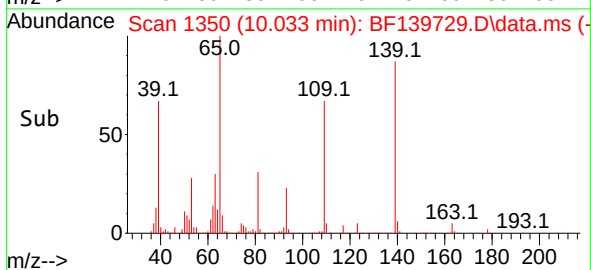
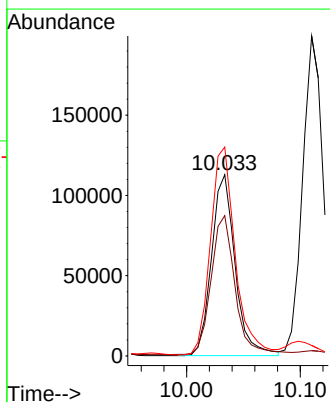
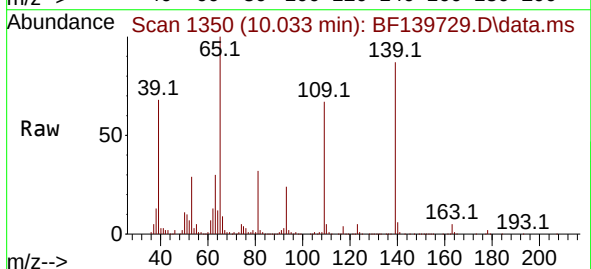
Manual Integrations
APPROVED

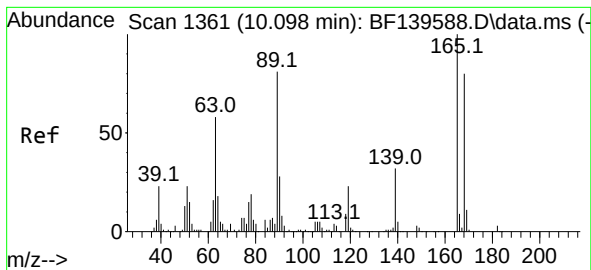
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 93.818 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:139 Resp: 162628
Ion Ratio Lower Upper
139 100
109 77.4 60.3 100.3
65 115.2 100.8 140.8





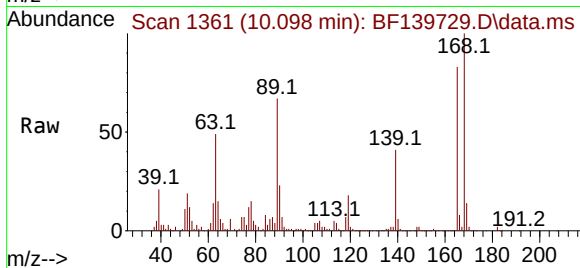
#57
2,4-Dinitrotoluene
Concen: 50.975 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

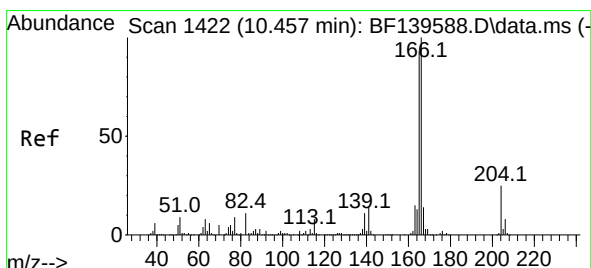
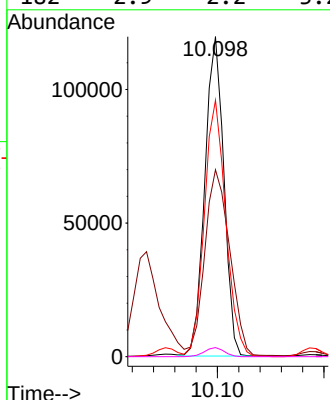
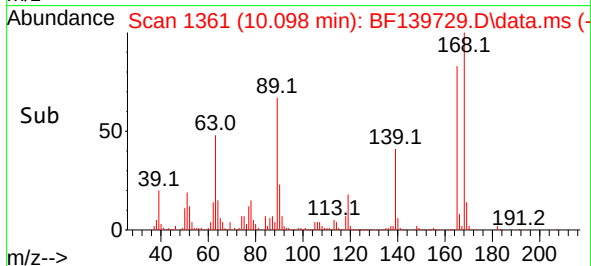


Tgt Ion:165 Resp: 14821
Ion Ratio Lower Upper
165 100
63 58.4 46.9 70.3
89 80.1 64.4 96.6
182 2.9 2.2 3.2

Manual Integrations

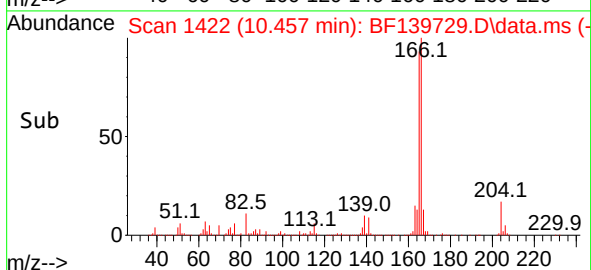
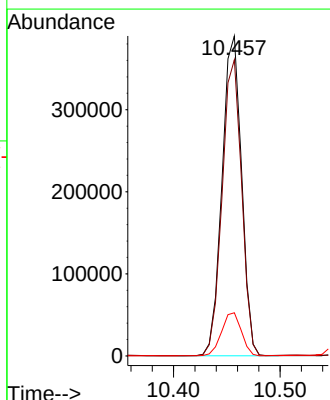
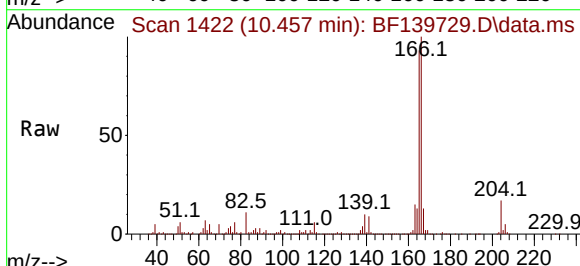
APPROVED

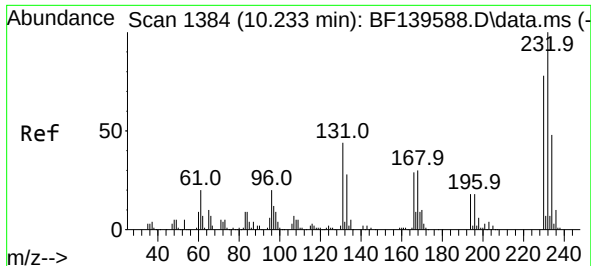
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#58
Fluorene
Concen: 50.639 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

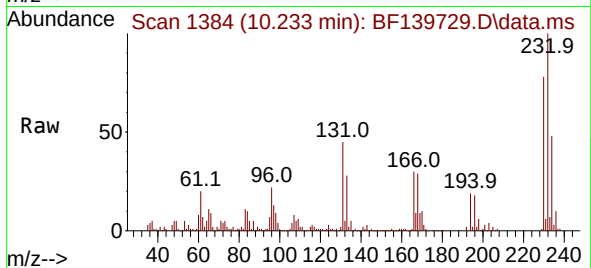
Tgt Ion:166 Resp: 494497
Ion Ratio Lower Upper
166 100
165 92.6 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.256 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

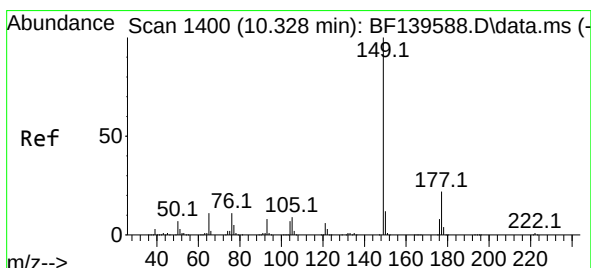
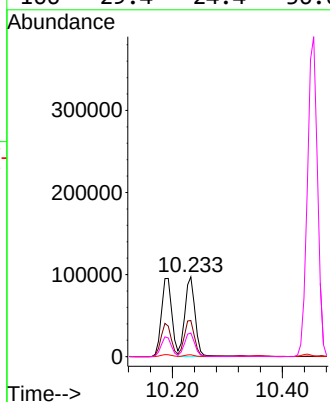
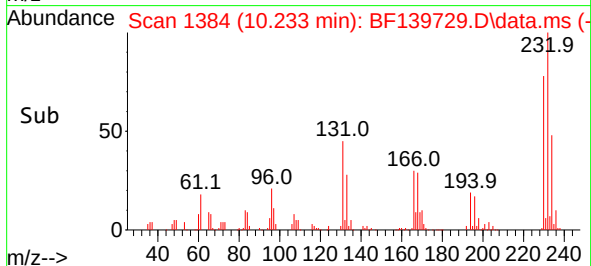
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:232 Resp: 125714
Ion Ratio Lower Upper
232 100
131 45.2 37.8 56.6
130 2.2 1.9 2.9
166 29.4 24.4 36.6

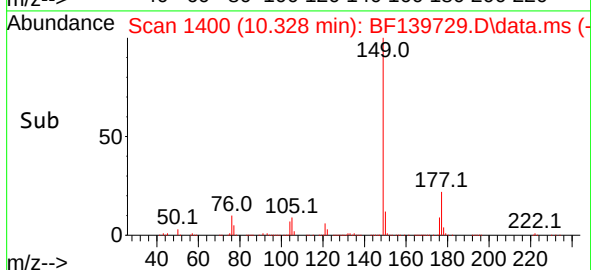
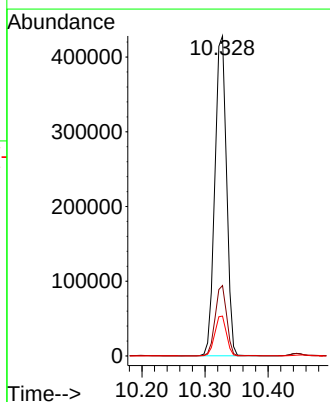
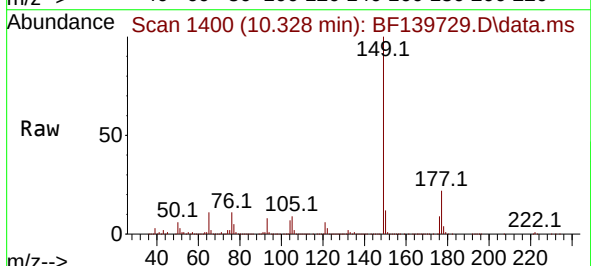
Manual Integrations
APPROVED

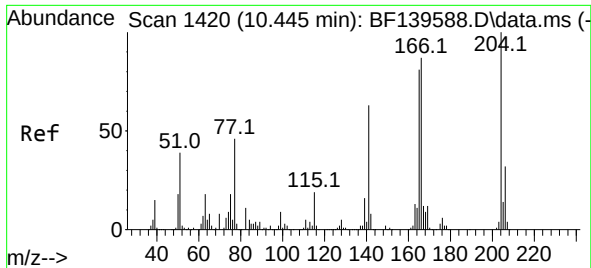
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 53.885 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

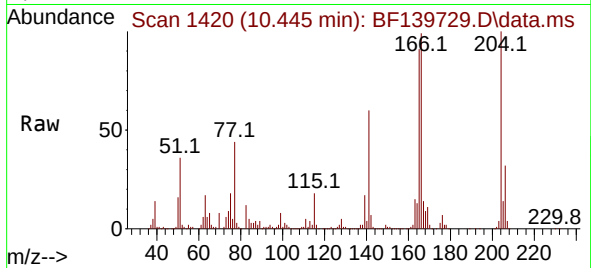
Tgt Ion:149 Resp: 548048
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 50.938 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

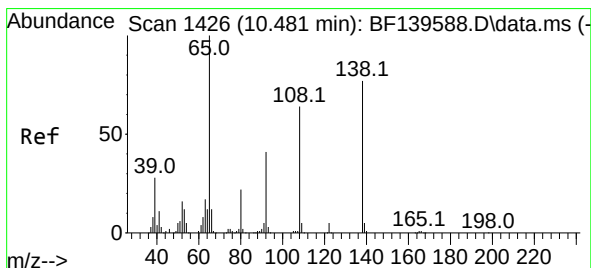
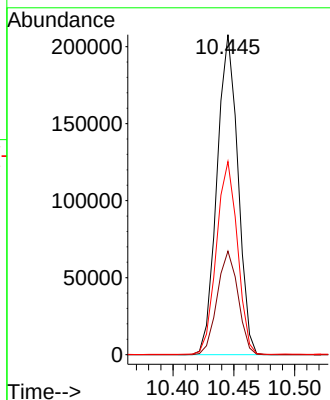
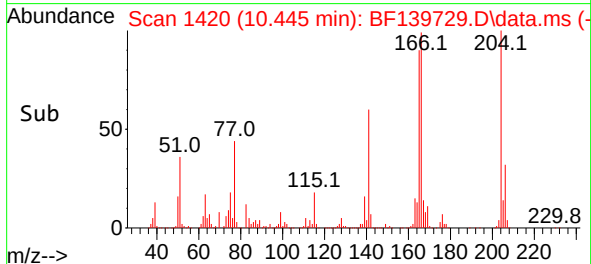
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



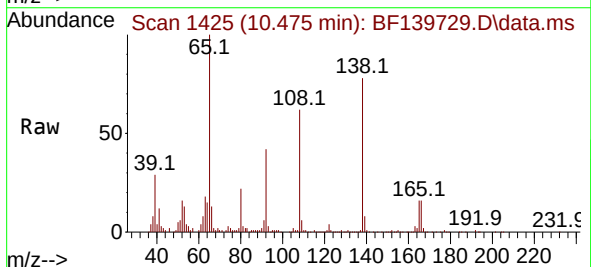
Tgt Ion:204 Resp: 248852
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 60.3 50.5 75.7

Manual Integrations
APPROVED

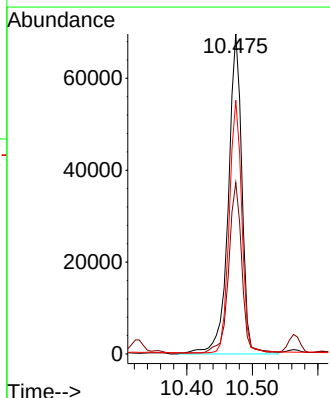
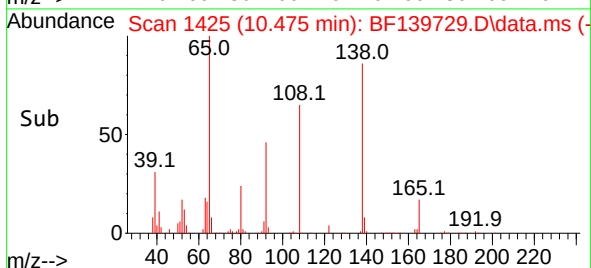
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

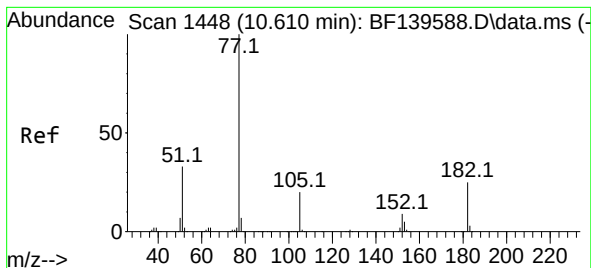


#62
4-Nitroaniline
Concen: 43.539 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



Tgt Ion:138 Resp: 101232
Ion Ratio Lower Upper
138 100
92 53.6 33.3 73.3
108 79.3 62.1 102.1





#63

Azobenzene

Concen: 59.128 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

Tgt Ion: 77 Resp: 60477

Ion Ratio Lower Upper

77 100

182 24.2 4.2 44.2

105 23.1 0.0 39.6

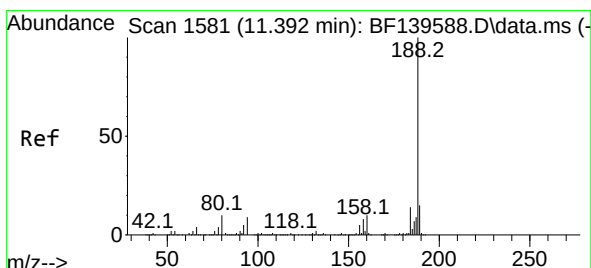
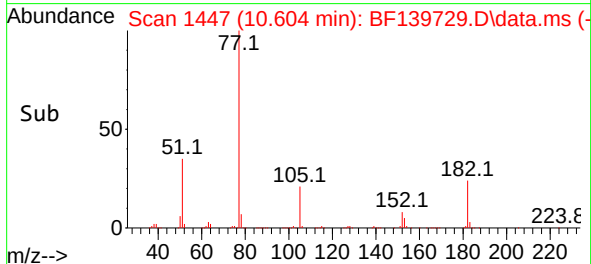
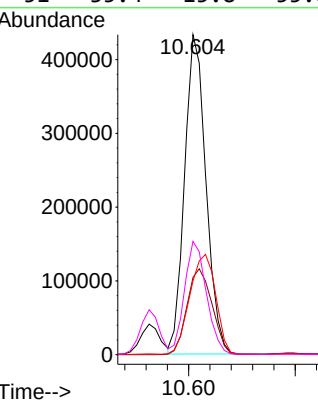
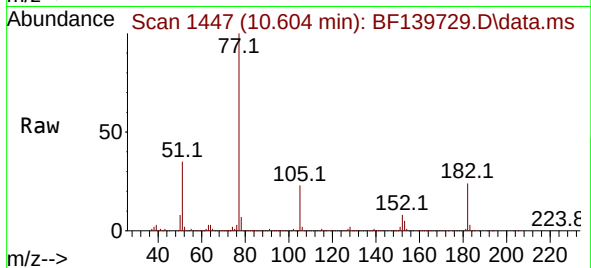
51 35.4 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

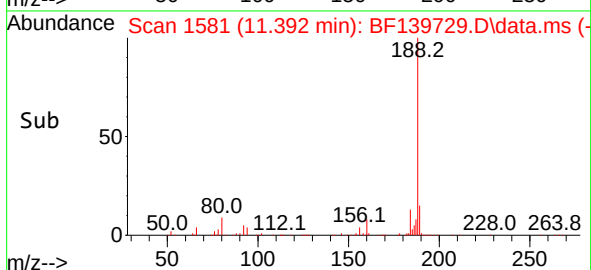
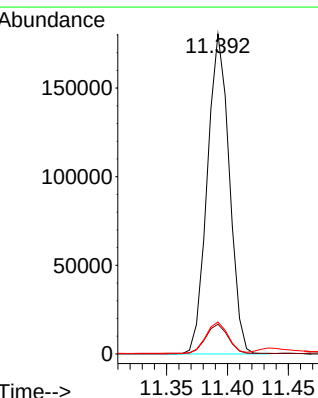
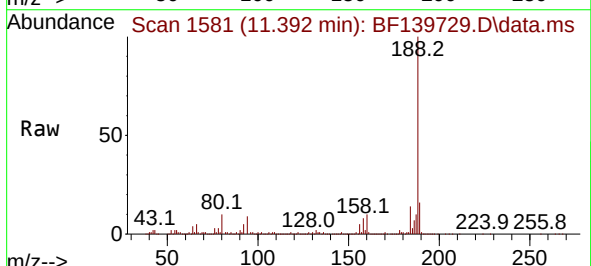
Tgt Ion:188 Resp: 227294

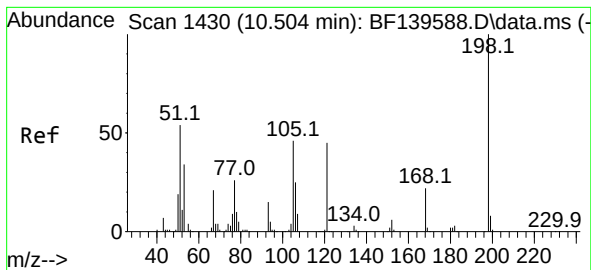
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.0 8.2 12.2





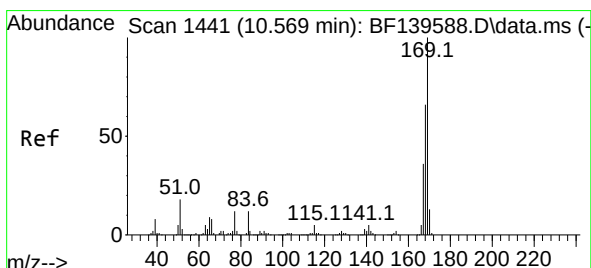
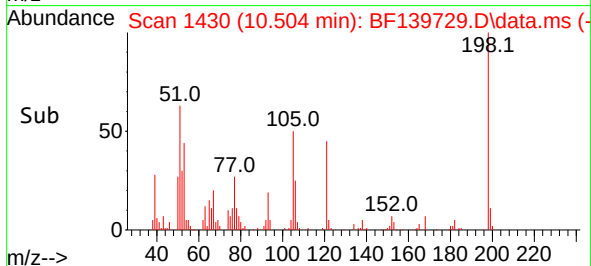
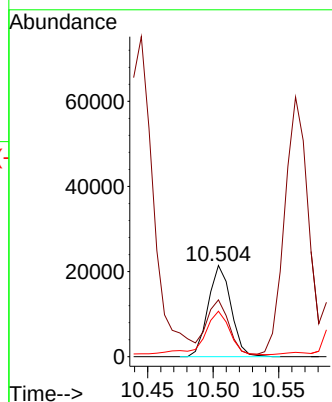
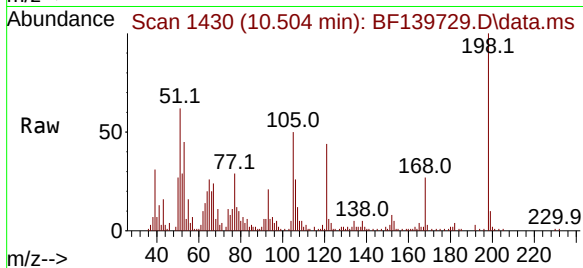
#65
4,6-Dinitro-2-methylphenol
Concen: 20.273 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion:198 Resp: 26025
Ion Ratio Lower Upper
198 100
51 62.3 43.0 83.0
105 49.9 26.6 66.6

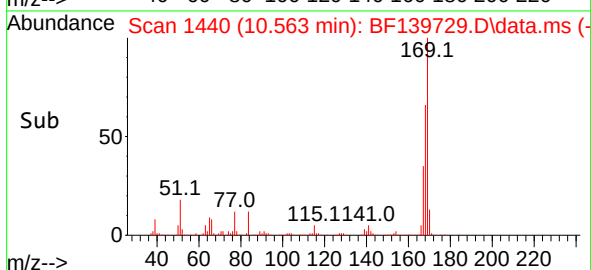
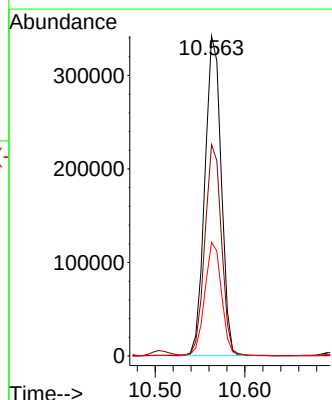
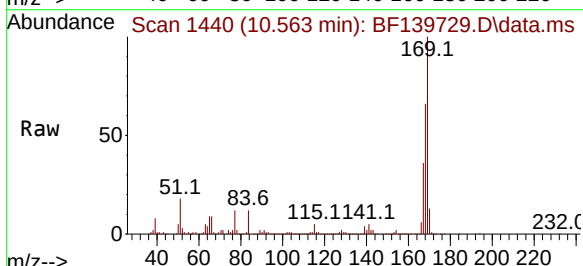
Manual Integrations
APPROVED

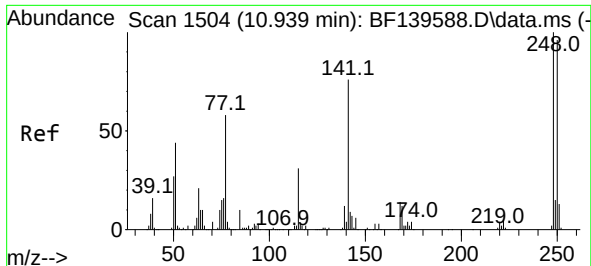
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 64.484 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

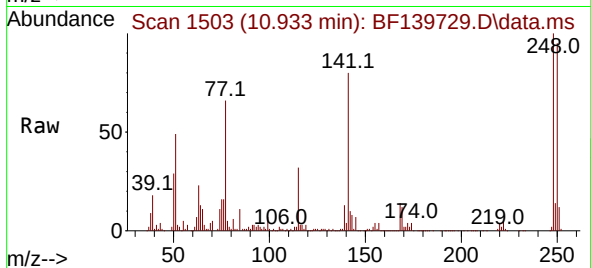
Tgt Ion:169 Resp: 432032
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 35.5 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 59.092 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

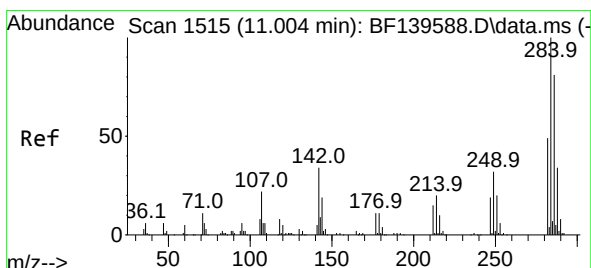
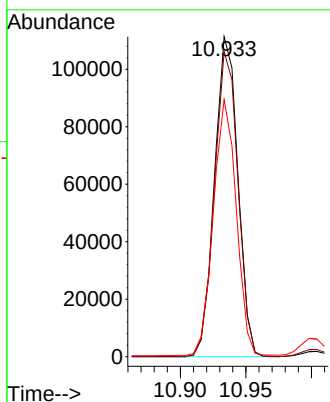
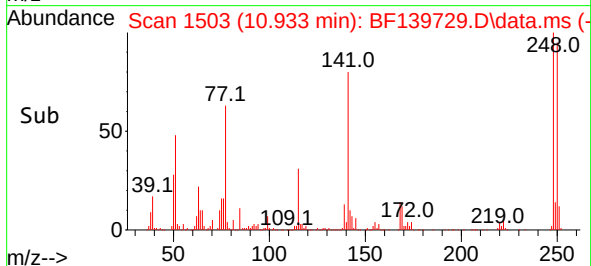
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



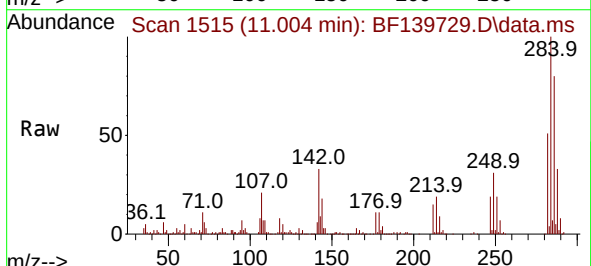
Tgt Ion:248 Resp: 137712
Ion Ratio Lower Upper
248 100
250 95.3 77.1 115.7
141 80.3 60.4 90.6

Manual Integrations
APPROVED

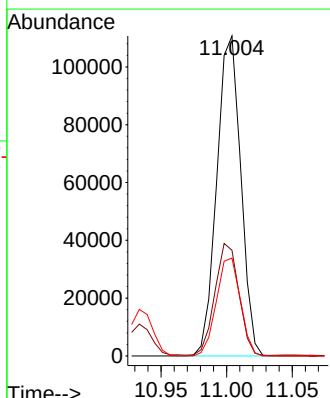
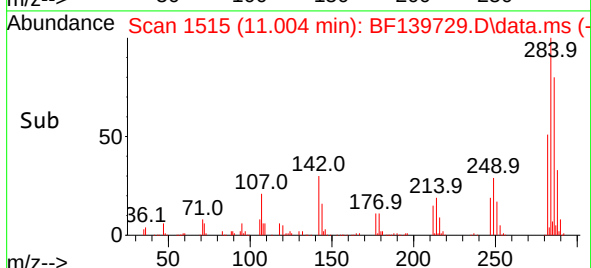
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

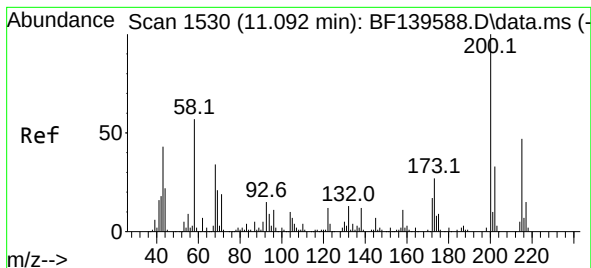


#68
Hexachlorobenzene
Concen: 54.374 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



Tgt Ion:284 Resp: 140611
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 30.6 25.4 38.0





#69

Atrazine

Concen: 70.103 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

Tgt Ion:200 Resp: 126010

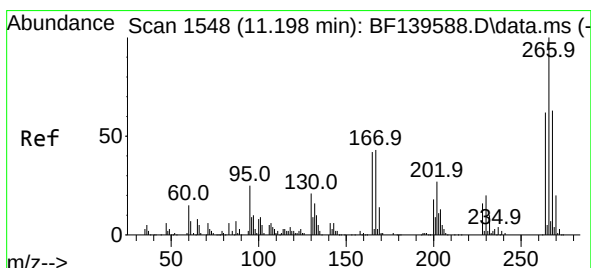
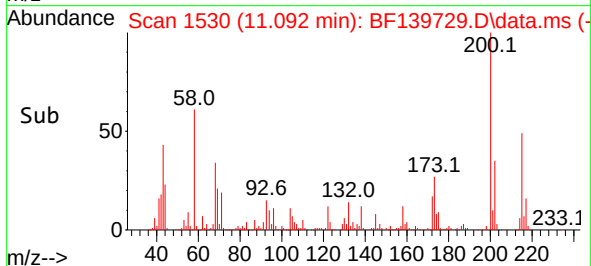
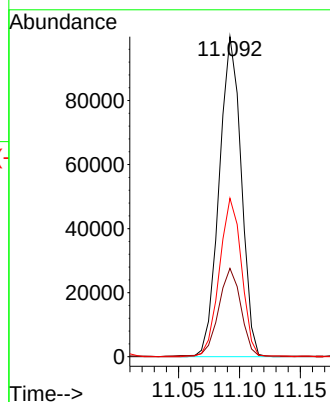
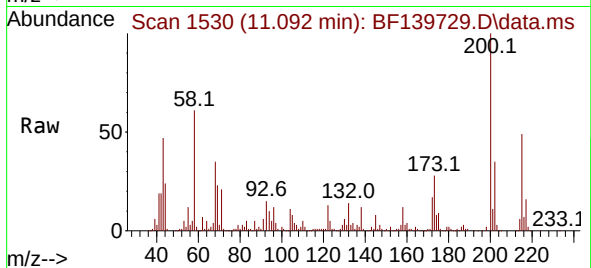
Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.7	46.7
215	49.5	27.5	67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 93.725 ng

RT: 11.198 min Scan# 1548

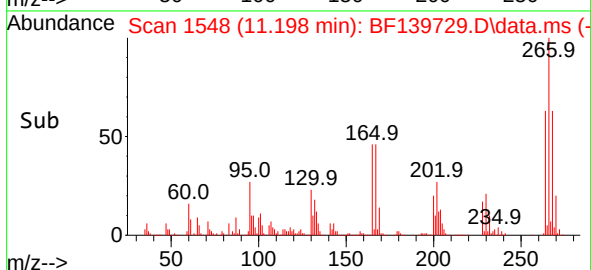
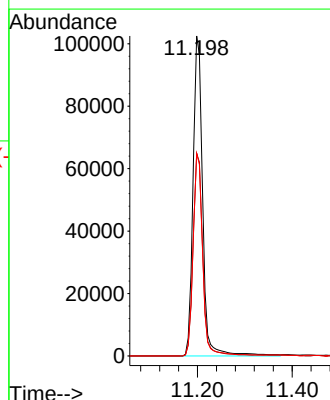
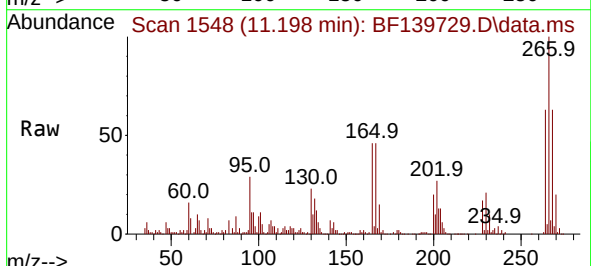
Delta R.T. -0.000 min

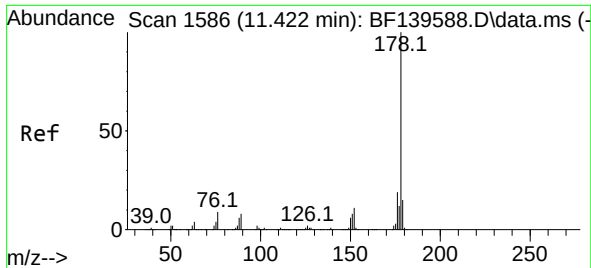
Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:266 Resp: 144319

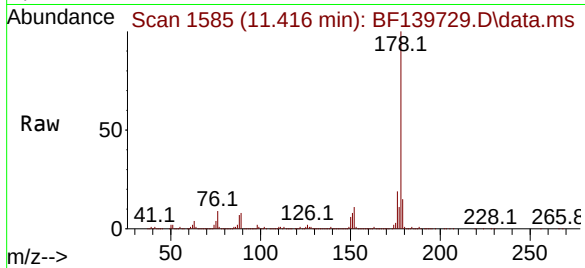
Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.0	75.0
264	63.3	49.3	73.9





#71
Phenanthrene
Concen: 64.676 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

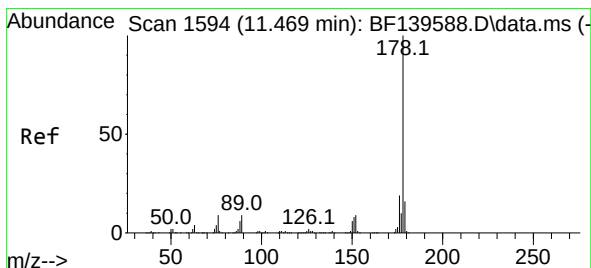
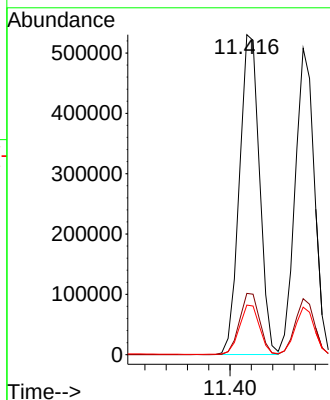
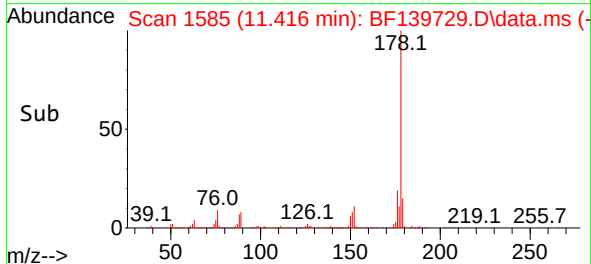
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:178 Resp: 693138
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.3 18.5

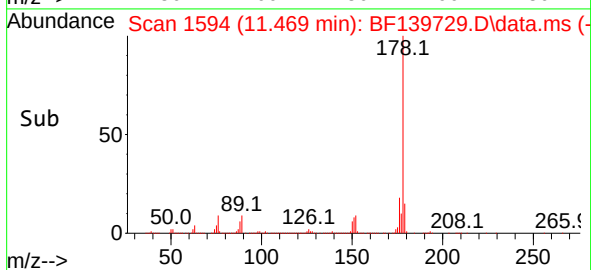
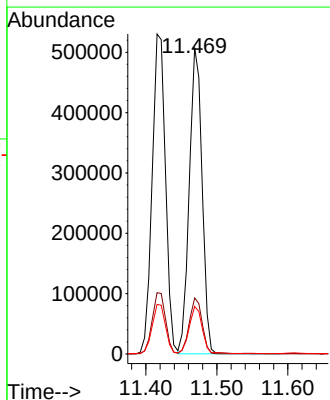
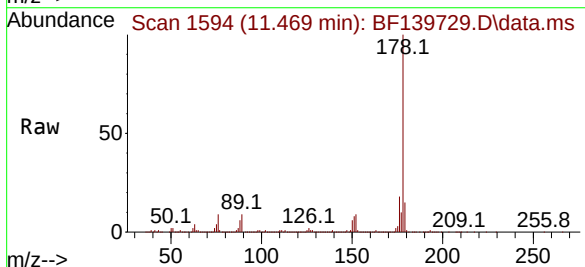
Manual Integrations
APPROVED

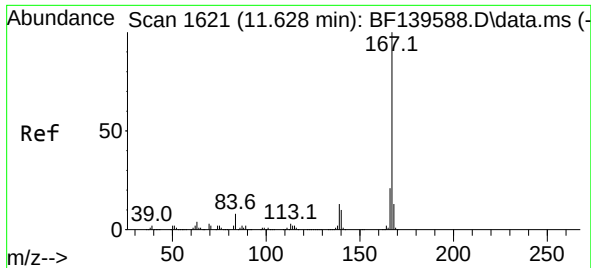
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#72
Anthracene
Concen: 59.951 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

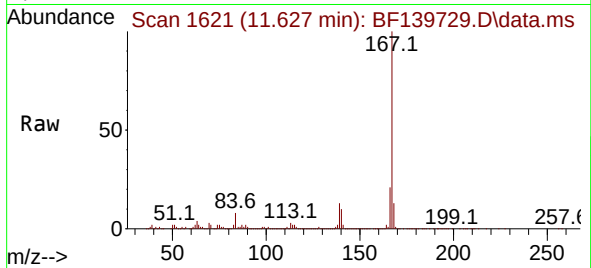
Tgt Ion:178 Resp: 635623
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 54.408 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

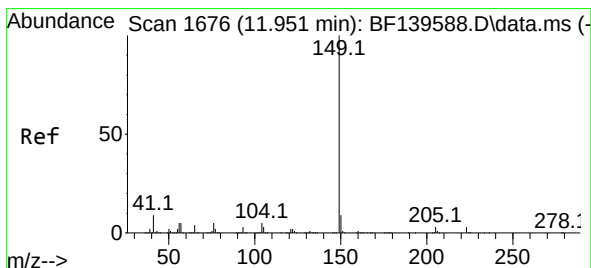
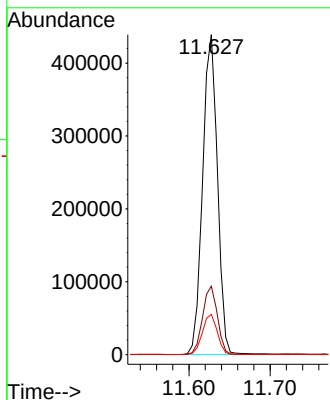
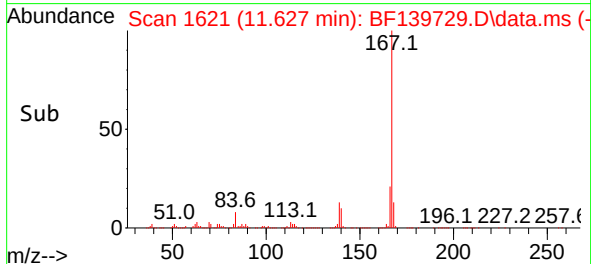
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD



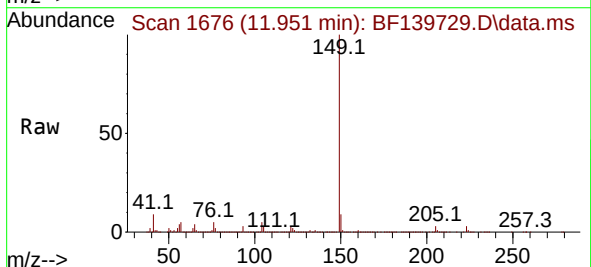
Tgt Ion:167 Resp: 554039
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.6 10.3 15.5

Manual Integrations
 APPROVED

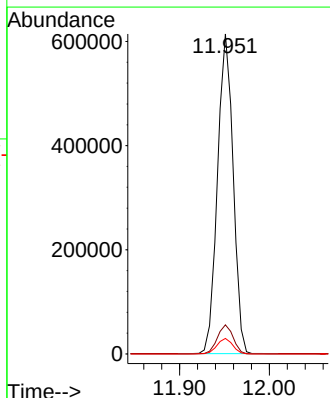
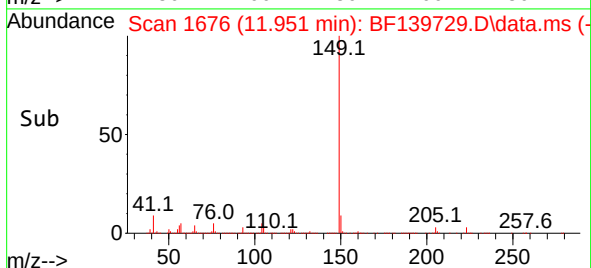
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

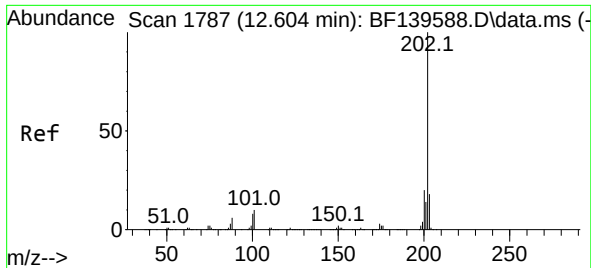


#74
 Di-n-butylphthalate
 Concen: 60.013 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27



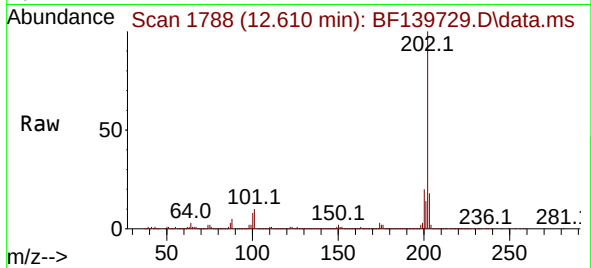
Tgt Ion:149 Resp: 743146
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 66.371 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

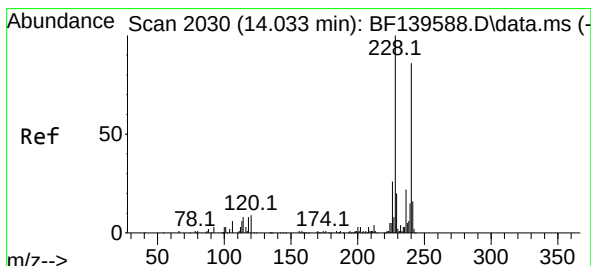
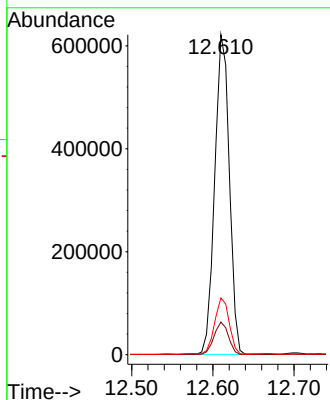
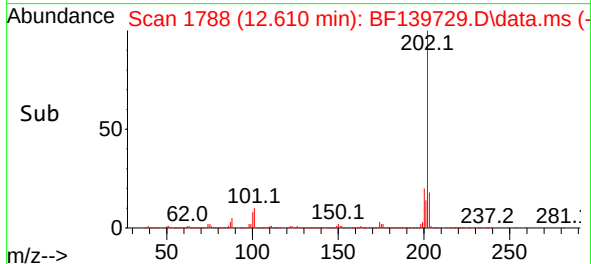
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:202 Resp: 777564
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.8 0.0 37.7

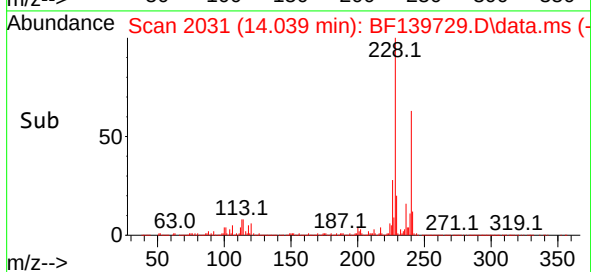
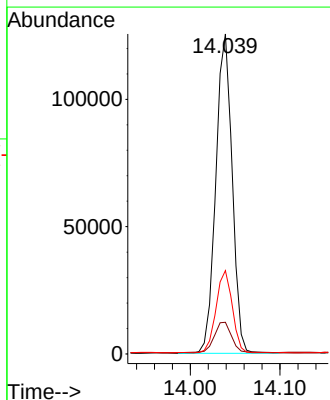
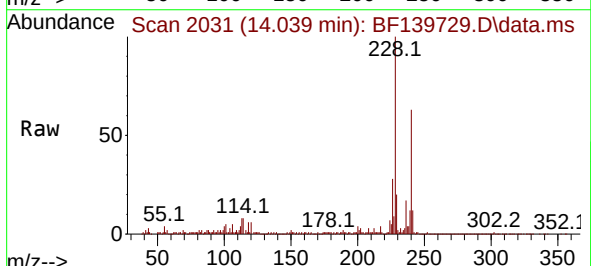
Manual Integrations
APPROVED

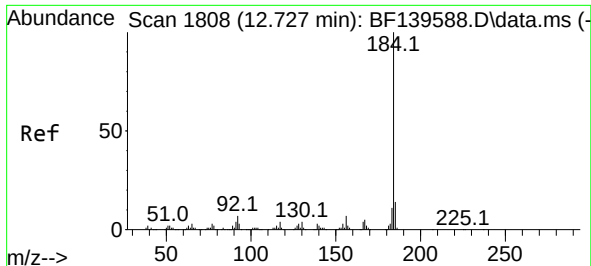
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

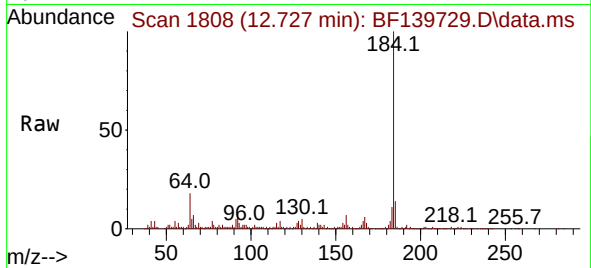
Tgt Ion:240 Resp: 158691
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.0 20.3 30.5





#77
Benzidine
Concen: 66.904 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

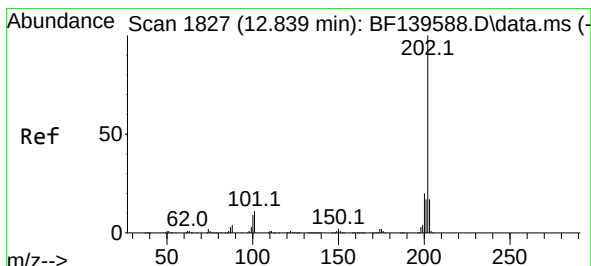
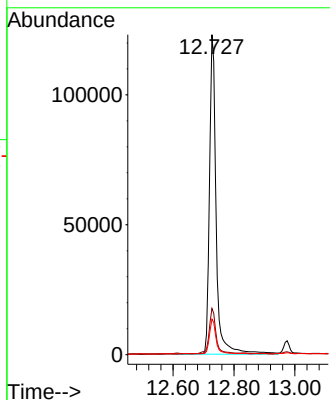
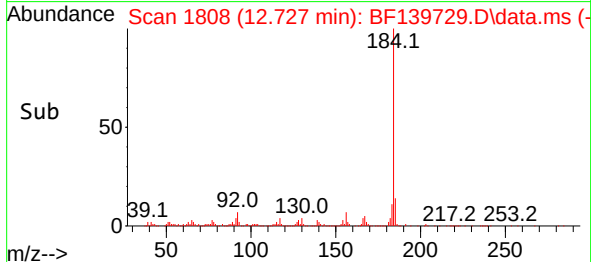
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



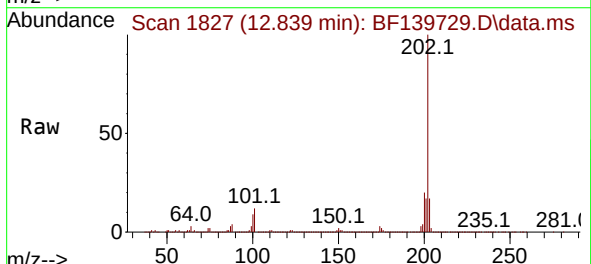
Tgt Ion:184 Resp: 18727
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.1 8.8 13.2

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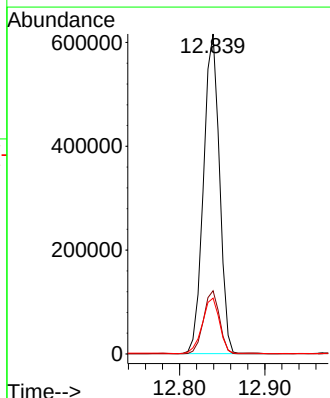
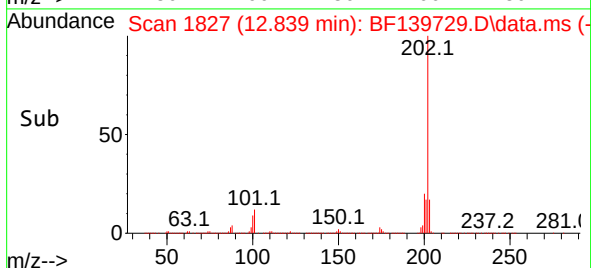
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

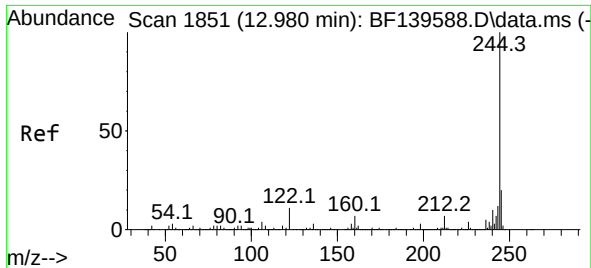


#78
Pyrene
Concen: 56.450 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



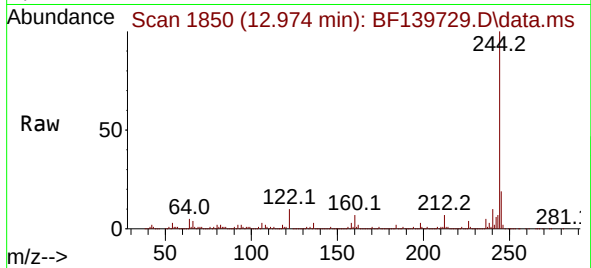
Tgt Ion:202 Resp: 801201
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 17.5 13.8 20.8





#79
 Terphenyl-d14
 Concen: 42.951 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

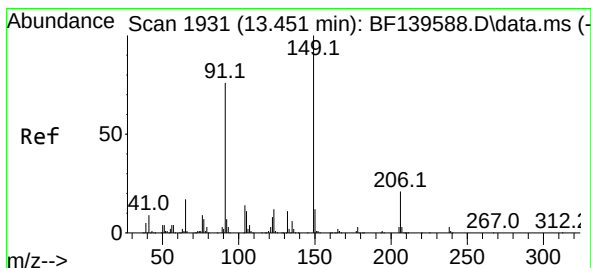
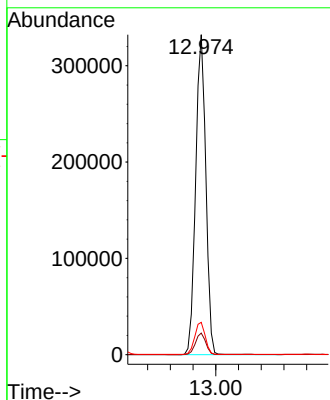
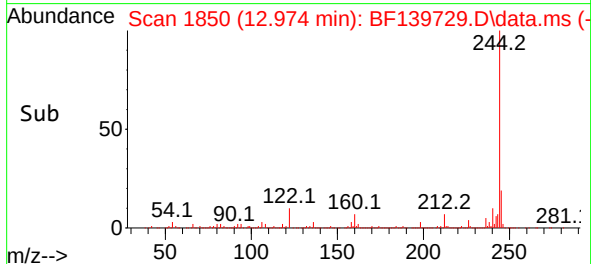
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD



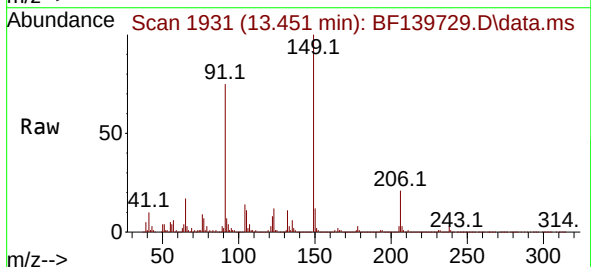
Tgt Ion:244 Resp: 415397
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.1 8.6 12.8

Manual Integrations
 APPROVED

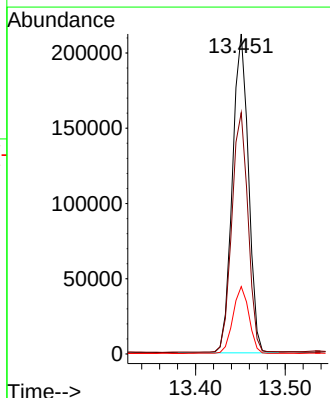
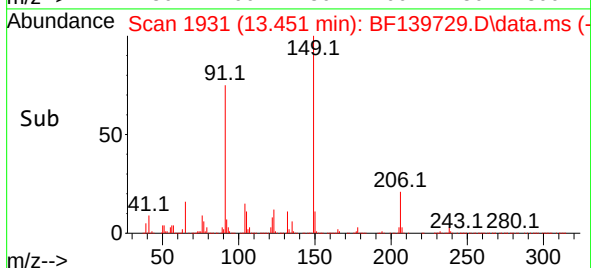
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

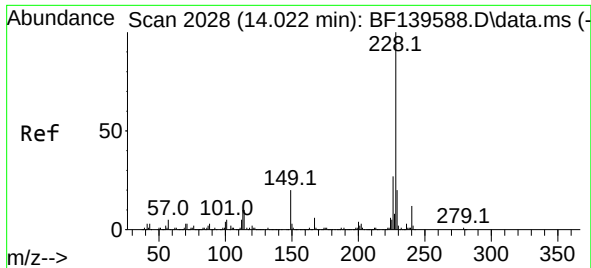


#80
 Butylbenzylphthalate
 Concen: 51.871 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27



Tgt Ion:149 Resp: 263339
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.0 91.4
 206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 64.936 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

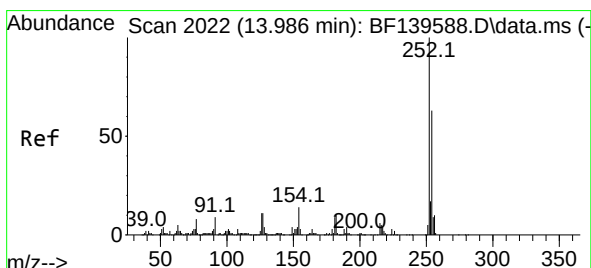
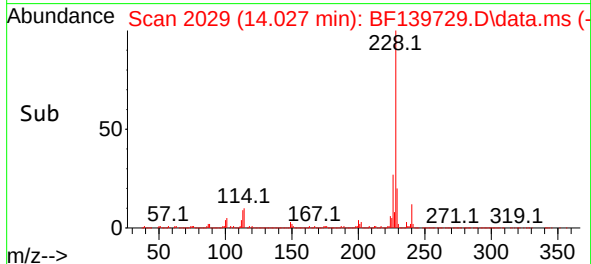
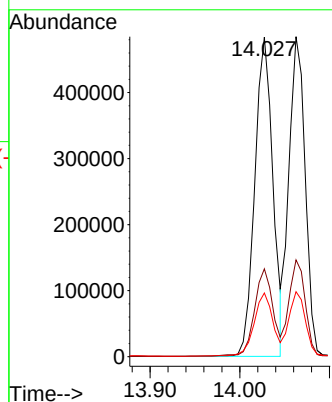
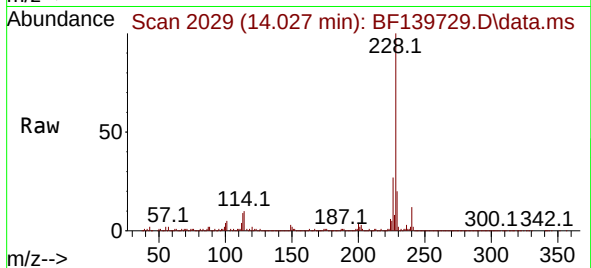
Tgt Ion:228 Resp: 677498
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.9 15.8 23.8

Manual Integrations

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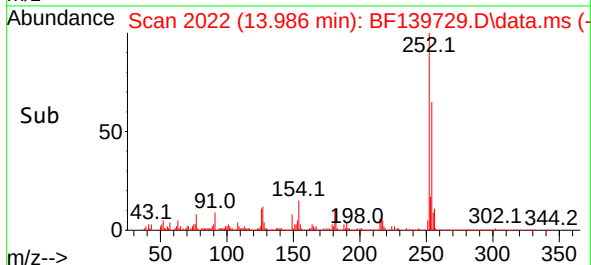
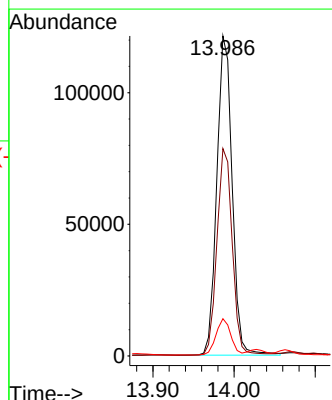
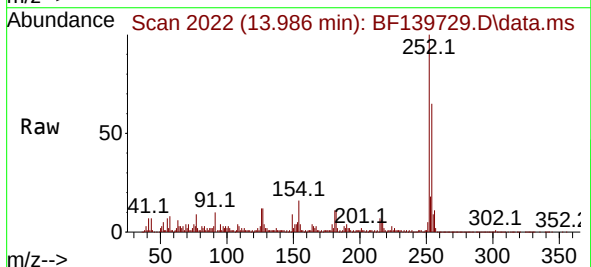
Reviewed By :Yogesh Patel 10/10/2024

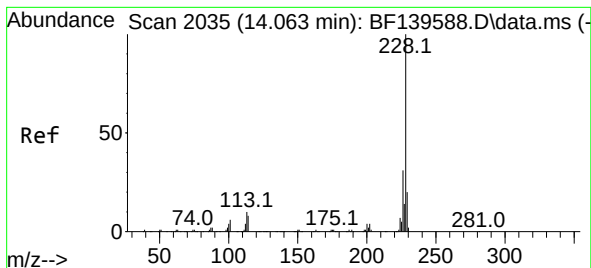
Supervised By :mohammad ahmed 10/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 49.919 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:252 Resp: 159395
Ion Ratio Lower Upper
252 100
254 64.8 50.5 75.7
126 11.6 8.8 13.2





#83

Chrysene

Concen: 63.570 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

Tgt Ion:228 Resp: 606374

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

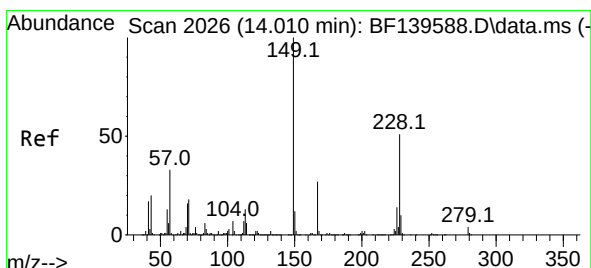
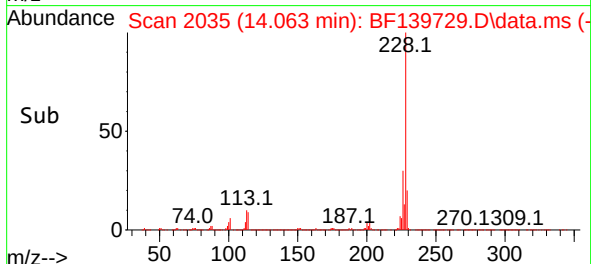
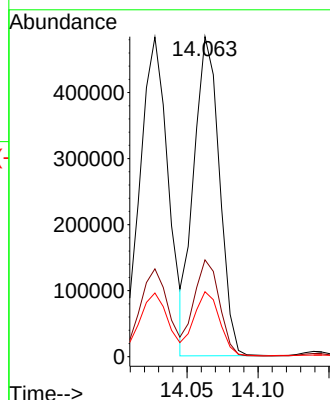
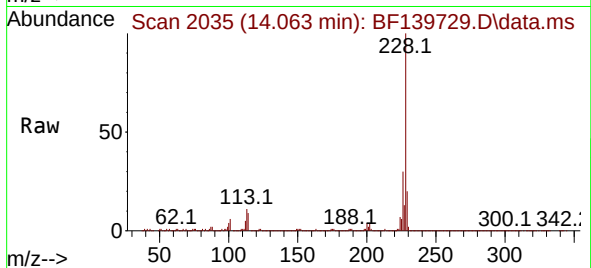
229 20.3 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.972 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

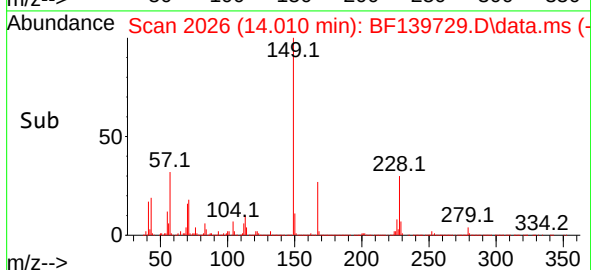
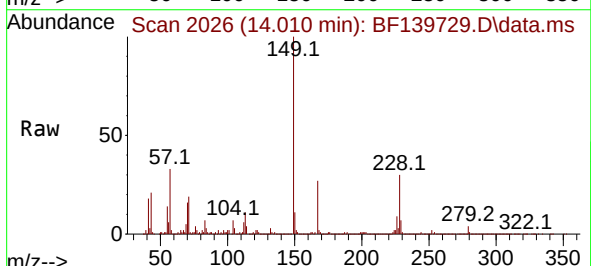
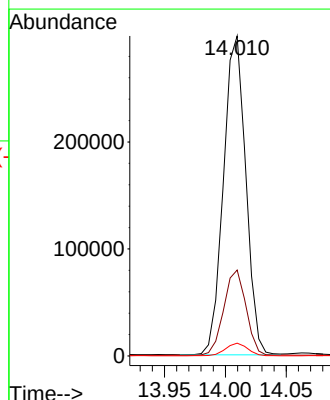
Tgt Ion:149 Resp: 380182

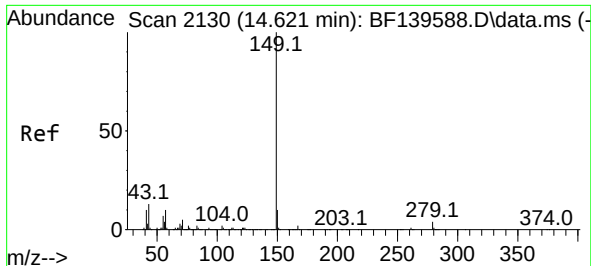
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

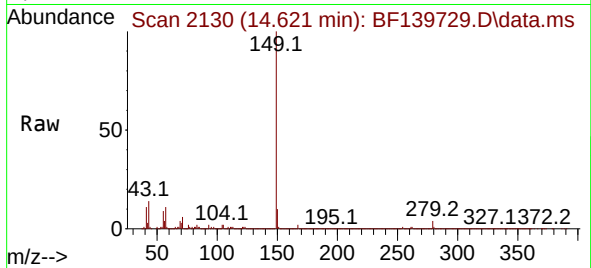
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 68.720 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

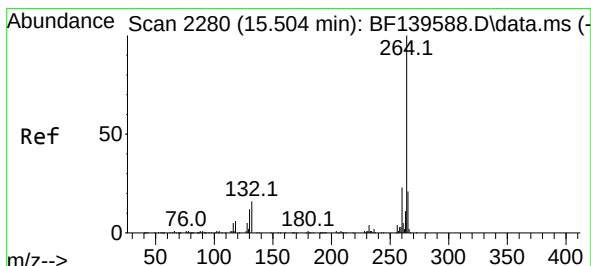
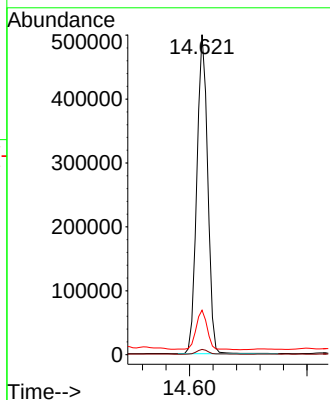
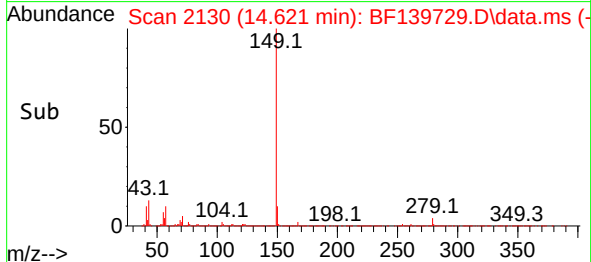
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:149 Resp: 640000
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.7 10.2 15.2

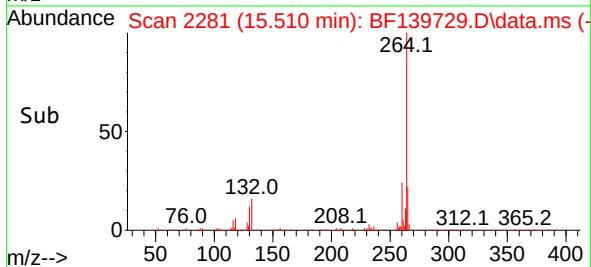
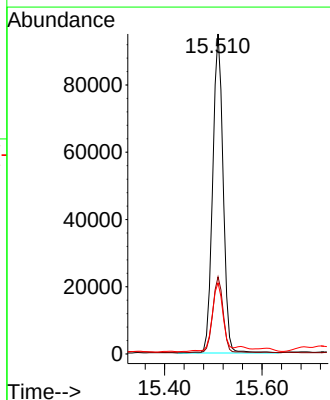
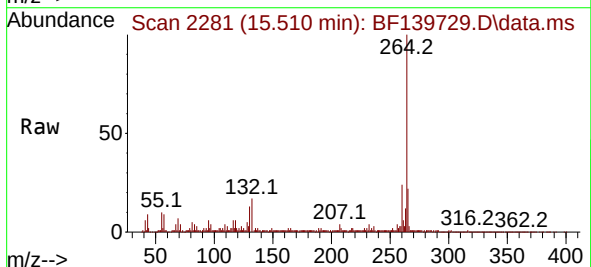
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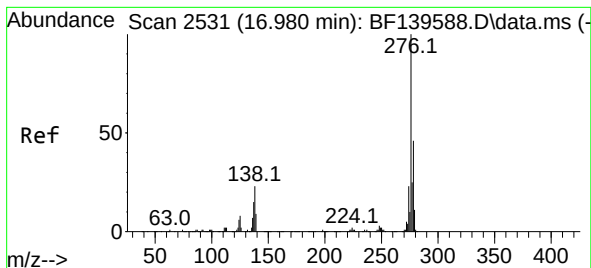
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:264 Resp: 140761
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.698 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

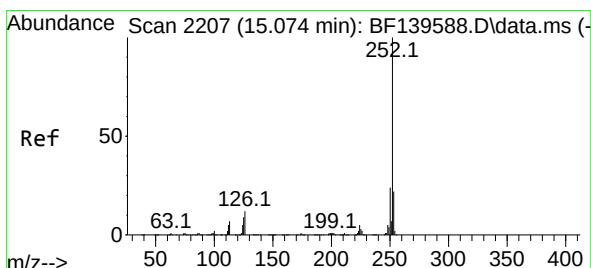
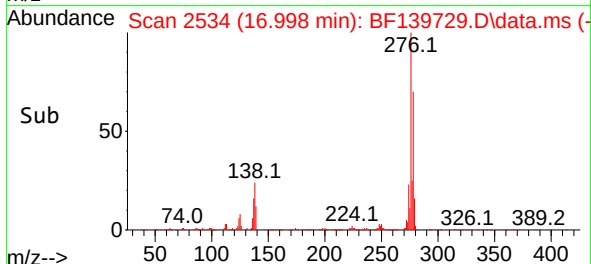
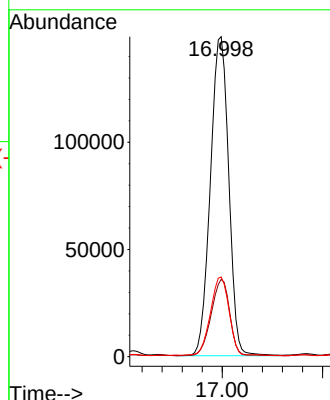
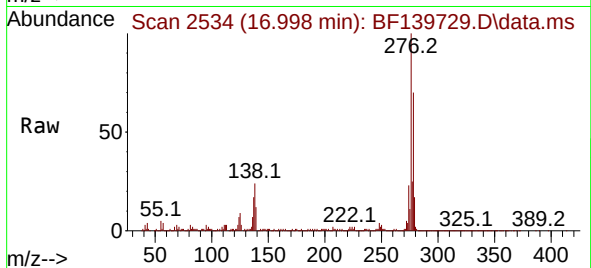
IB-6MSD

Tgt Ion:276 Resp: 378604
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.4 29.0
 277 24.5 20.2 30.2

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 69.719 ng

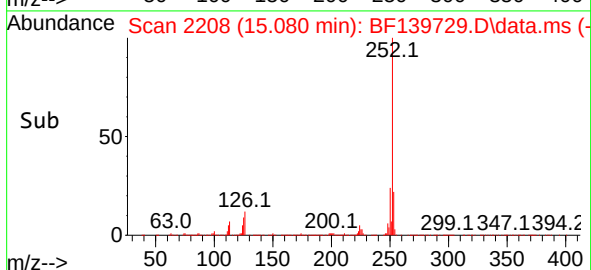
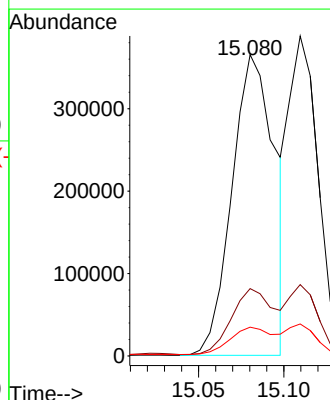
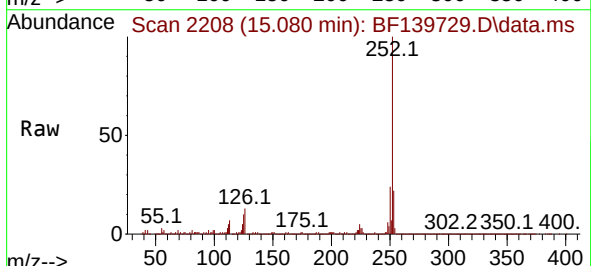
RT: 15.080 min Scan# 2208

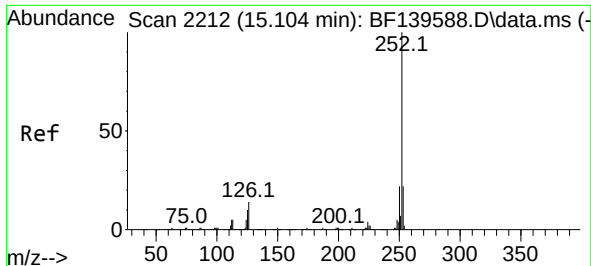
Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:252 Resp: 634537
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 60.257 ng

RT: 15.110 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

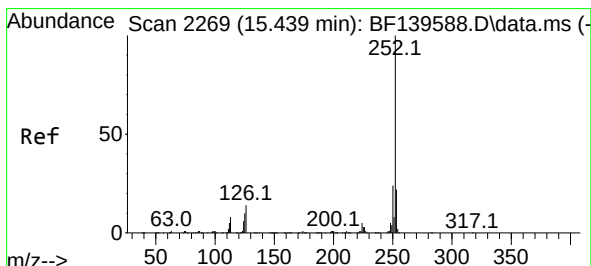
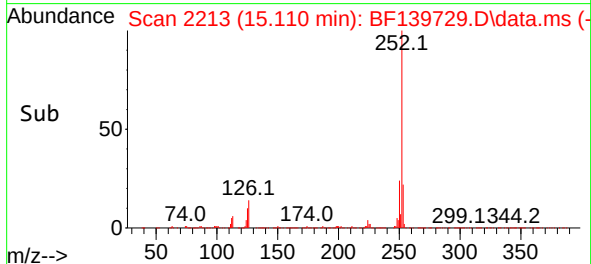
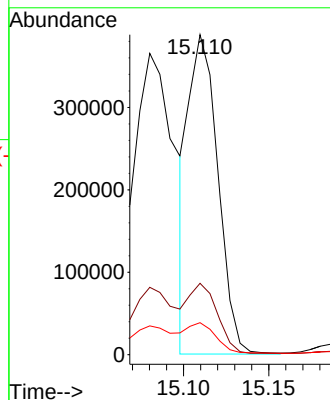
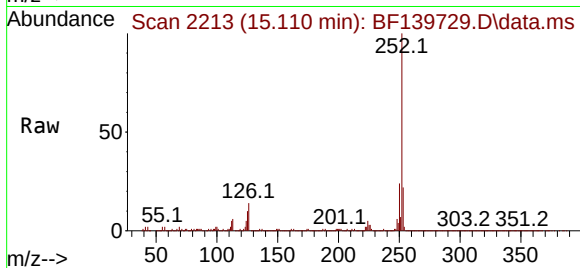
Tgt Ion:252 Resp: 465210
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 10.0 7.6 11.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#90

Benzo(a)pyrene

Concen: 67.951 ng

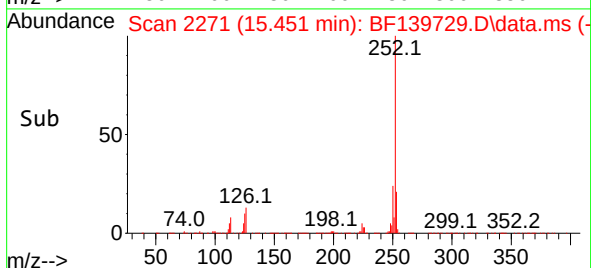
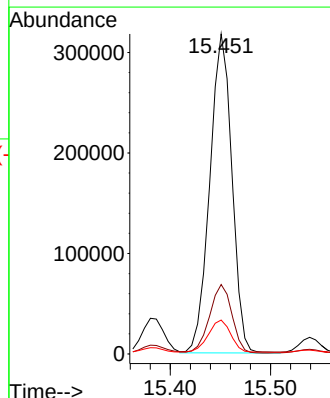
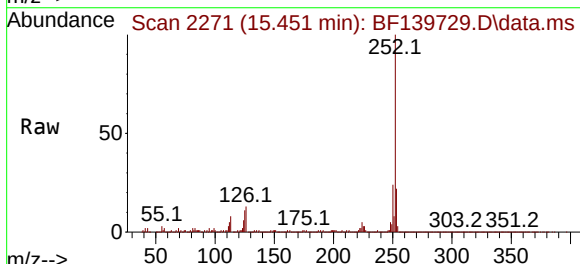
RT: 15.451 min Scan# 2271

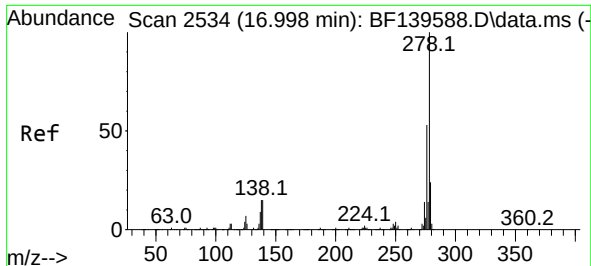
Delta R.T. 0.012 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

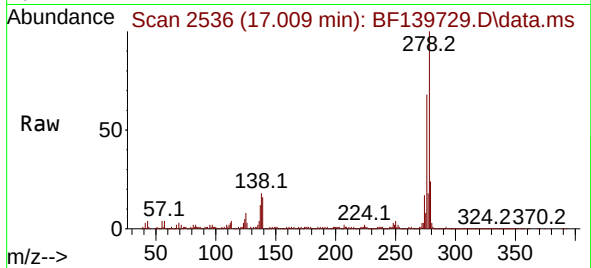
Tgt Ion:252 Resp: 487645
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 10.6 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 43.285 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

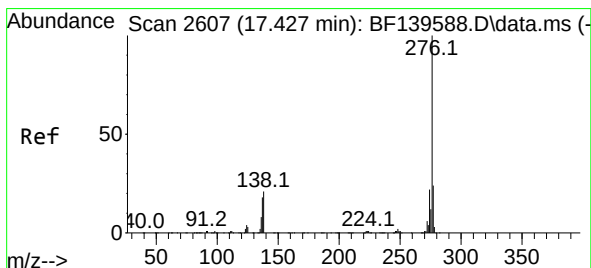
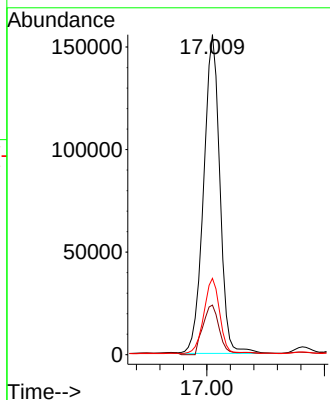
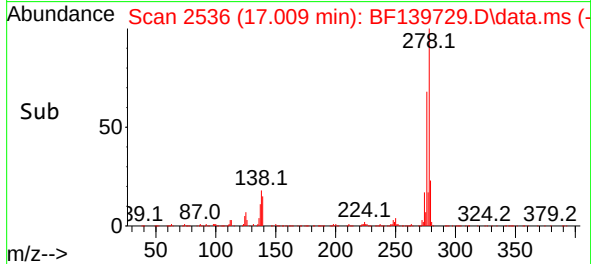
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



Tgt Ion:278 Resp: 297439
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.8 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.488 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:276 Resp: 279027
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.3 17.0 25.6

