

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138576.D
 Acq On : 15 Jul 2024 19:15
 Operator : CG\JU
 Sample : P3228-01MSD 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MSD

Quant Time: Jul 16 00:49:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81433	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	284497	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126263	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	212057	20.000	ng	0.00
76) Chrysene-d12	14.027	240	119349	20.000	ng	0.00
86) Perylene-d12	15.498	264	104783	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	247006	48.039	ng	0.00
7) Phenol-d6	6.504	99	308836	45.151	ng	0.00
23) Nitrobenzene-d5	7.428	82	193855	33.455	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	51698	43.810	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	304309	37.668	ng	0.00
79) Terphenyl-d14	12.968	244	278905	38.071	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	47389	20.810	ng	98
3) Pyridine	3.428	79	117586	20.938	ng	99
4) n-Nitrosodimethylamine	3.375	42	93240	25.505	ng	98
6) Aniline	6.528	93	84105	13.128	ng	93
8) 2-Chlorophenol	6.651	128	134913	24.814	ng	97
9) Benzaldehyde	6.416	77	15408	4.208	ng	97
10) Phenol	6.516	94	172470	23.755	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	137066	25.075	ng	98
12) 1,3-Dichlorobenzene	6.804	146	145039	23.733	ng	95
13) 1,4-Dichlorobenzene	6.886	146	145971	23.521	ng	100
14) 1,2-Dichlorobenzene	7.034	146	137059	23.713	ng	97
15) Benzyl Alcohol	7.010	79	123809	24.119	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	259879	24.175	ng	92
17) 2-Methylphenol	7.122	107	103818	23.299	ng	98
18) Hexachloroethane	7.375	117	46371	20.325	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	100125	23.690	ng	97
20) 3+4-Methylphenols	7.275	107	132194	23.560	ng	# 87
22) Acetophenone	7.275	105	175340	25.376	ng	96
24) Nitrobenzene	7.445	77	146030	24.799	ng	99
25) Isophorone	7.686	82	257741	25.901	ng	99
26) 2-Nitrophenol	7.763	139	59929	23.745	ng	94
27) 2,4-Dimethylphenol	7.804	122	83918	27.054	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	155135	26.086	ng	98
29) 2,4-Dichlorophenol	8.010	162	93978	23.331	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	109950	23.431	ng	98
31) Naphthalene	8.169	128	354274	23.944	ng	99
32) Benzoic acid	7.898	122	39762	13.440	ng	92
33) 4-Chloroaniline	8.222	127	64516	12.427	ng	95
34) Hexachlorobutadiene	8.281	225	68811	23.813	ng	100
35) Caprolactam	8.569	113	25236	19.415	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	93711	20.780	ng	98
37) 2-Methylnaphthalene	8.857	142	209149	21.965	ng	98
38) 1-Methylnaphthalene	8.957	142	192141	20.676	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	87527	24.873	ng	99
41) Hexachlorocyclopentadiene	9.010	237	4164	3.646	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	55485	24.718	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	55629	22.532	ng	100
46) 1,1'-Biphenyl	9.322	154	235101	24.570	ng	99
47) 2-Chloronaphthalene	9.351	162	181715	25.138	ng	97
48) 2-Nitroaniline	9.445	65	67824	27.076	ng	93
49) Acenaphthylene	9.763	152	270426	26.349	ng	100
50) Dimethylphthalate	9.622	163	219450	26.879	ng	99
51) 2,6-Dinitrotoluene	9.686	165	43010	22.880	ng	99
52) Acenaphthene	9.933	154	163550	23.973	ng	97
53) 3-Nitroaniline	9.857	138	42812	22.220	ng	98
54) 2,4-Dinitrophenol	9.969	184	2393	6.901	ng	# 86
55) Dibenzofuran	10.104	168	244385	24.697	ng	99
56) 4-Nitrophenol	10.022	139	55975	39.374	ng	98
57) 2,4-Dinitrotoluene	10.086	165	53391	21.951	ng	99
58) Fluorene	10.451	166	185490	23.691	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	42112	21.613	ng	97
60) Diethylphthalate	10.316	149	201992	25.663	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	93991	23.906	ng	94
62) 4-Nitroaniline	10.463	138	44265	22.927	ng	96
63) Azobenzene	10.598	77	199590	23.586	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	2877	2.350	ng	78
66) n-Nitrosodiphenylamine	10.557	169	160236	25.221	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	52254	23.975	ng	93
68) Hexachlorobenzene	10.998	284	54164	22.370	ng	92
69) Atrazine	11.086	200	52274	24.816	ng	98
70) Pentachlorophenol	11.192	266	50843	35.486	ng	97
71) Phenanthrene	11.410	178	294008	27.443	ng	100
72) Anthracene	11.463	178	281573	26.477	ng	99
73) Carbazole	11.621	167	243915	25.522	ng	99
74) Di-n-butylphthalate	11.945	149	298255	27.074	ng	100
75) Fluoranthene	12.598	202	318745	29.158	ng	97
77) Benzidine	12.721	184	13655m	4.535	ng	
78) Pyrene	12.827	202	317248	26.185	ng	98
80) Butylbenzylphthalate	13.445	149	114314	31.365	ng	98
81) Benzo(a)anthracene	14.015	228	212964	26.593	ng	97
82) 3,3'-Dichlorobenzidine	13.980	252	45180	21.894	ng	99
83) Chrysene	14.051	228	202083	26.674	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	149536	38.471	ng	97
85) Di-n-octyl phthalate	14.610	149	213526	34.773	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	153961	21.875	ng	97
88) Benzo(b)fluoranthene	15.068	252	162536	27.544	ng	98
89) Benzo(k)fluoranthene	15.092	252	148320m	25.771	ng	
90) Benzo(a)pyrene	15.433	252	141488	27.294	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	121788	21.153	ng	99
92) Benzo(g,h,i)perylene	17.421	276	108097	17.706	ng	97

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

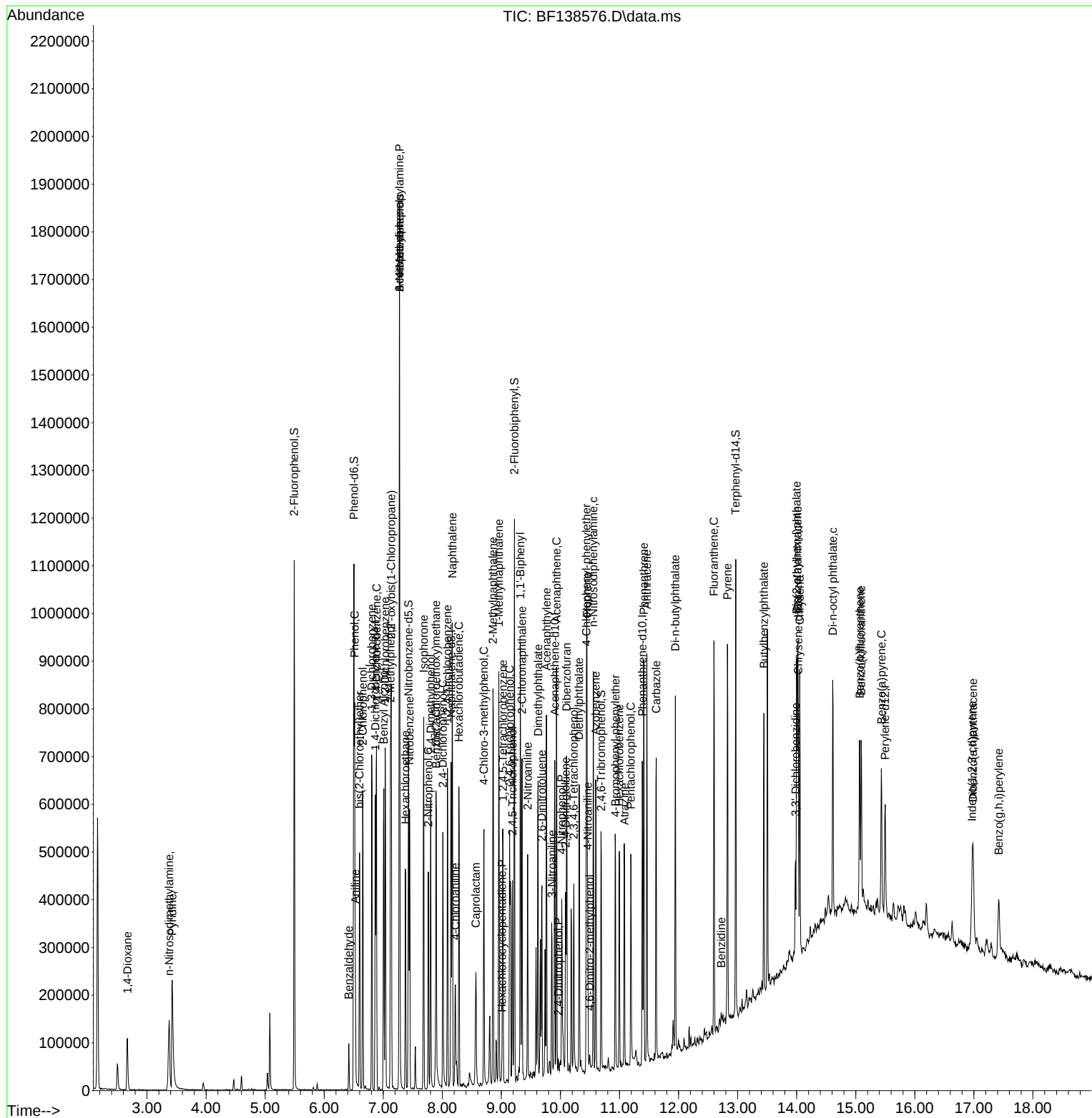
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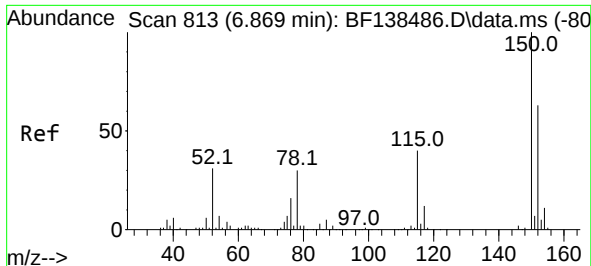
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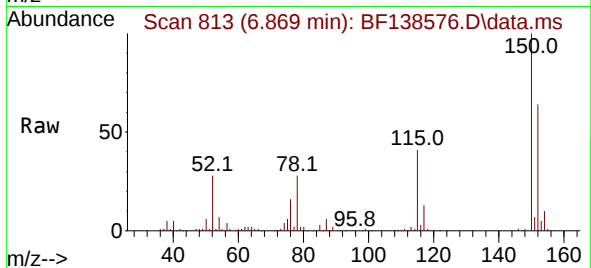
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

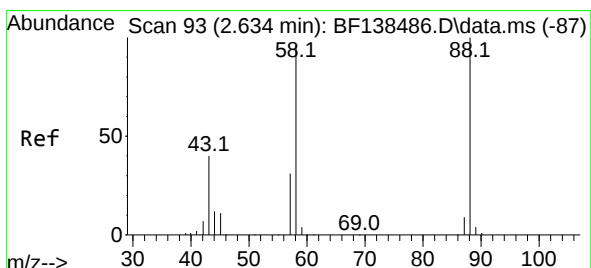
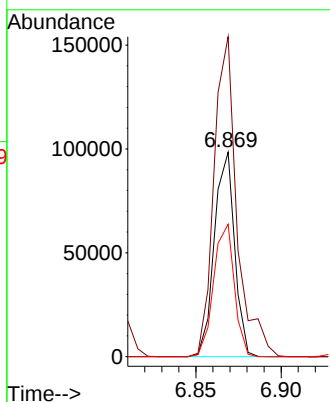
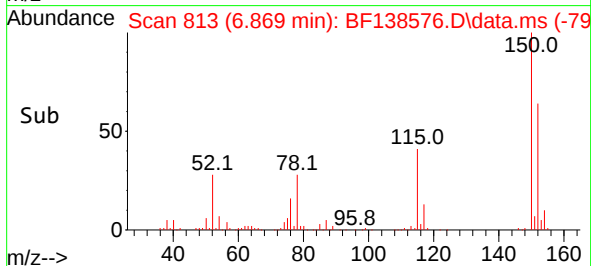
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:152 Resp: 81433
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 64.8 50.3 75.5

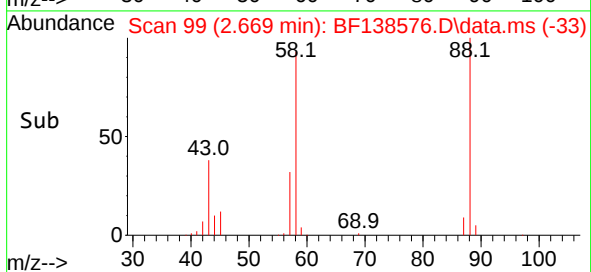
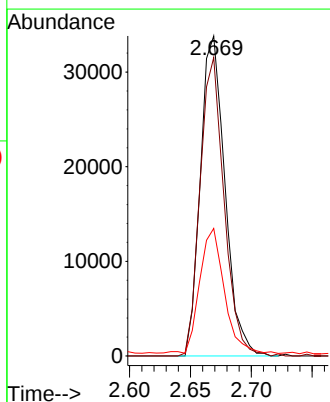
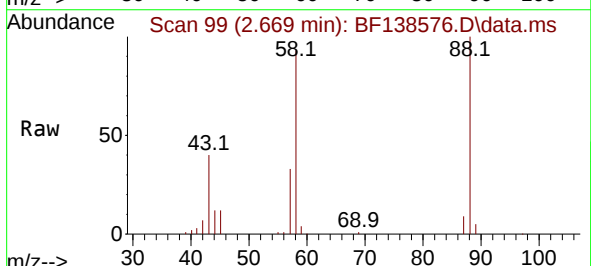
Manual Integrations
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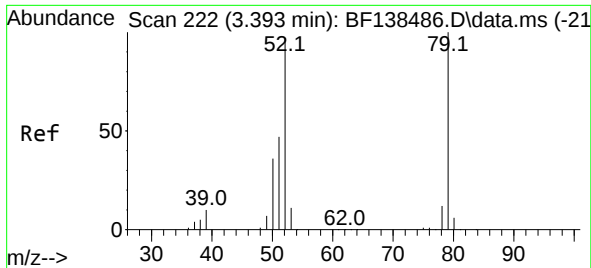
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#2
1,4-Dioxane
Concen: 20.810 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.035 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 88 Resp: 47389
Ion Ratio Lower Upper
88 100
58 91.2 74.6 112.0
43 38.7 31.8 47.6





#3

Pyridine

Concen: 20.938 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF138576.D

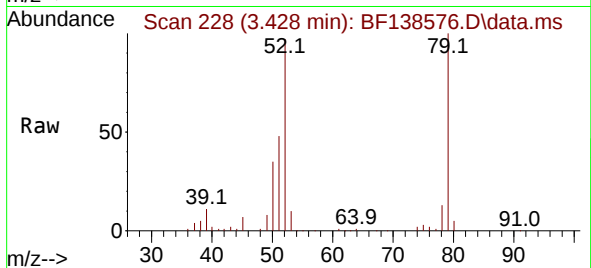
Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD



Tgt Ion: 79 Resp: 117586

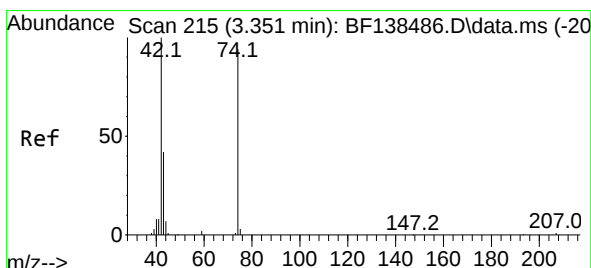
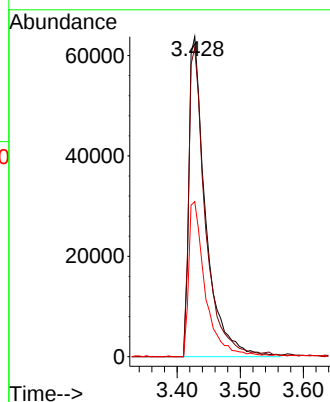
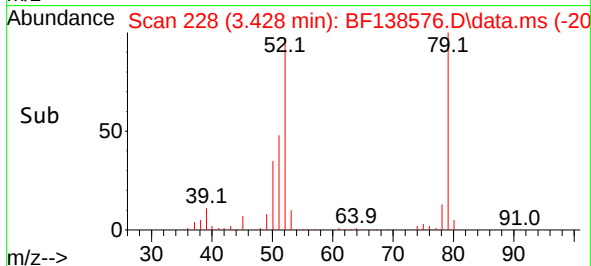
Ion	Ratio	Lower	Upper
79	100		
52	96.5	77.4	116.2
51	48.4	37.4	56.0

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Supervised By :mohammad ahmed 07/16/2024



#4

n-Nitrosodimethylamine

Concen: 25.505 ng

RT: 3.375 min Scan# 219

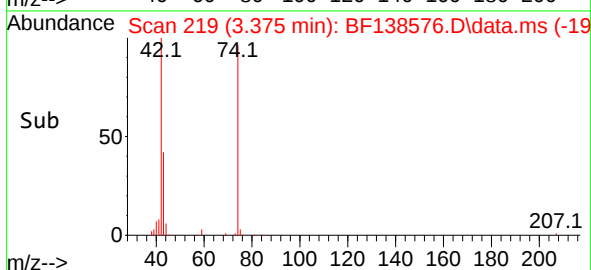
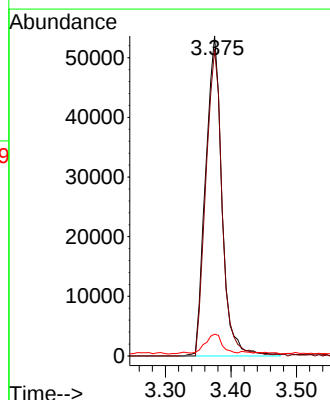
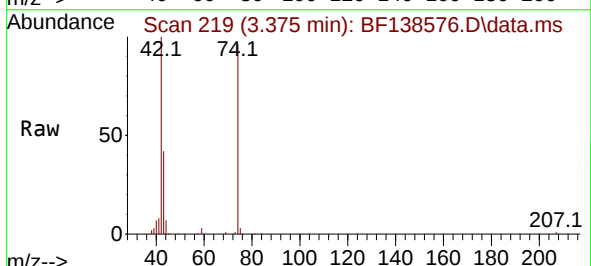
Delta R.T. 0.024 min

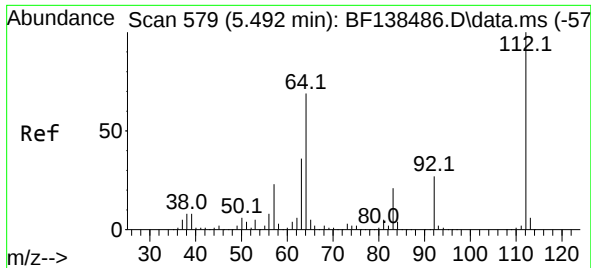
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion: 42 Resp: 93240

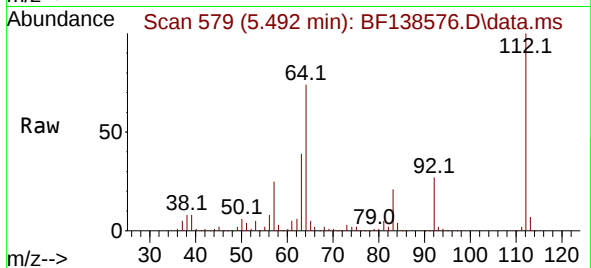
Ion	Ratio	Lower	Upper
42	100		
74	95.8	75.0	112.6
44	6.8	5.4	8.2





#5
2-Fluorophenol
Concen: 48.039 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

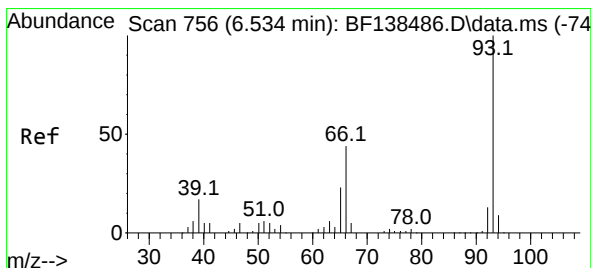
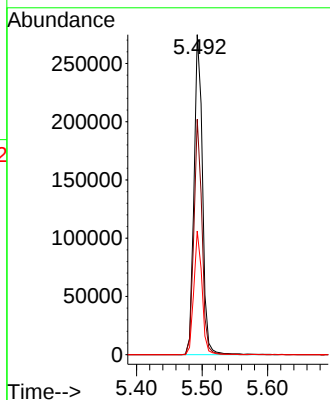
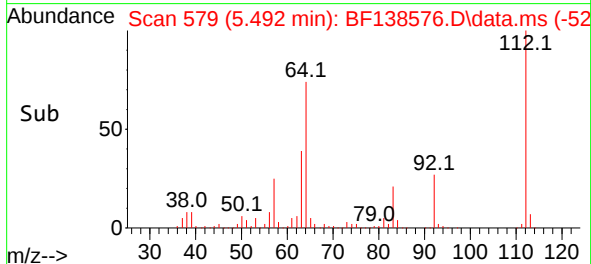
Instrument :
BNA_F
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PAT-DIS-01-07112024MSD



Tgt Ion:112 Resp: 247000
Ion Ratio Lower Upper
112 100
64 73.5 55.1 82.7
63 38.7 29.0 43.6

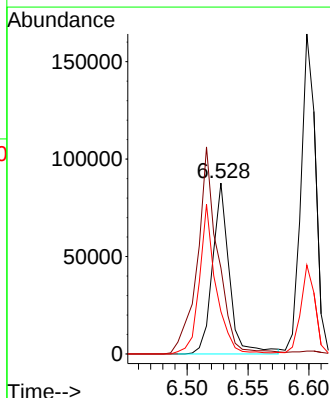
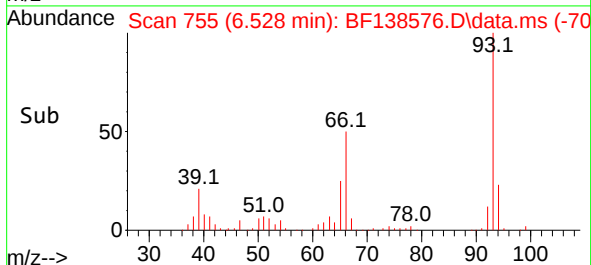
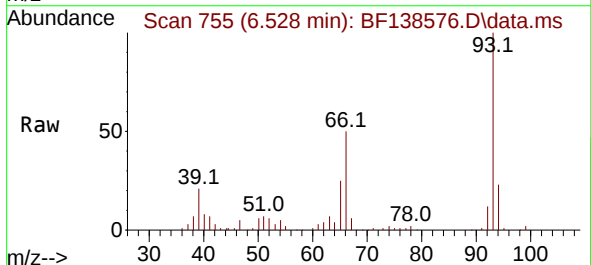
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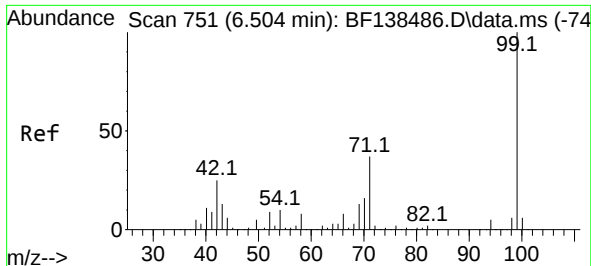
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#6
Aniline
Concen: 13.128 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 93 Resp: 84105
Ion Ratio Lower Upper
93 100
66 50.4 35.4 53.0
65 24.8 18.6 27.8





#7

Phenol-d6

Concen: 45.151 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF138576.D

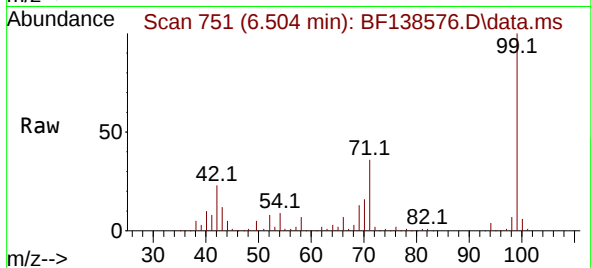
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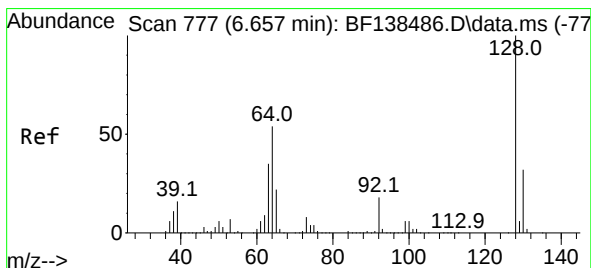
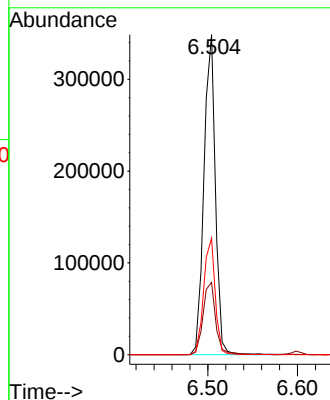
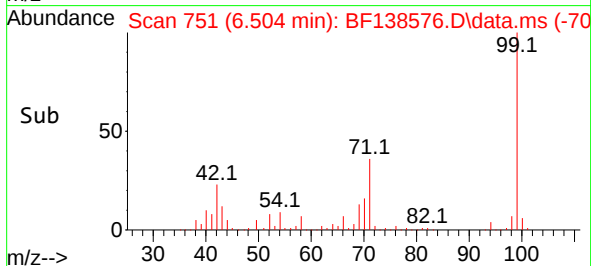
Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	22.6		19.7	29.5	
71	36.4		29.9	44.9	

Manual Integrations

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#8

2-Chlorophenol

Concen: 24.814 ng

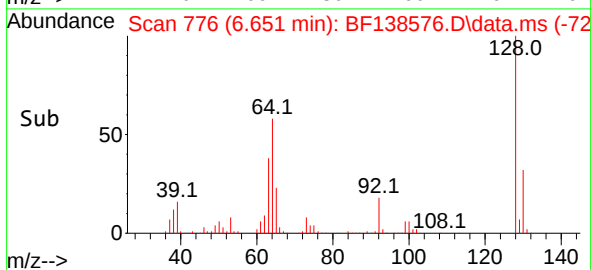
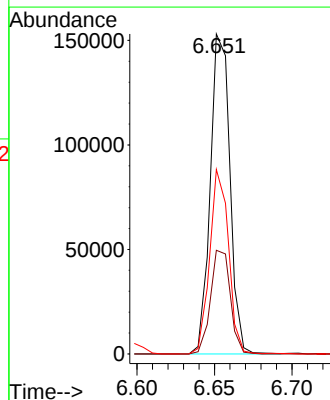
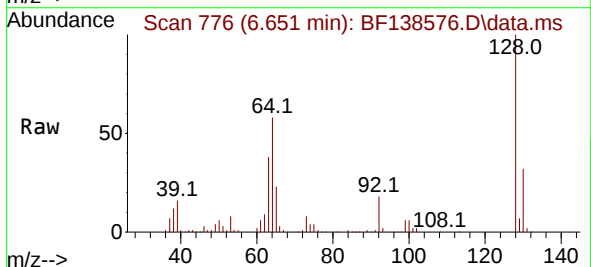
RT: 6.651 min Scan# 776

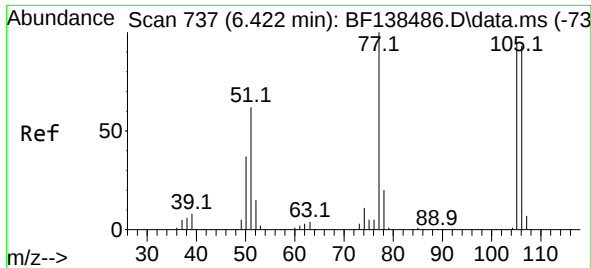
Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:	128	Ratio	100	Lower	Upper
128	100				
130	32.4		12.1	52.1	
64	57.7		34.4	74.4	





#9

Benzaldehyde

Concen: 4.208 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion: 77 Resp: 15408

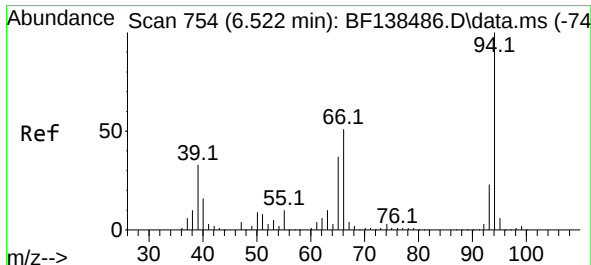
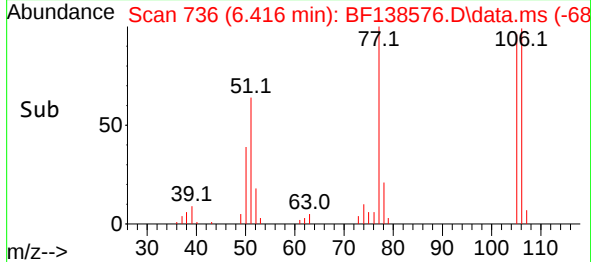
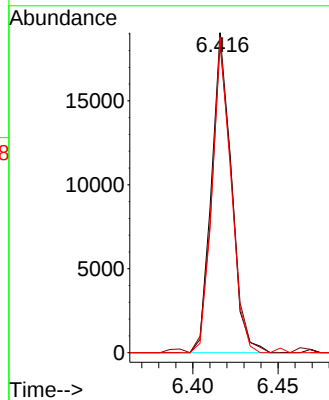
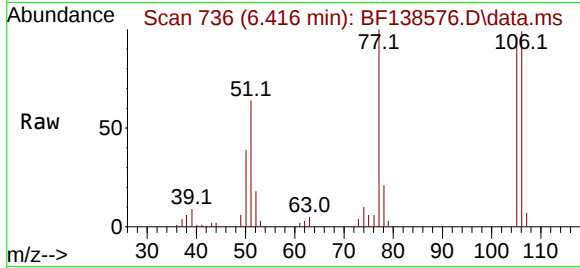
Ion	Ratio	Lower	Upper
77	100		
105	96.3	75.1	115.1
106	98.5	73.2	113.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#10

Phenol

Concen: 23.755 ng

RT: 6.516 min Scan# 753

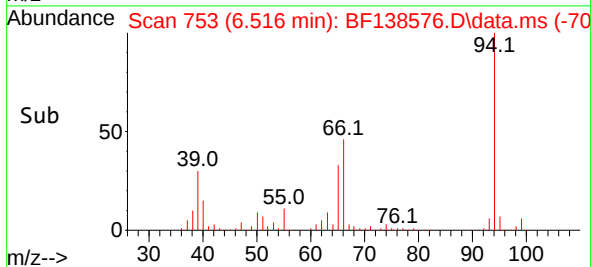
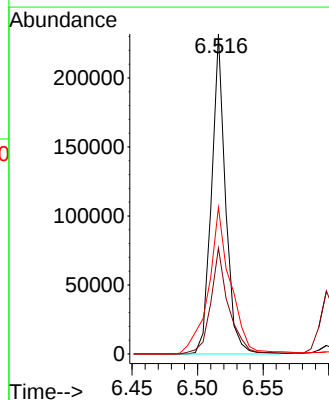
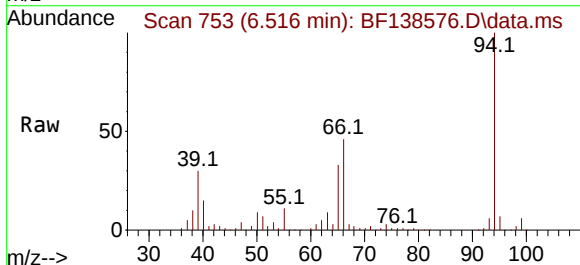
Delta R.T. -0.006 min

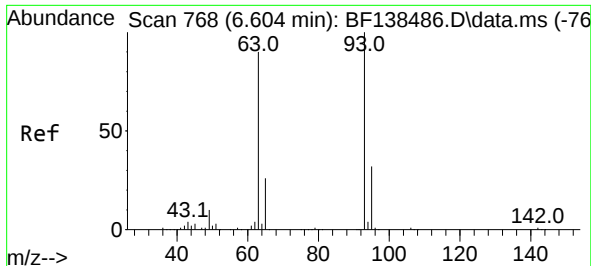
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion: 94 Resp: 172470

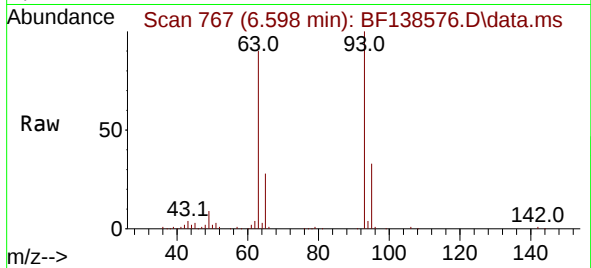
Ion	Ratio	Lower	Upper
94	100		
65	33.1	16.7	56.7
66	45.8	31.2	71.2





#11
bis(2-Chloroethyl)ether
Concen: 25.075 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

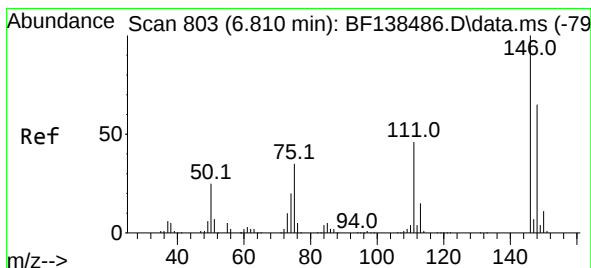
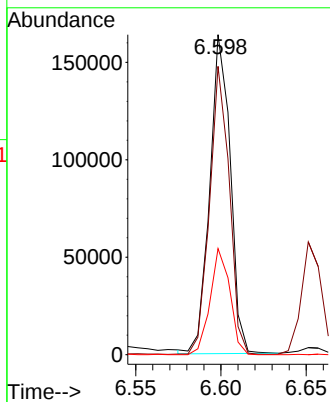
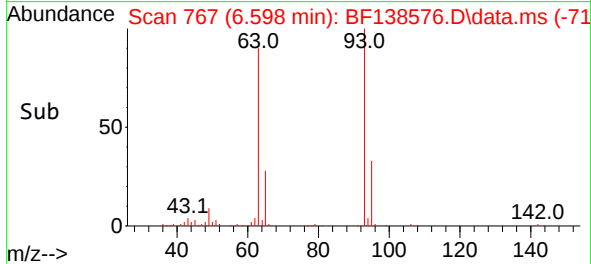
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion: 93 Resp: 137060
Ion Ratio Lower Upper
93 100
63 90.1 68.8 108.8
95 33.1 11.8 51.8

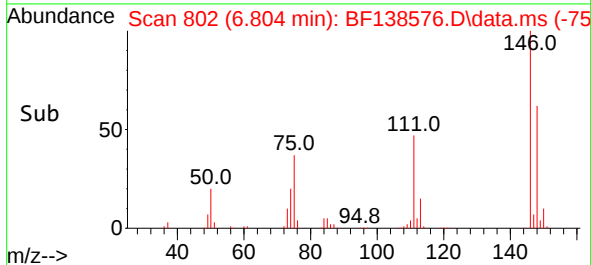
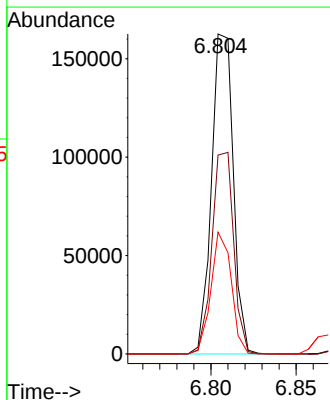
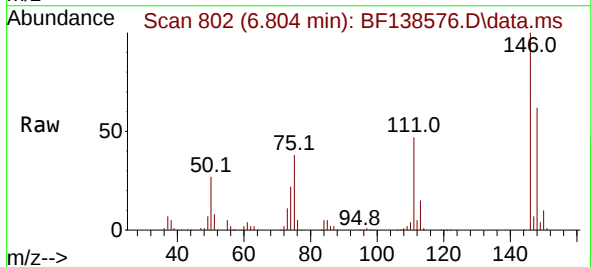
Manual Integrations
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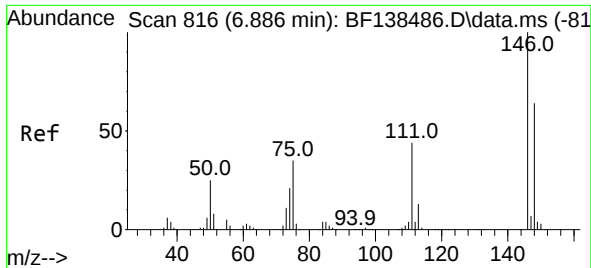
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#12
1,3-Dichlorobenzene
Concen: 23.733 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

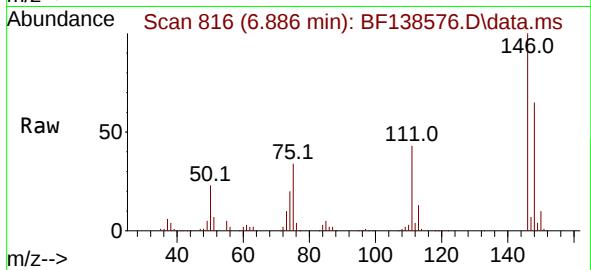
Tgt Ion:146 Resp: 145039
Ion Ratio Lower Upper
146 100
148 62.1 52.4 78.6
75 38.1 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 23.521 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

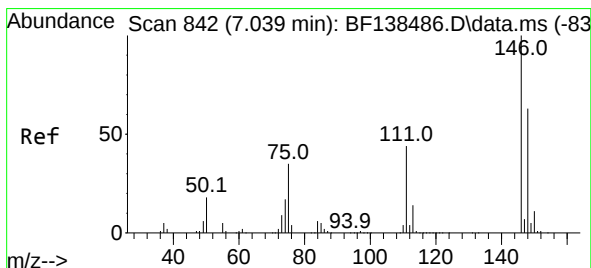
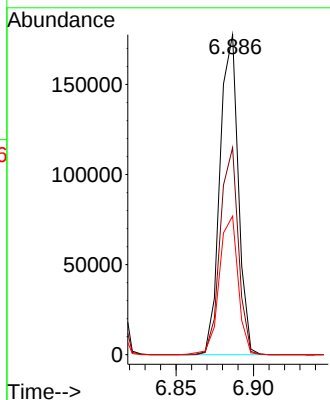
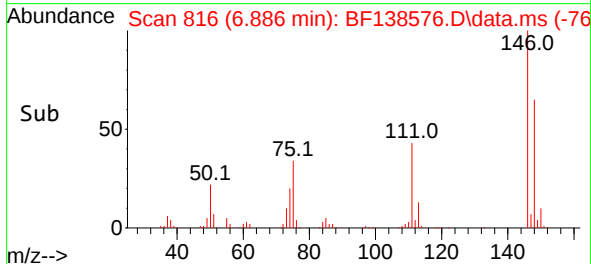
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



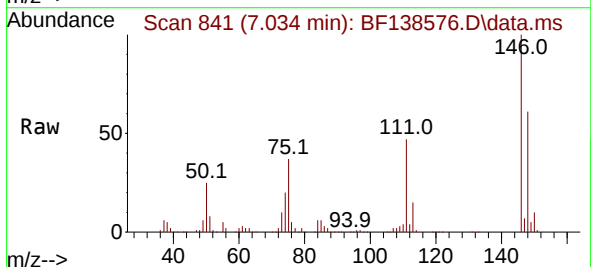
Tgt Ion:146 Resp: 14597
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
111 43.3 34.9 52.3

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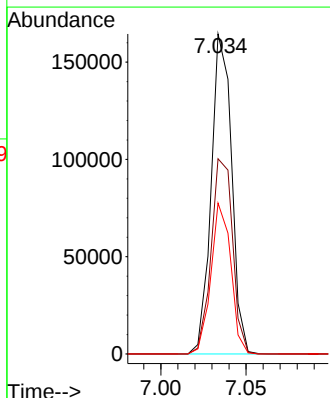
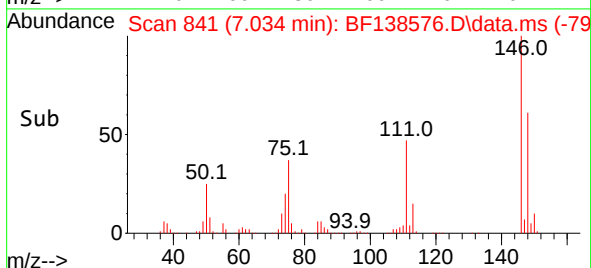
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

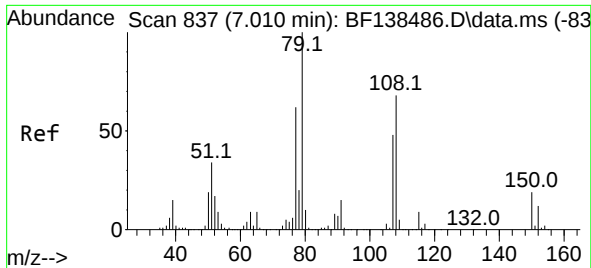


#14
1,2-Dichlorobenzene
Concen: 23.713 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



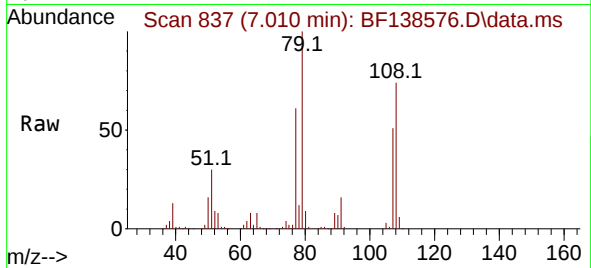
Tgt Ion:146 Resp: 137059
Ion Ratio Lower Upper
146 100
148 61.0 50.1 75.1
111 47.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 24.119 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

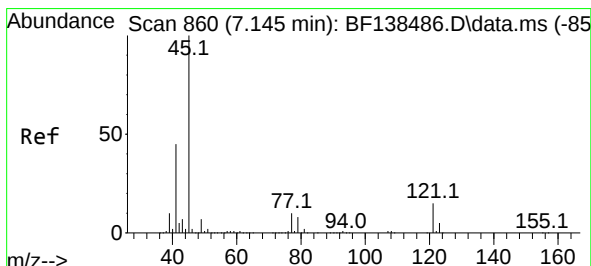
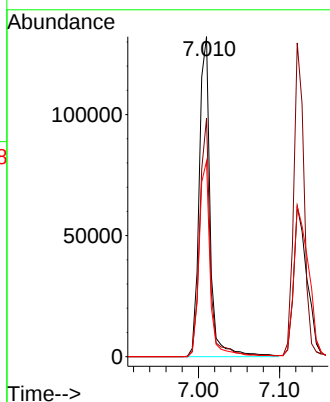
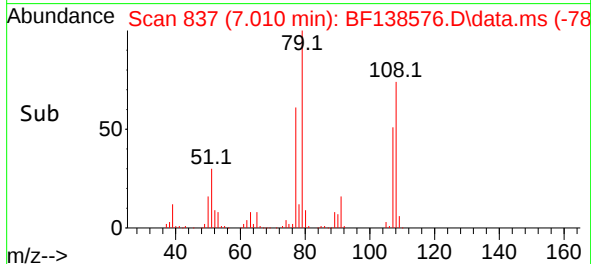
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion: 79 Resp: 123809
Ion Ratio Lower Upper
79 100
108 74.5 54.3 81.5
77 61.1 50.0 75.0

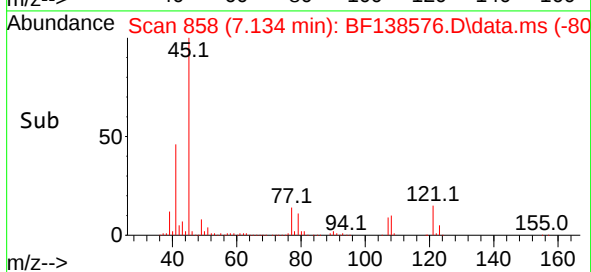
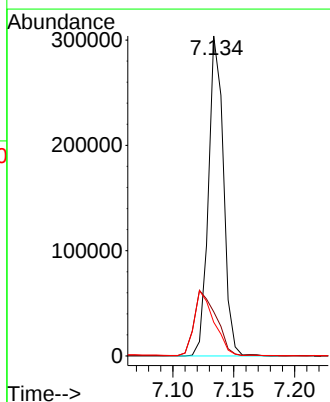
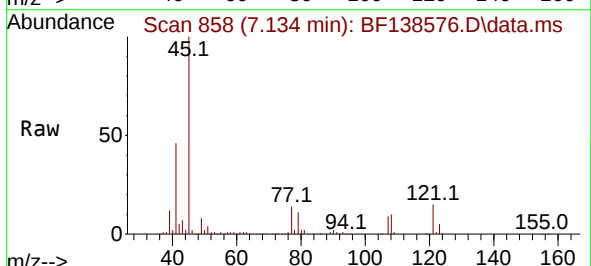
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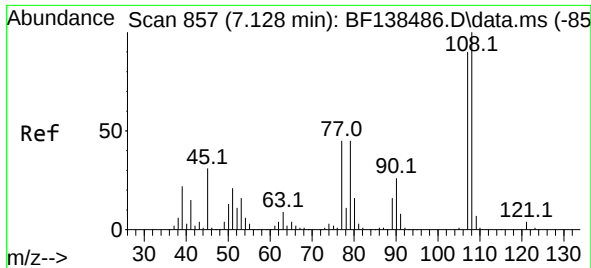
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.175 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

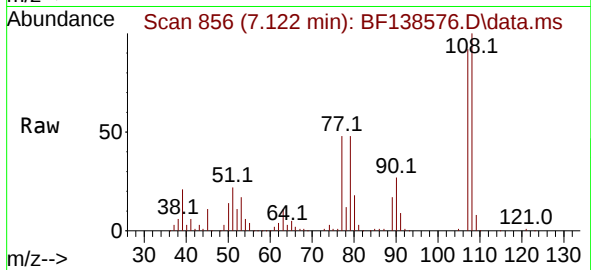
Tgt Ion: 45 Resp: 259879
Ion Ratio Lower Upper
45 100
77 13.8 0.0 30.4
79 10.6 0.0 28.1





#17
2-Methylphenol
Concen: 23.299 ng
RT: 7.122 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

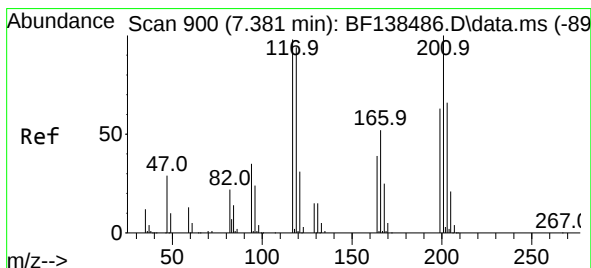
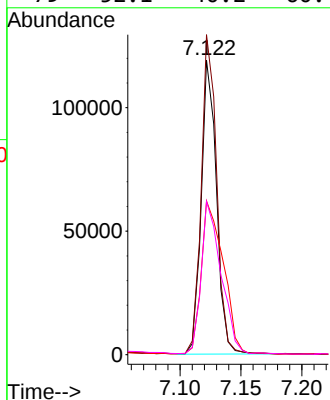
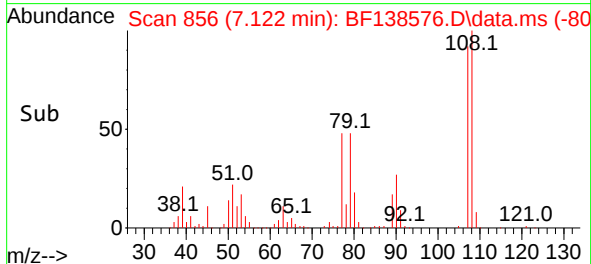
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:107 Resp: 103818
Ion Ratio Lower Upper
107 100
108 108.7 89.0 133.4
77 52.2 40.3 60.5
79 52.1 40.2 60.4

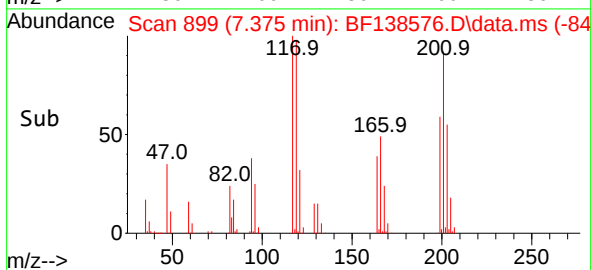
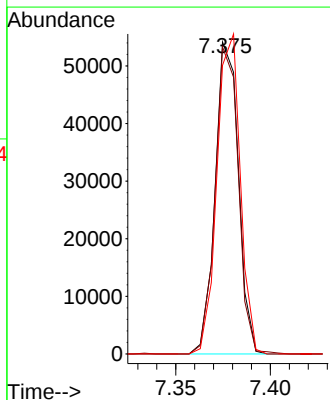
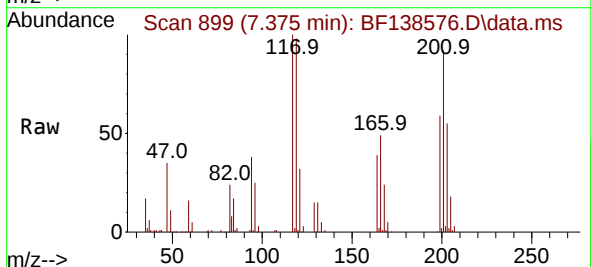
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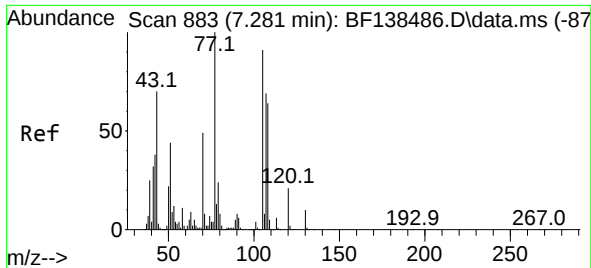
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#18
Hexachloroethane
Concen: 20.325 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

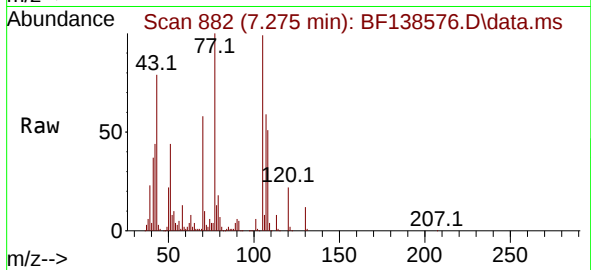
Tgt Ion:117 Resp: 46371
Ion Ratio Lower Upper
117 100
119 98.4 76.6 114.8
201 92.5 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 23.690 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

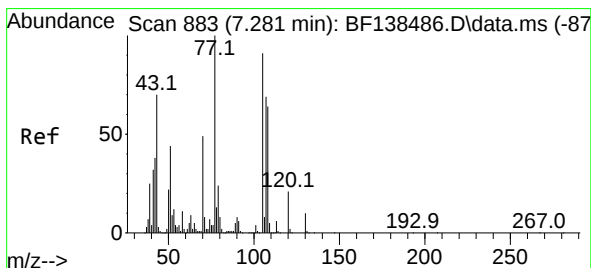
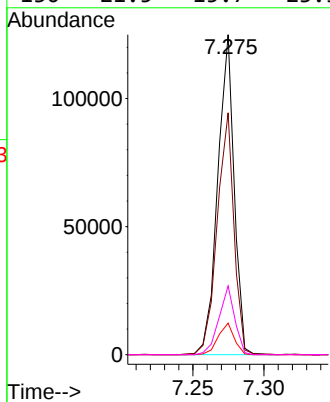
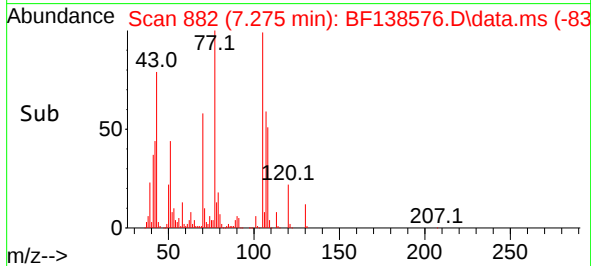
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



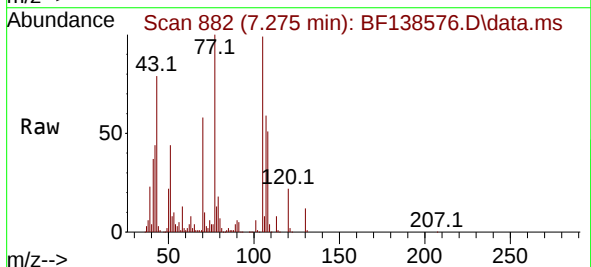
Tgt Ion: 70 Resp: 100125
Ion Ratio Lower Upper
70 100
42 75.6 62.4 93.6
101 9.8 7.2 10.8
130 21.5 15.7 23.5

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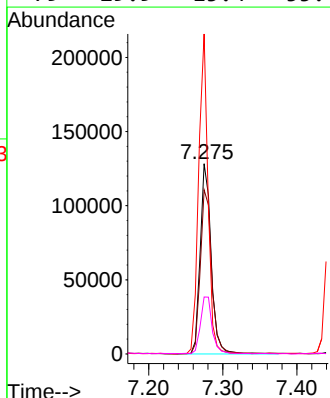
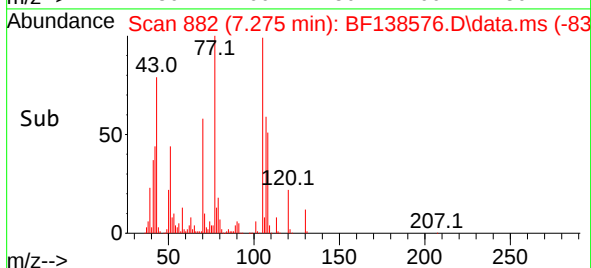
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

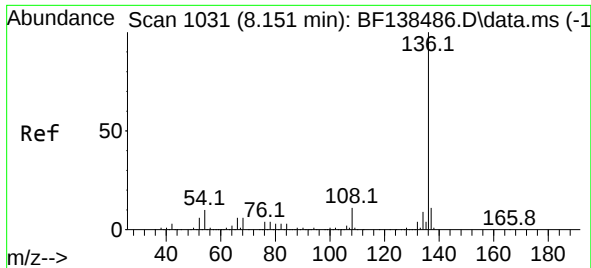


#20
3+4-Methylphenols
Concen: 23.560 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



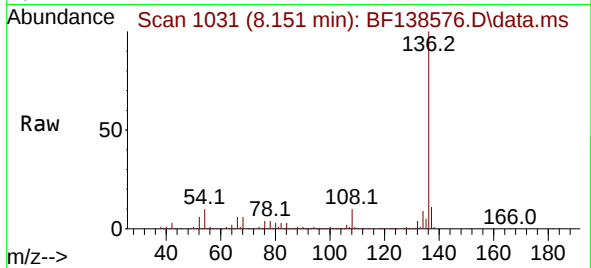
Tgt Ion:107 Resp: 132194
Ion Ratio Lower Upper
107 100
108 86.3 73.7 113.7
77 168.2 126.0 166.0#
79 29.9 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

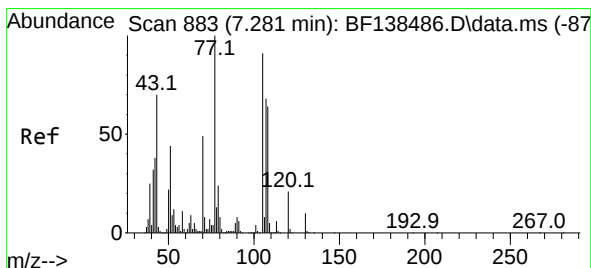
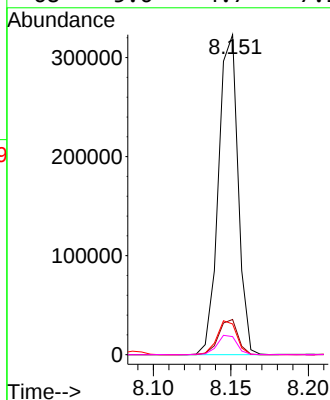
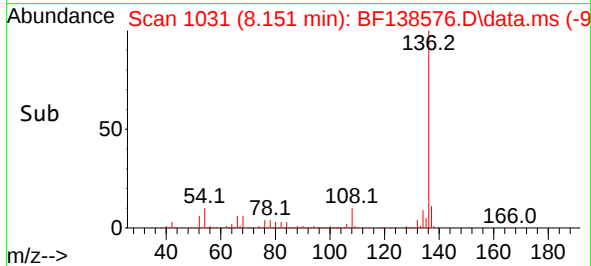
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:136 Resp: 28449
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.6 8.1 12.1
68 5.6 4.7 7.1

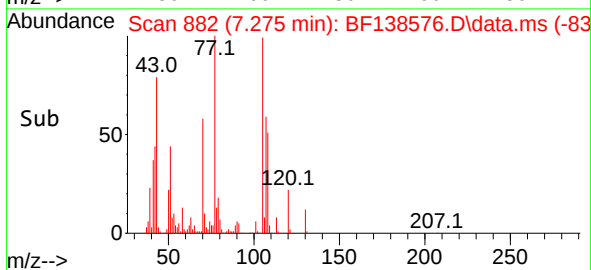
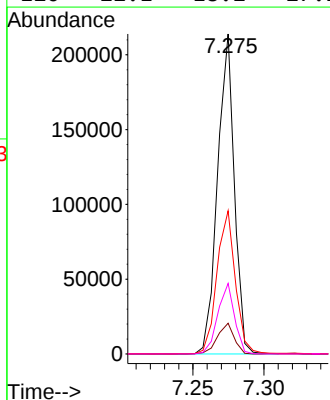
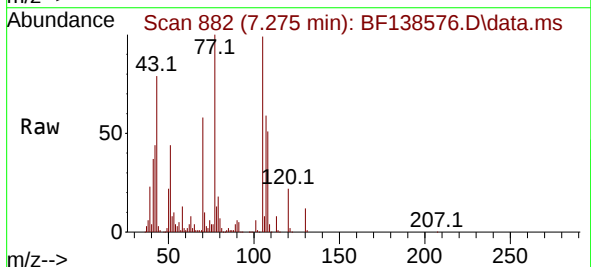
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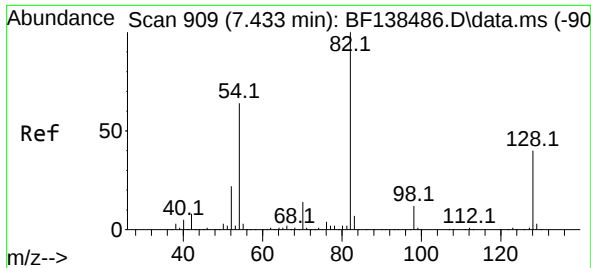
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Acetophenone
Concen: 25.376 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

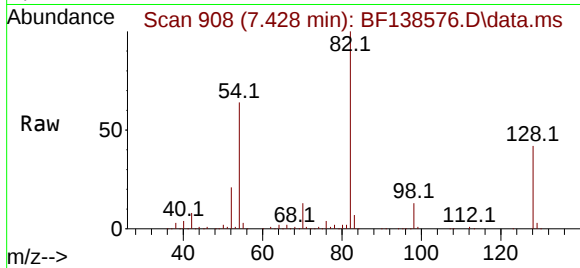
Tgt Ion:105 Resp: 175340
Ion Ratio Lower Upper
105 100
71 9.6 7.4 11.2
51 44.8 38.7 58.1
120 22.1 18.2 27.2





#23
Nitrobenzene-d5
Concen: 33.455 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

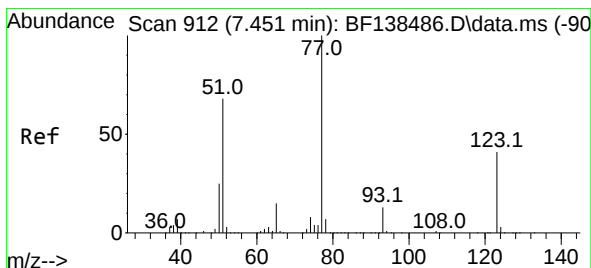
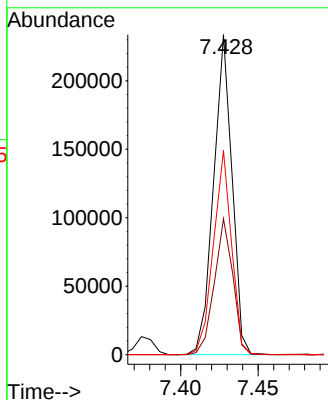
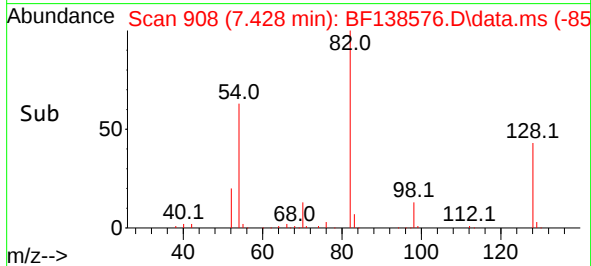
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion: 82 Resp: 19385
Ion Ratio Lower Upper
82 100
128 42.5 32.3 48.5
54 63.8 51.4 77.0

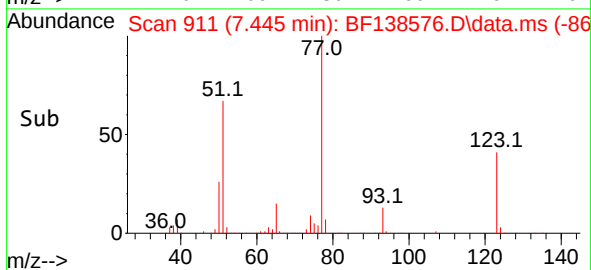
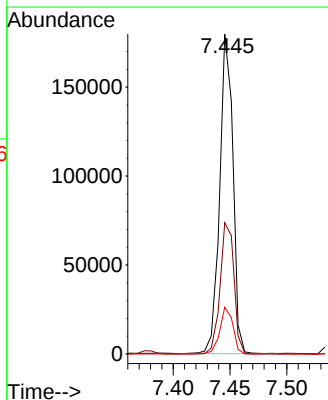
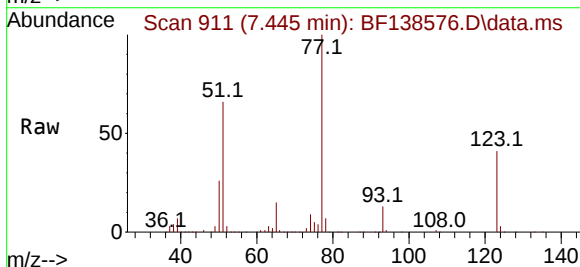
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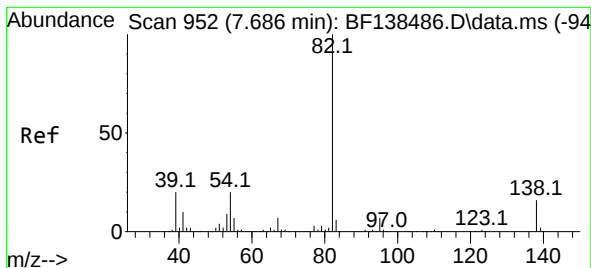
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Nitrobenzene
Concen: 24.799 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 77 Resp: 146030
Ion Ratio Lower Upper
77 100
123 41.0 32.4 48.6
65 14.6 11.8 17.8





#25

Isophorone

Concen: 25.901 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

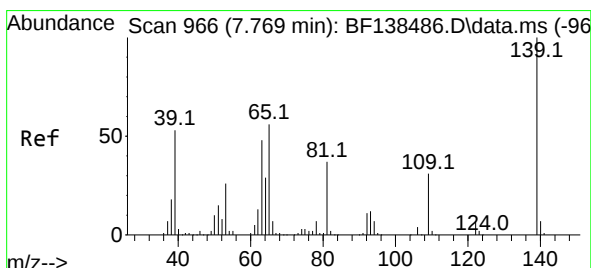
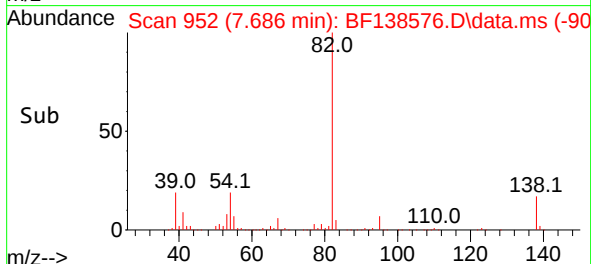
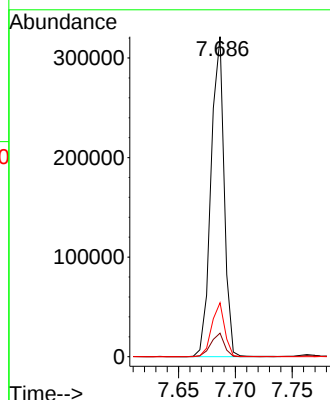
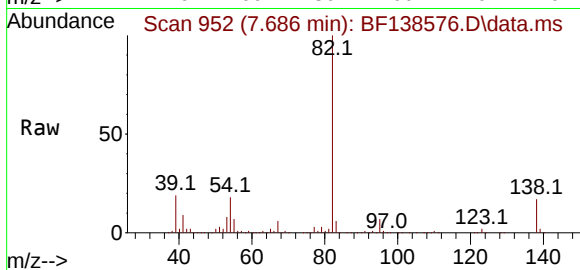
PAT-DIS-01-07112024MSD

Tgt Ion: 82 Resp: 25774

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	16.8	12.8	19.2

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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#26

2-Nitrophenol

Concen: 23.745 ng

RT: 7.763 min Scan# 965

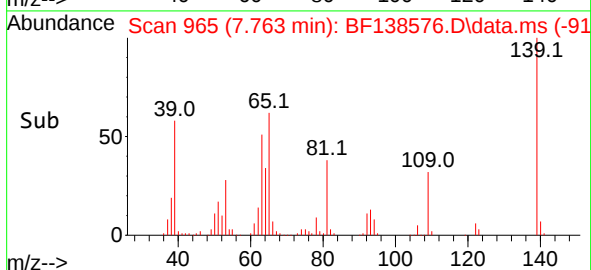
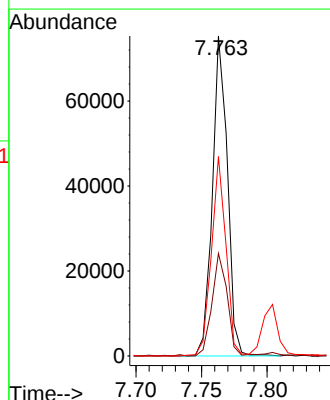
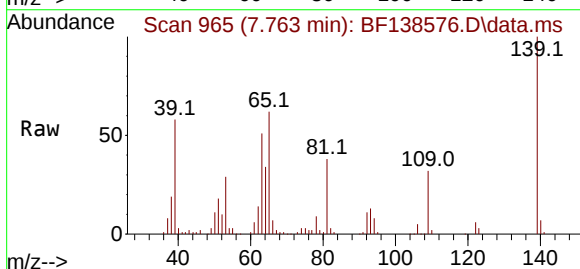
Delta R.T. -0.006 min

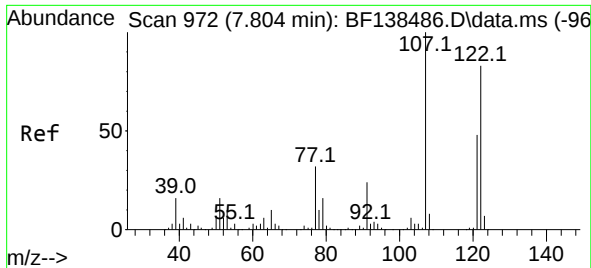
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:139 Resp: 59929

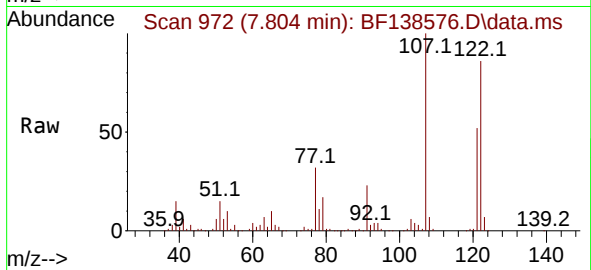
Ion	Ratio	Lower	Upper
139	100		
109	32.1	24.8	37.2
65	62.3	45.1	67.7





#27
2,4-Dimethylphenol
Concen: 27.054 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

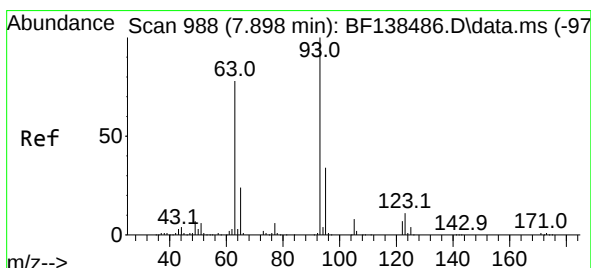
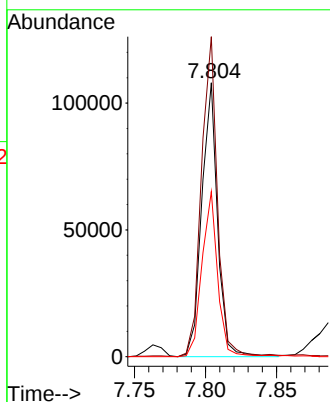
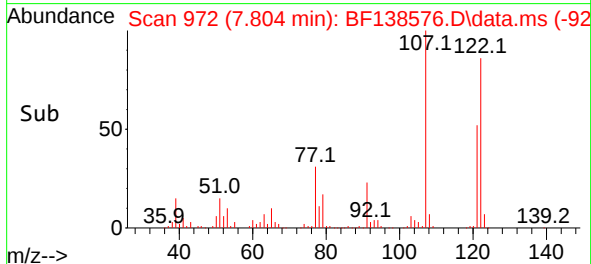
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:122 Resp: 83918
Ion Ratio Lower Upper
122 100
107 116.8 96.3 144.5
121 60.2 46.7 70.1

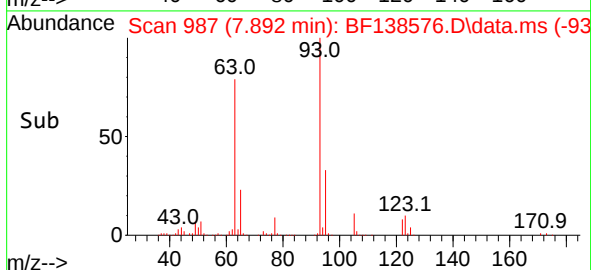
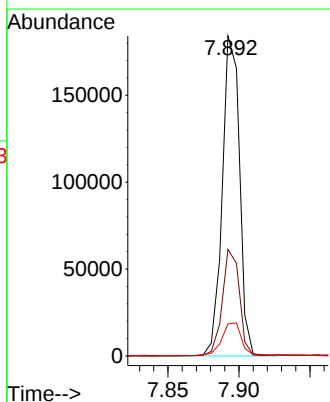
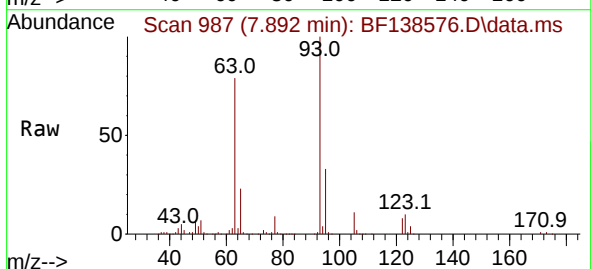
Manual Integrations
APPROVED

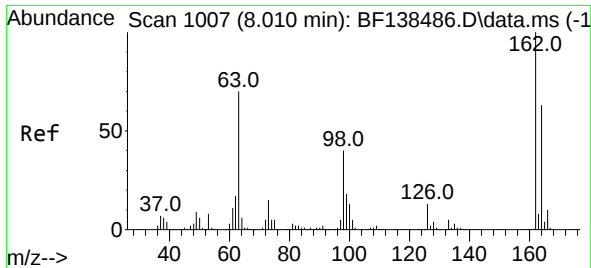
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 26.086 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion: 93 Resp: 155135
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.6
123 10.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 23.331 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138576.D

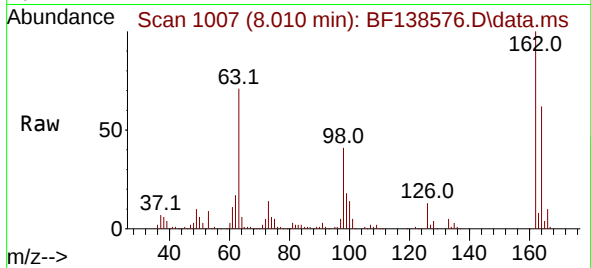
Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD



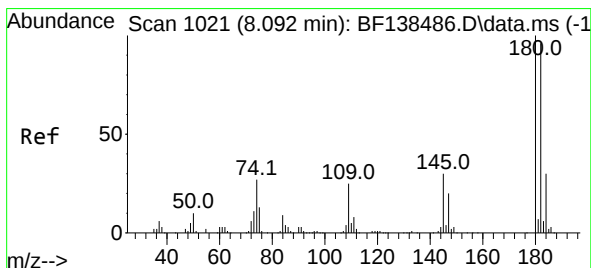
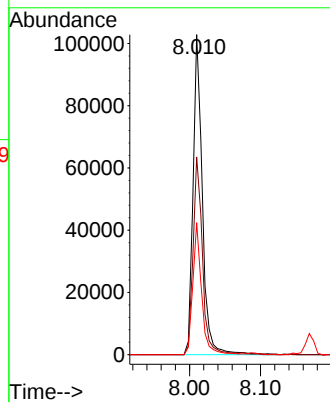
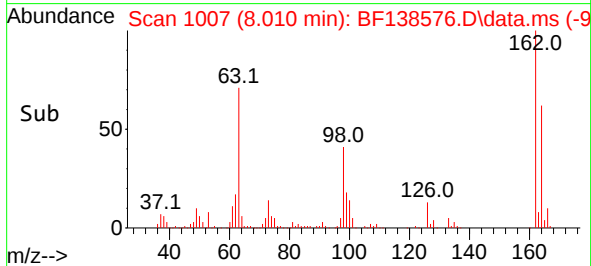
Tgt Ion:	162	Resp:	93978
Ion Ratio	Lower	Upper	
162	100		
164	61.8	42.6	82.6
98	41.2	20.1	60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#30

1,2,4-Trichlorobenzene

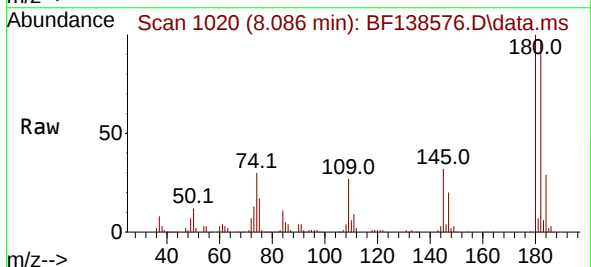
Concen: 23.431 ng

RT: 8.086 min Scan# 1020

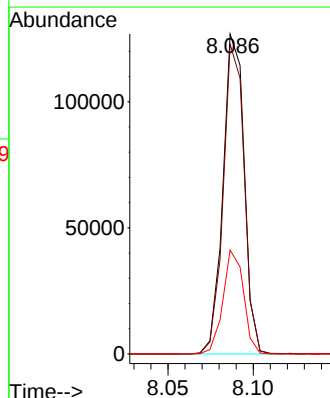
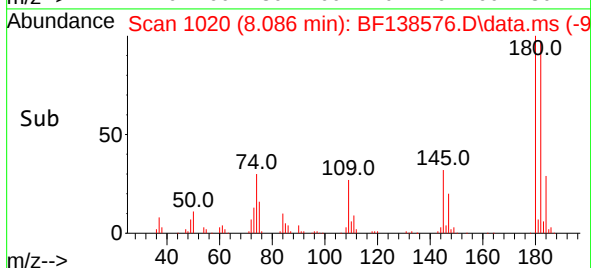
Delta R.T. -0.006 min

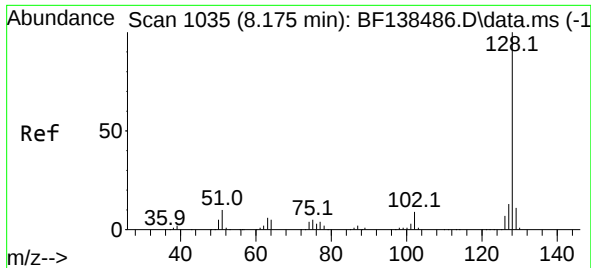
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15



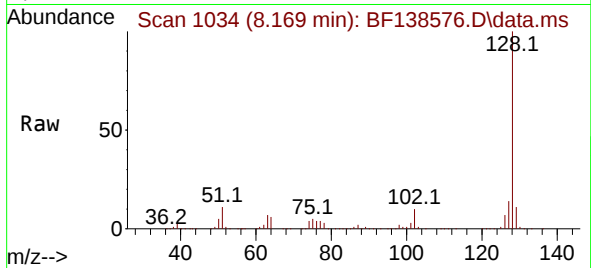
Tgt Ion:	180	Resp:	109950
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.9	115.3
145	32.5	23.9	35.9





#31
Naphthalene
Concen: 23.944 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

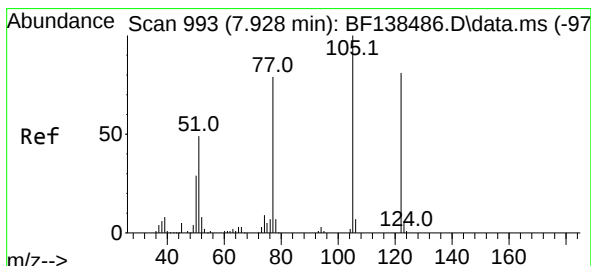
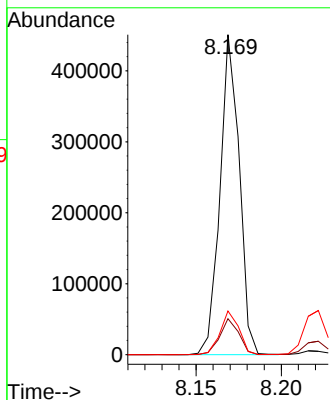
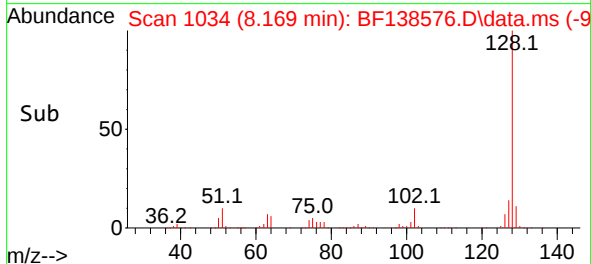
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:128 Resp: 354274
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.7 10.7 16.1

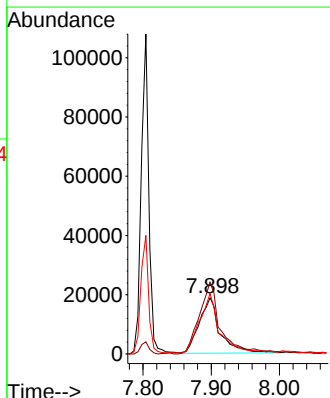
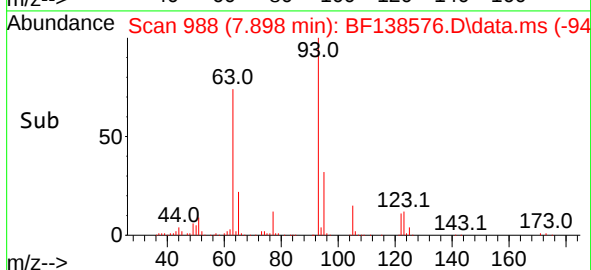
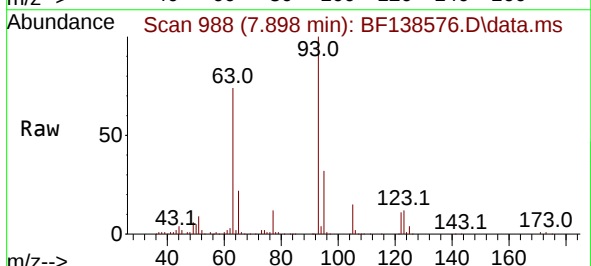
Manual Integrations
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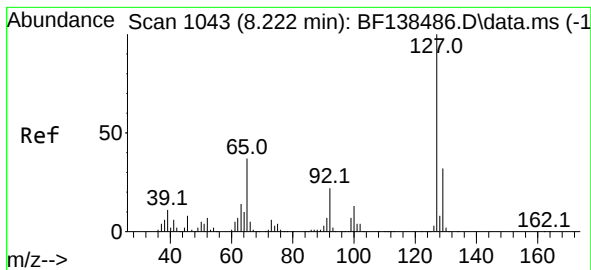
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#32
Benzoic acid
Concen: 13.440 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.029 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:122 Resp: 39762
Ion Ratio Lower Upper
122 100
105 127.8 101.5 141.5
77 107.8 77.3 117.3





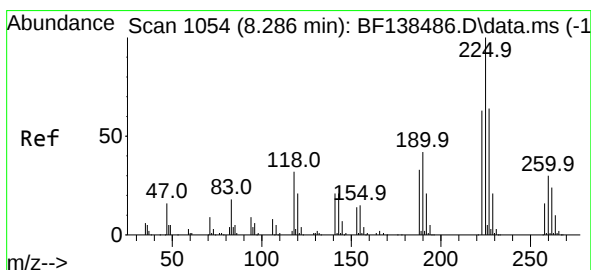
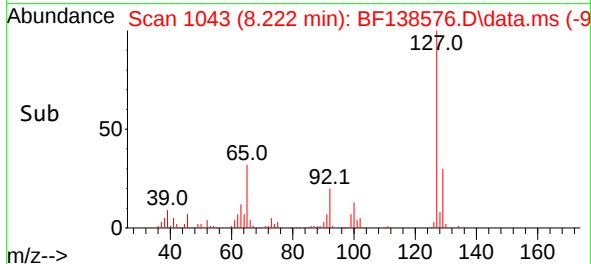
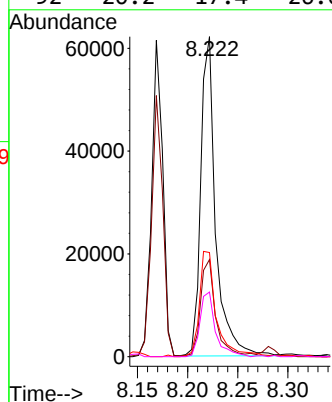
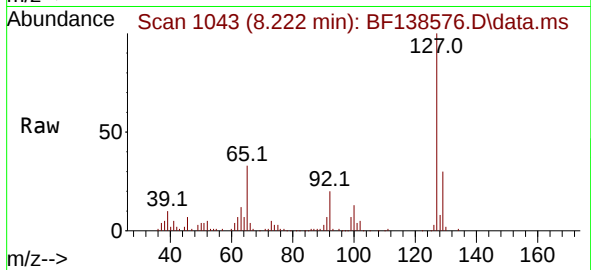
#33
4-Chloroaniline
Concen: 12.427 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

Tgt Ion:	127	Resp:	64510
Ion Ratio	Lower	Upper	
127	100		
129	30.4	25.6	38.4
65	32.5	29.6	44.4
92	20.2	17.4	26.0

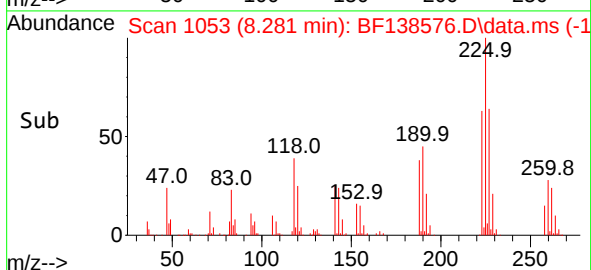
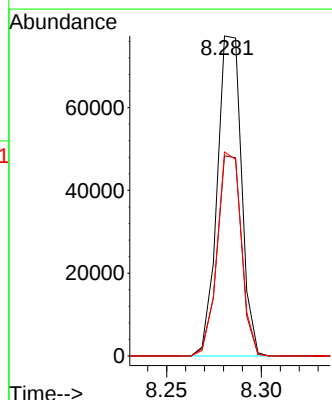
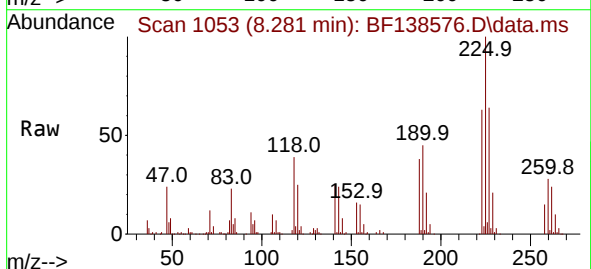
Manual Integrations
APPROVED

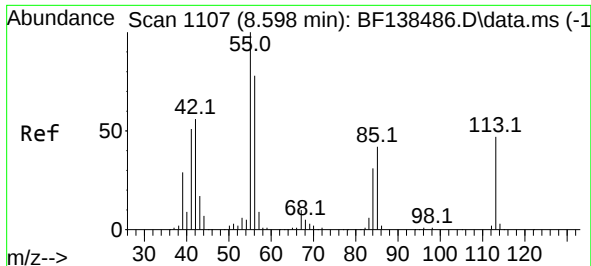
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#34
Hexachlorobutadiene
Concen: 23.813 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

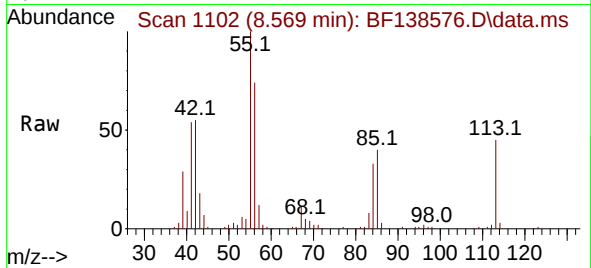
Tgt Ion:	225	Resp:	68811
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.0	75.0
227	63.7	51.0	76.6





#35
 Caprolactam
 Concen: 19.415 ng
 RT: 8.569 min Scan# 1107
 Delta R.T. -0.029 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

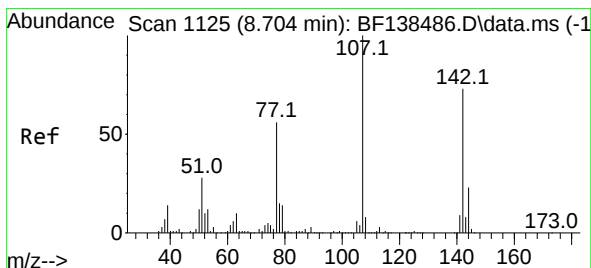
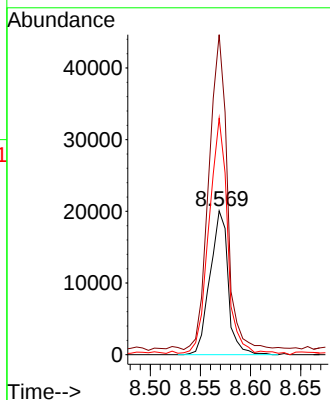
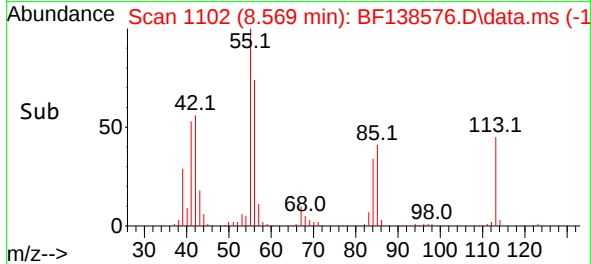
Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MSD



Tgt Ion:113 Resp: 25230
 Ion Ratio Lower Upper
 113 100
 55 222.4 192.5 232.5
 56 164.4 145.3 185.3

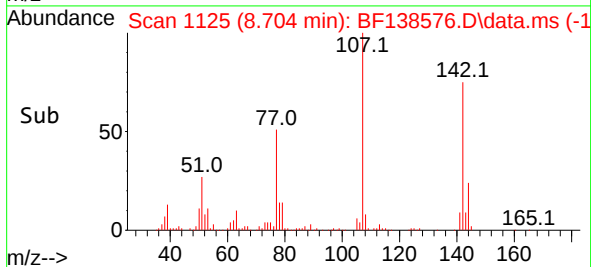
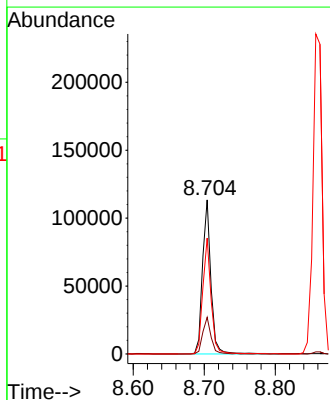
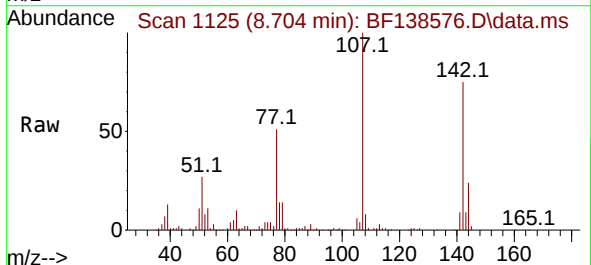
Manual Integrations
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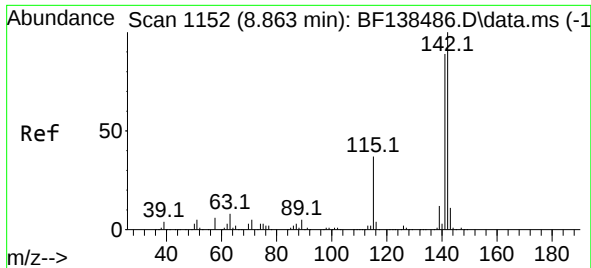
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024



#36
 4-Chloro-3-methylphenol
 Concen: 20.780 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

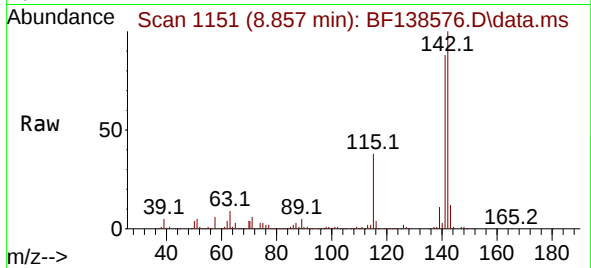
Tgt Ion:107 Resp: 93711
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.6 27.8
 142 75.1 58.6 88.0





#37
2-Methylnaphthalene
Concen: 21.965 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

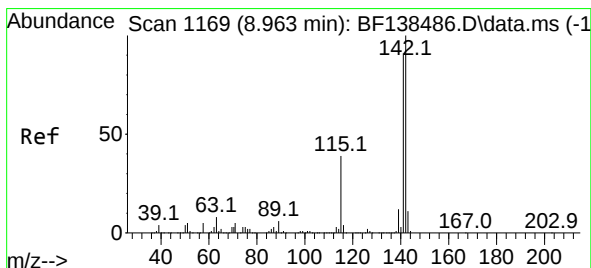
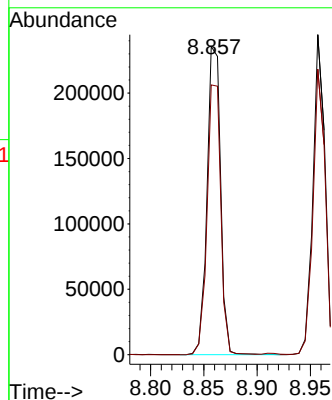
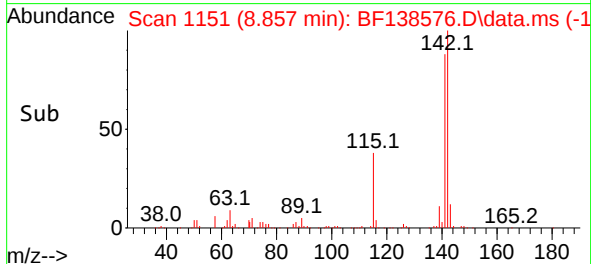
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:142 Resp: 209149
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.0

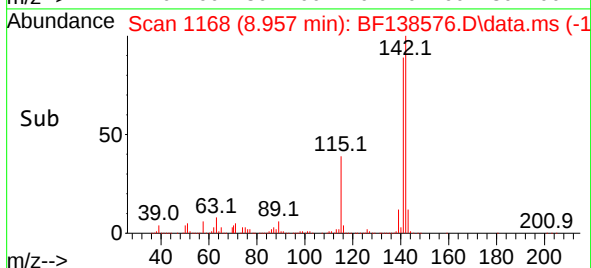
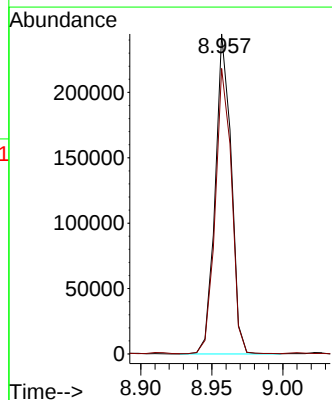
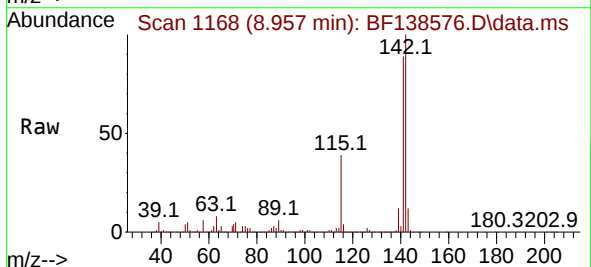
Manual Integrations
APPROVED

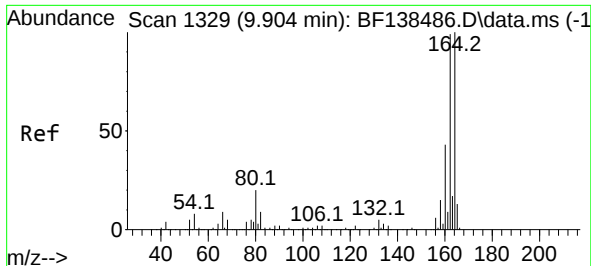
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#38
1-Methylnaphthalene
Concen: 20.676 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

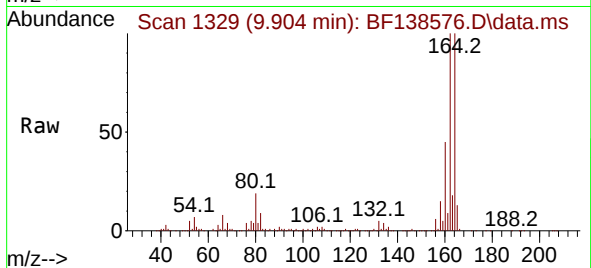
Tgt Ion:142 Resp: 192141
Ion Ratio Lower Upper
142 100
141 89.2 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

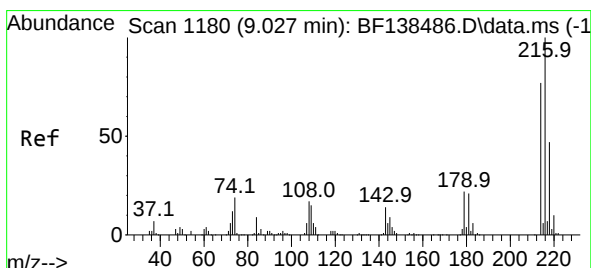
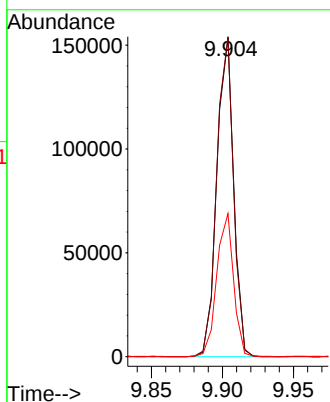
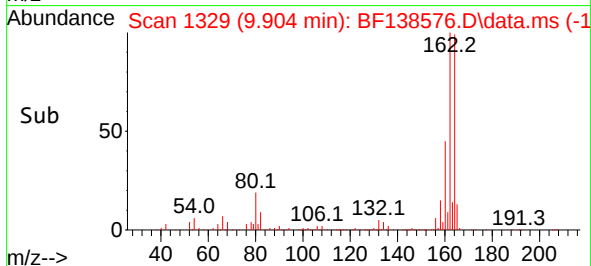
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:164 Resp: 12626
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.9 34.4 51.6

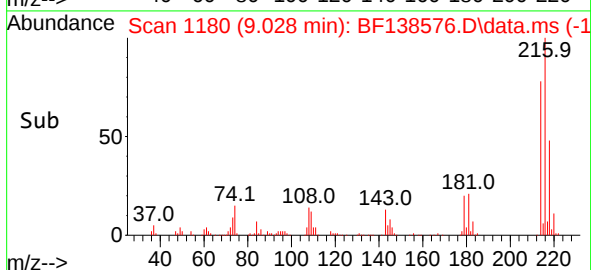
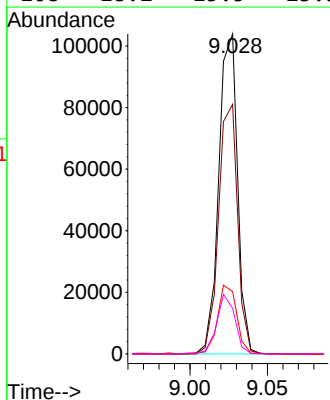
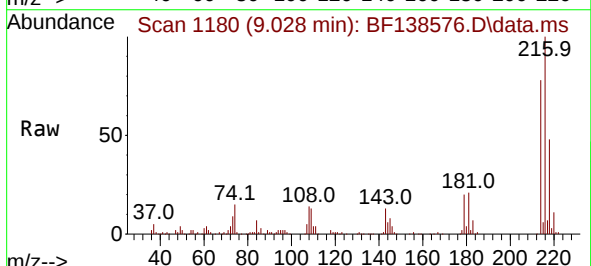
Manual Integrations
APPROVED

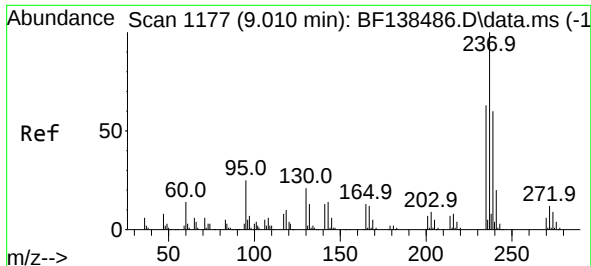
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 24.873 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

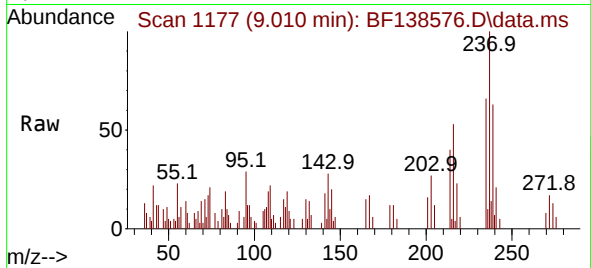
Tgt Ion:216 Resp: 87527
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 22.0 17.7 26.5
108 18.2 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 3.646 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

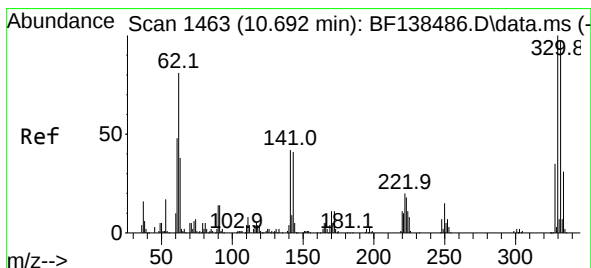
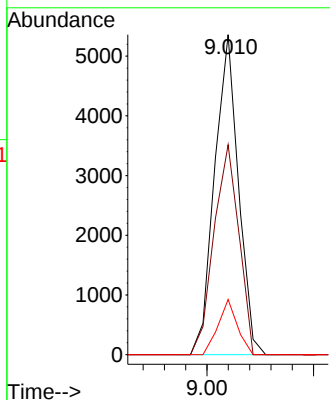
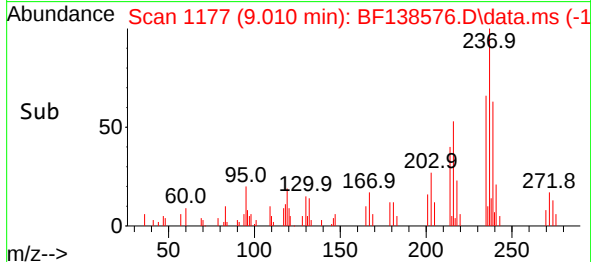
Instrument : BNA_F
ClientSampleId : PAT-DIS-01-07112024MSD



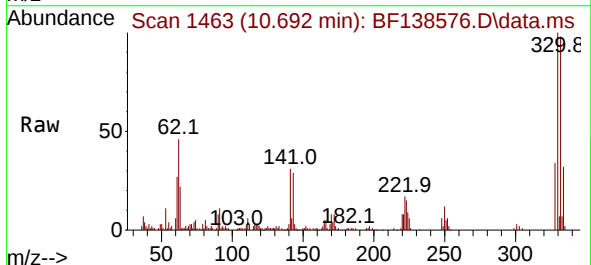
Tgt Ion:237 Resp: 4164
Ion Ratio Lower Upper
237 100
235 65.6 43.3 83.3
272 17.3 0.0 32.3

Manual Integrations
APPROVED

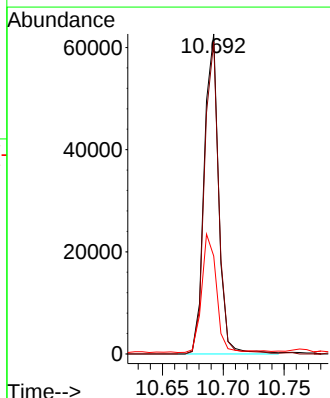
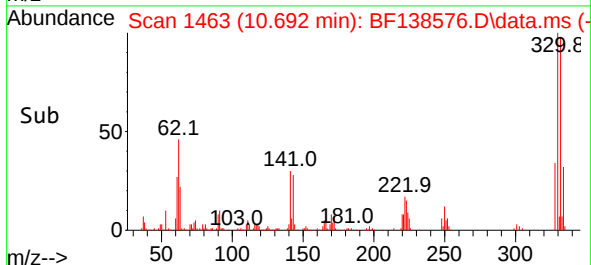
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

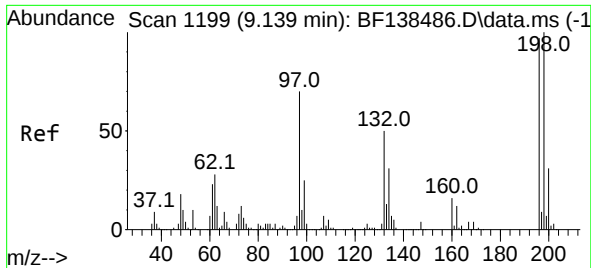


#42
2,4,6-Tribromophenol
Concen: 43.810 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



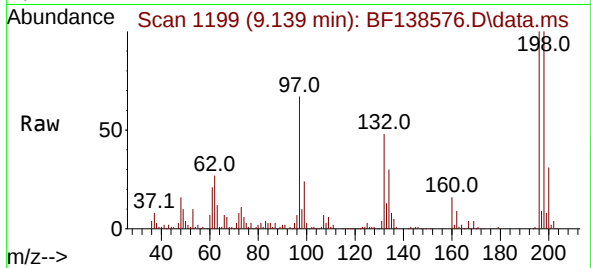
Tgt Ion:330 Resp: 51698
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 38.3 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 24.718 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

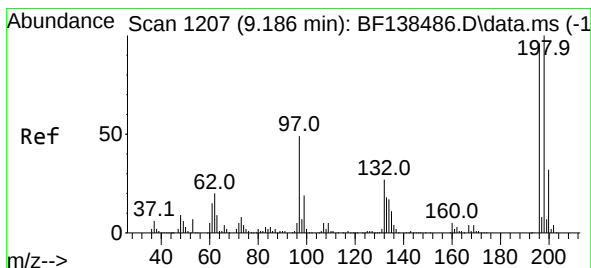
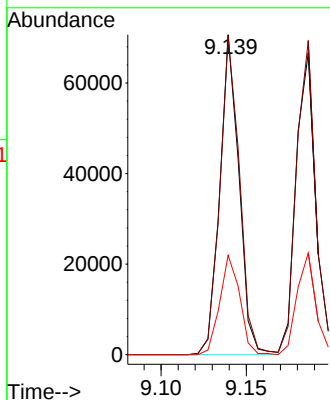
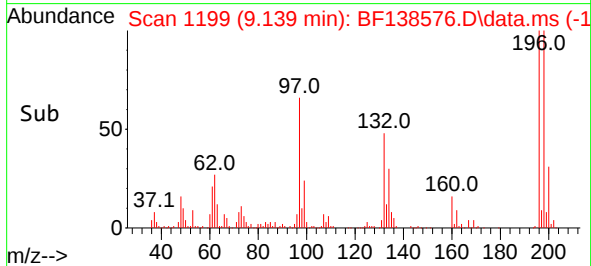
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



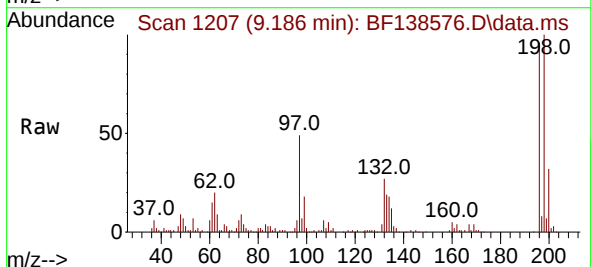
Tgt Ion:196 Resp: 5548
Ion Ratio Lower Upper
196 100
198 99.6 82.3 123.5
200 31.0 25.8 38.6

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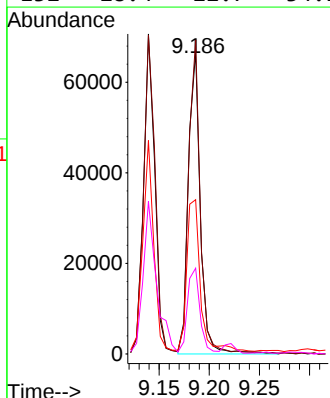
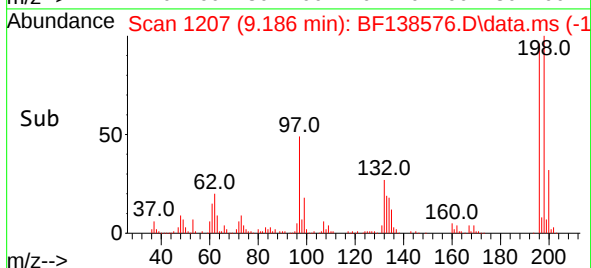
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

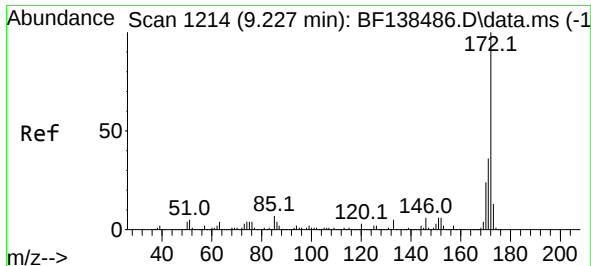


#44
2,4,5-Trichlorophenol
Concen: 22.532 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



Tgt Ion:196 Resp: 55629
Ion Ratio Lower Upper
196 100
198 103.9 82.8 124.2
97 51.0 41.0 61.4
132 28.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 37.668 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

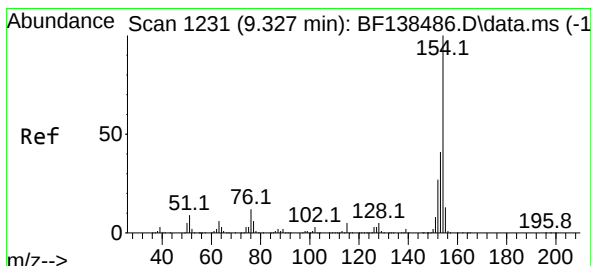
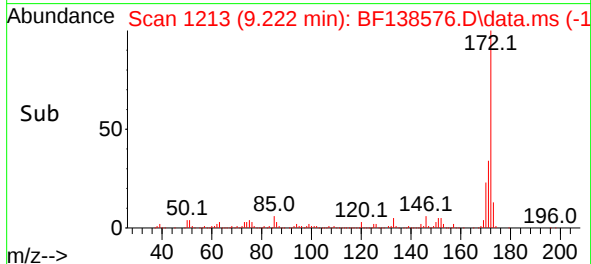
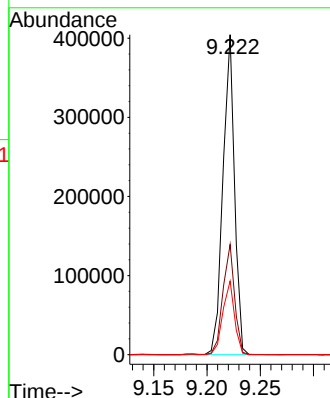
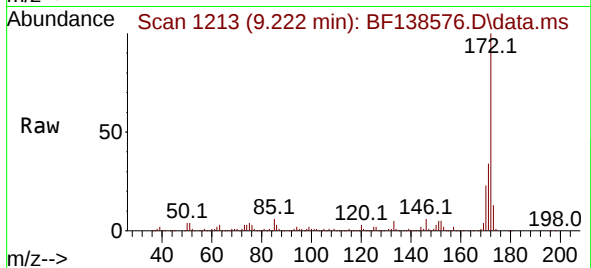
ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion:172 Resp: 304309
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 23.0 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024



#46

1,1'-Biphenyl

Concen: 24.570 ng

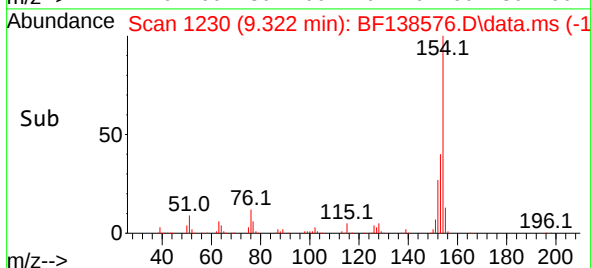
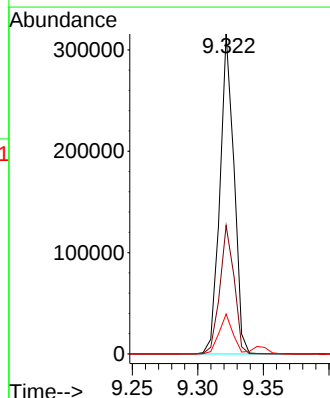
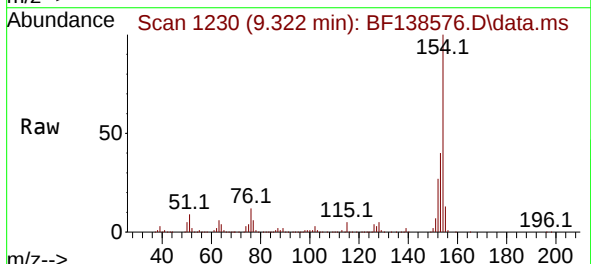
RT: 9.322 min Scan# 1230

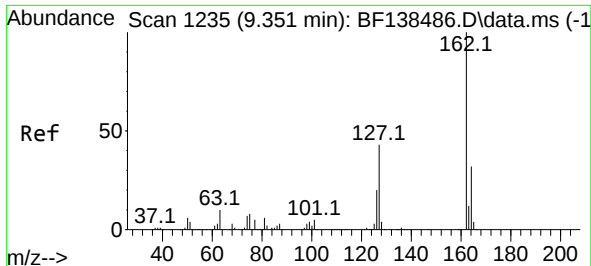
Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:154 Resp: 235101
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.7 60.7
 76 12.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 25.138 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

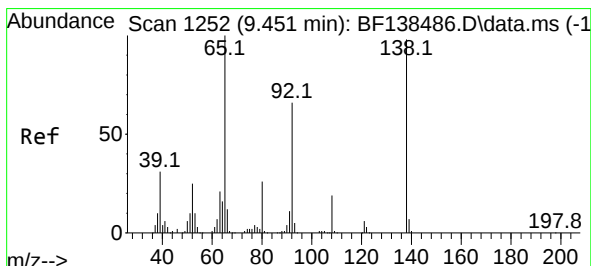
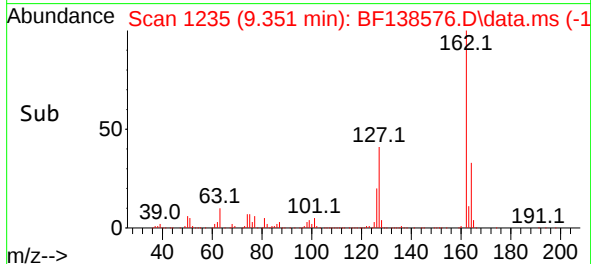
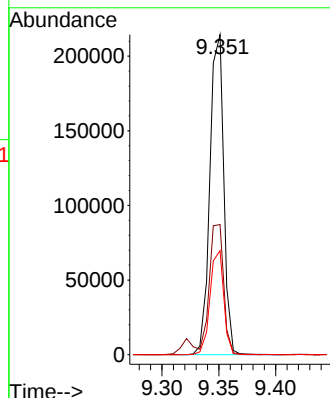
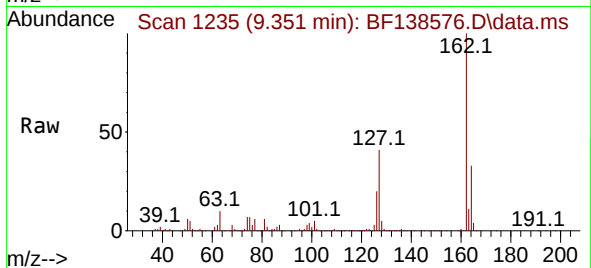
Tgt Ion:	162	Resp:	18171
Ion Ratio	Lower	Upper	
162	100		
127	40.7	34.8	52.2
164	32.5	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#48

2-Nitroaniline

Concen: 27.076 ng

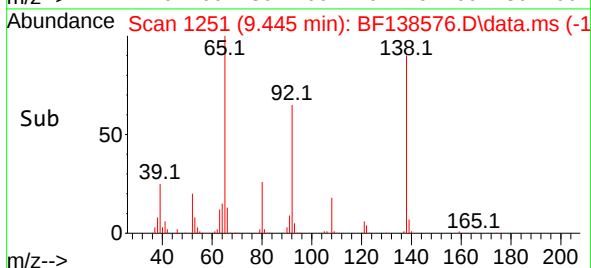
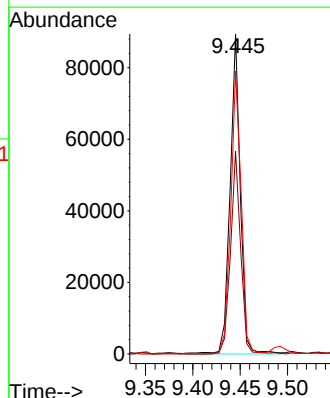
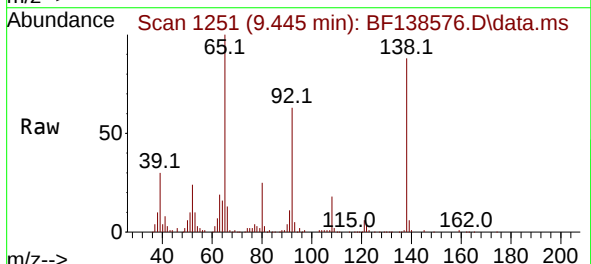
RT: 9.445 min Scan# 1251

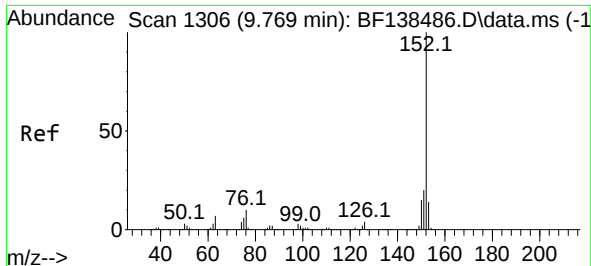
Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

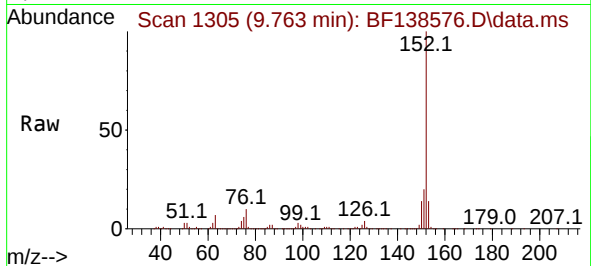
Tgt Ion:	65	Resp:	67824
Ion Ratio	Lower	Upper	
65	100		
92	63.4	52.6	78.8
138	88.4	78.6	118.0





#49
Acenaphthylene
Concen: 26.349 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

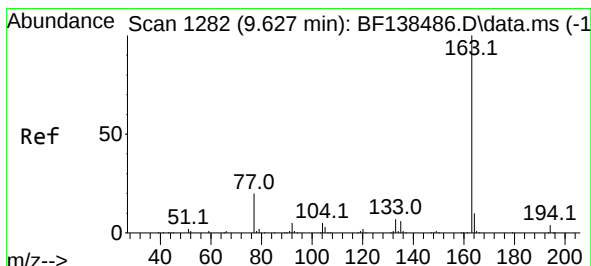
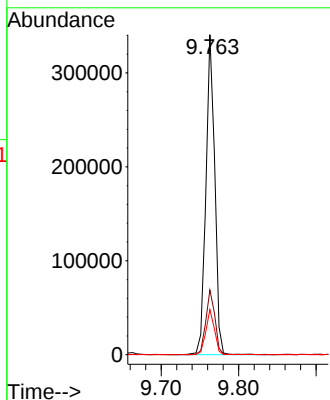
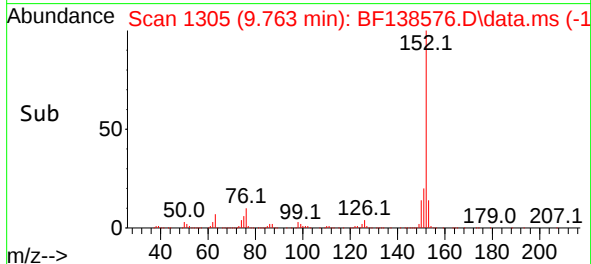
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



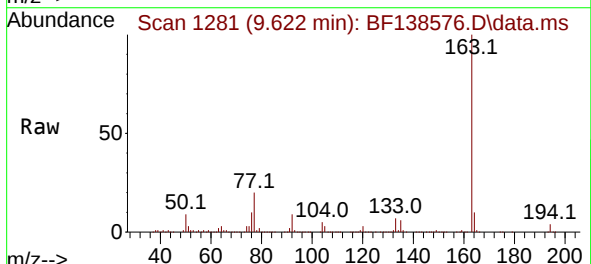
Tgt Ion:152 Resp: 270420
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.1 11.3 16.9

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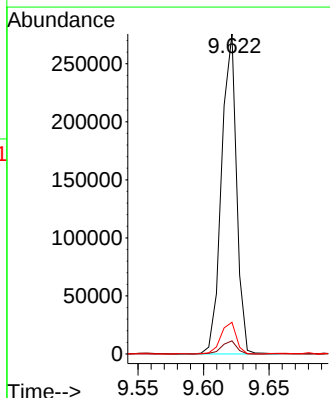
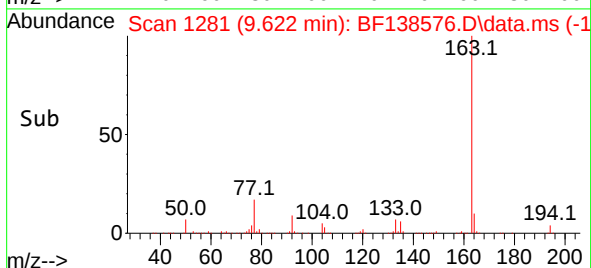
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

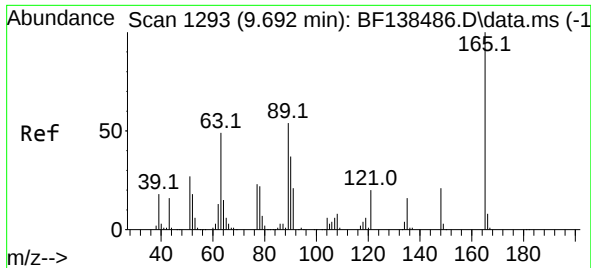


#50
Dimethylphthalate
Concen: 26.879 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



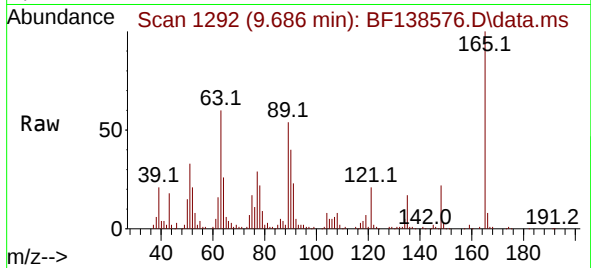
Tgt Ion:163 Resp: 219450
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 22.880 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

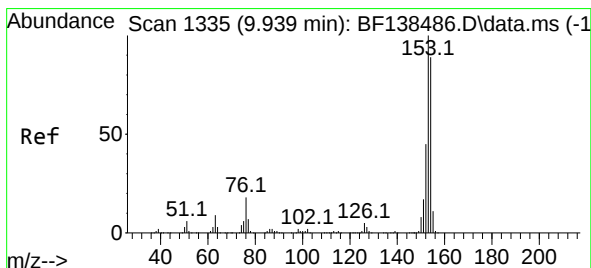
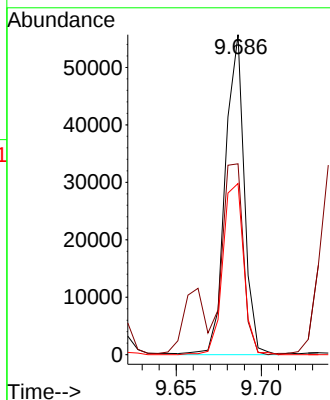
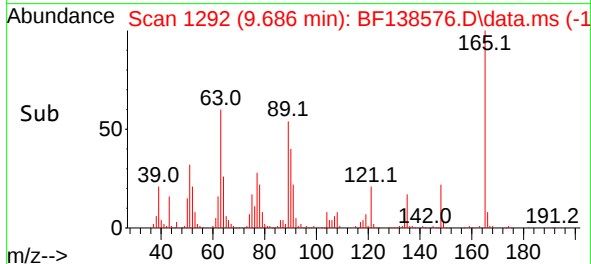
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:165 Resp: 43010
Ion Ratio Lower Upper
165 100
63 59.6 48.1 72.1
89 53.5 43.0 64.6

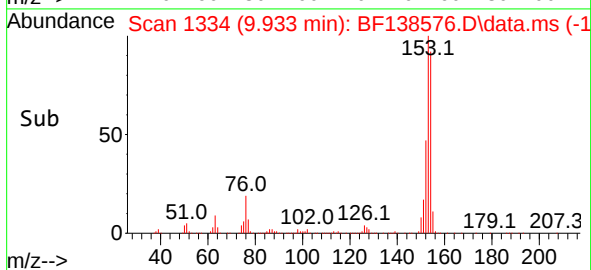
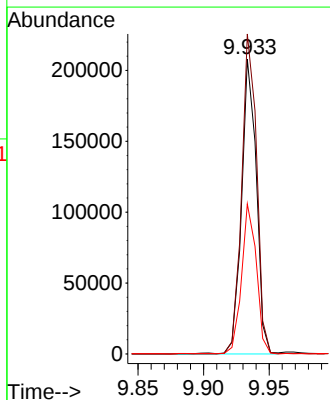
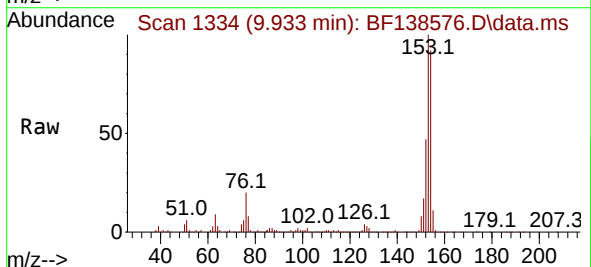
Manual Integrations
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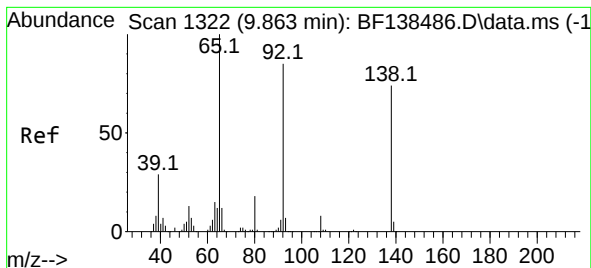
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#52
Acenaphthene
Concen: 23.973 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:154 Resp: 163550
Ion Ratio Lower Upper
154 100
153 108.5 90.4 135.6
152 50.9 41.1 61.7





#53

3-Nitroaniline

Concen: 22.220 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion:138 Resp: 4281

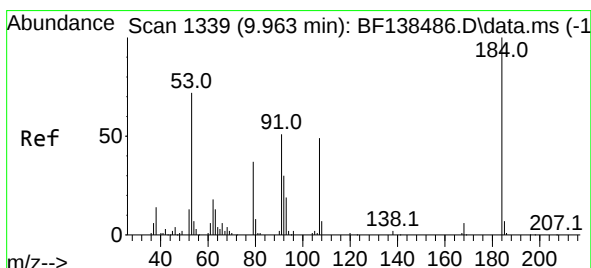
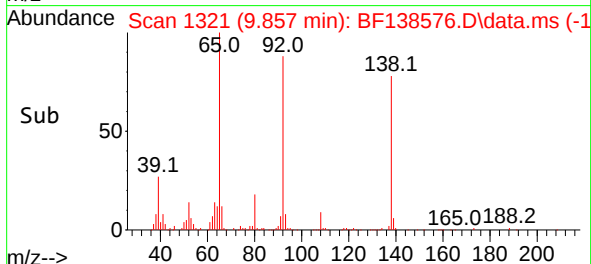
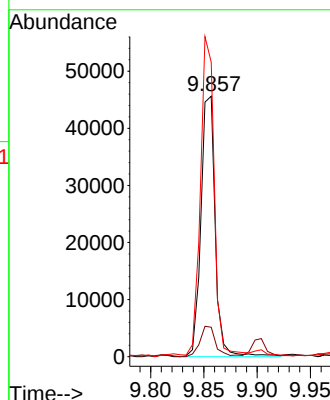
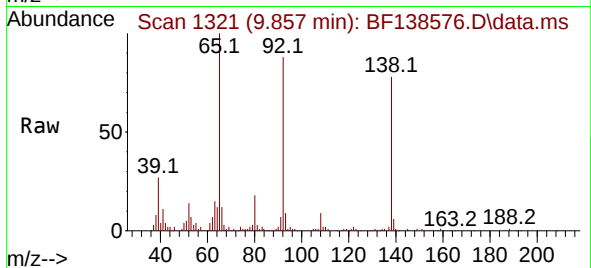
Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	113.0	92.6	138.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#54

2,4-Dinitrophenol

Concen: 6.901 ng

RT: 9.969 min Scan# 1340

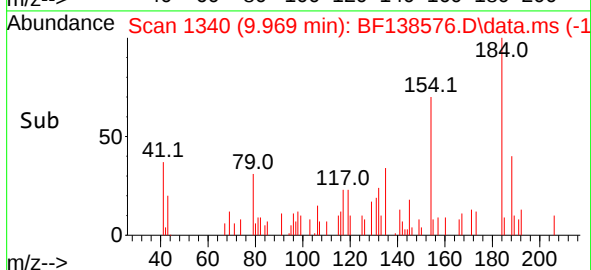
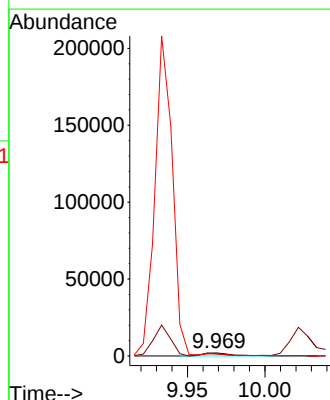
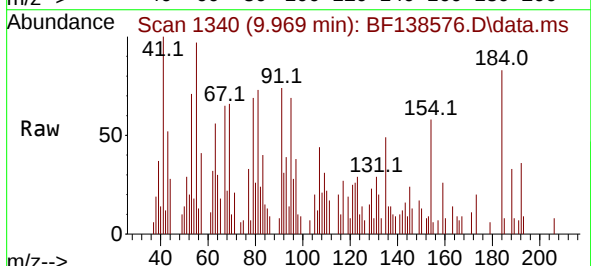
Delta R.T. 0.006 min

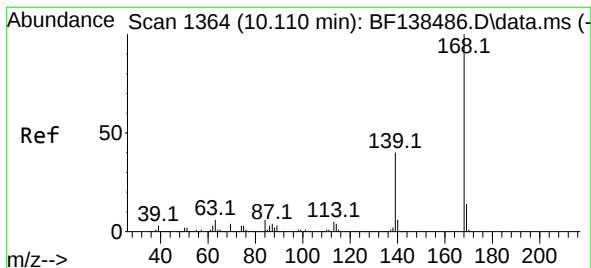
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:184 Resp: 2393

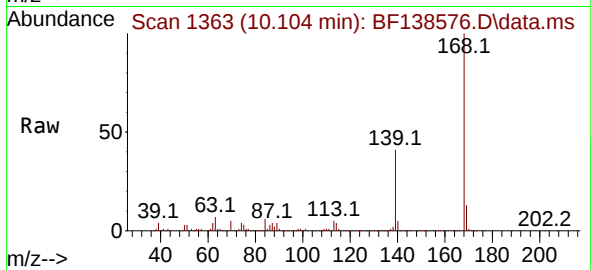
Ion	Ratio	Lower	Upper
184	100		
63	67.8	70.6	106.0#
154	69.7	53.8	80.6





#55
Dibenzenofuran
Concen: 24.697 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

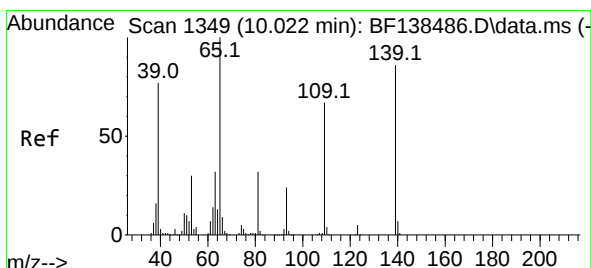
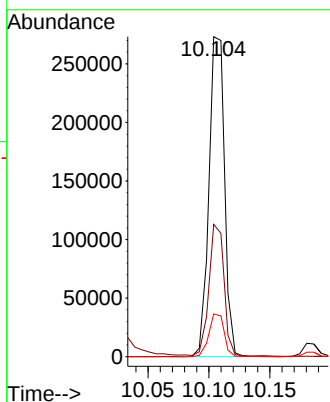
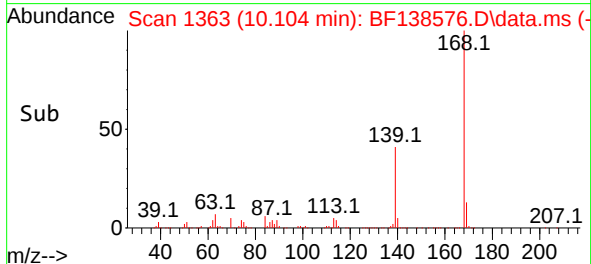
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:168 Resp: 244385
Ion Ratio Lower Upper
168 100
139 41.3 32.4 48.6
169 13.3 10.9 16.3

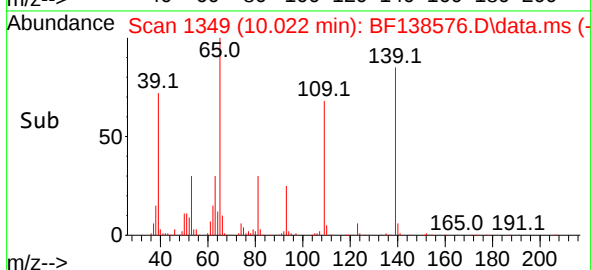
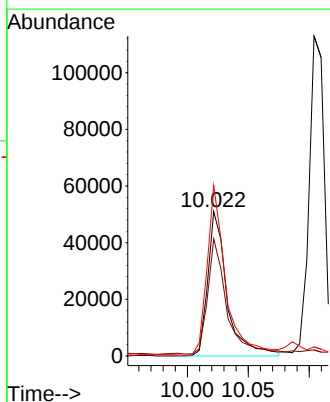
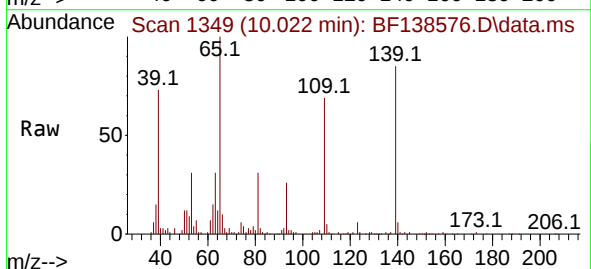
Manual Integrations
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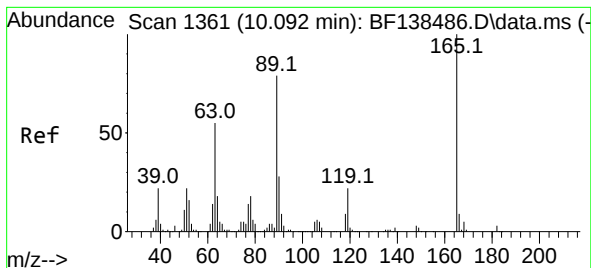
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#56
4-Nitrophenol
Concen: 39.374 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

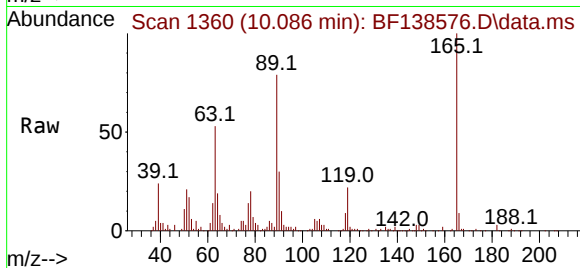
Tgt Ion:139 Resp: 55975
Ion Ratio Lower Upper
139 100
109 81.0 58.1 98.1
65 117.9 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 21.951 ng
RT: 10.086 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

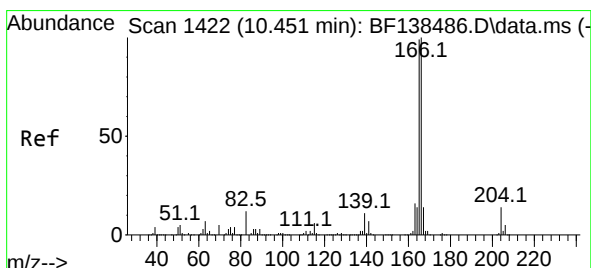
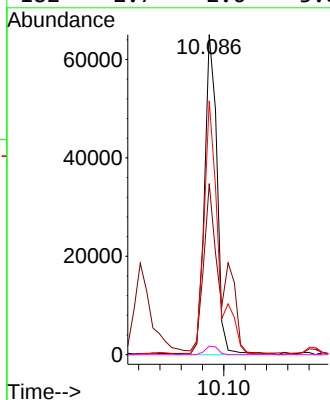
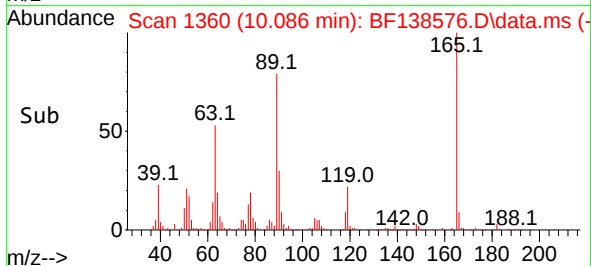
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:165 Resp: 5339
Ion Ratio Lower Upper
165 100
63 53.4 44.6 66.8
89 79.3 63.4 95.2
182 2.7 2.6 3.8

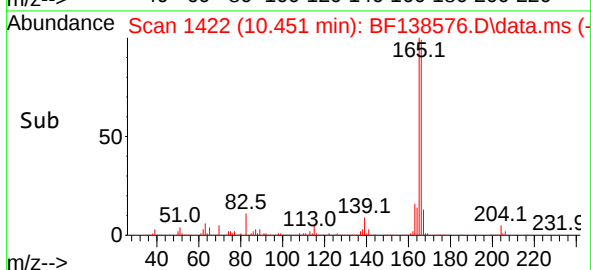
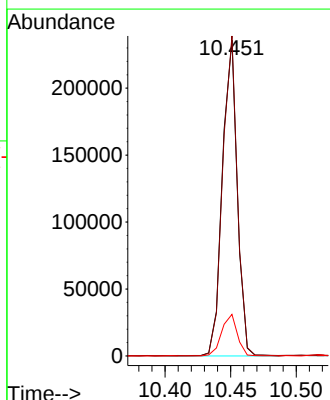
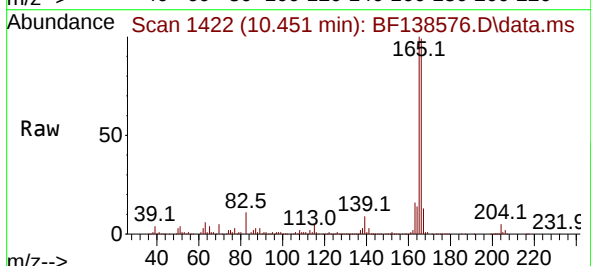
Manual Integrations
APPROVED

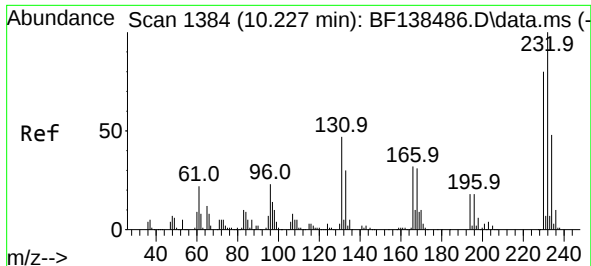
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#58
Fluorene
Concen: 23.691 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

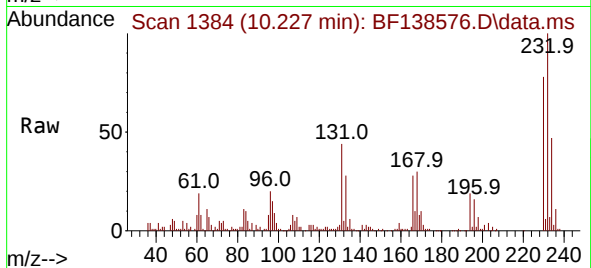
Tgt Ion:166 Resp: 185490
Ion Ratio Lower Upper
166 100
165 101.3 79.1 118.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.613 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

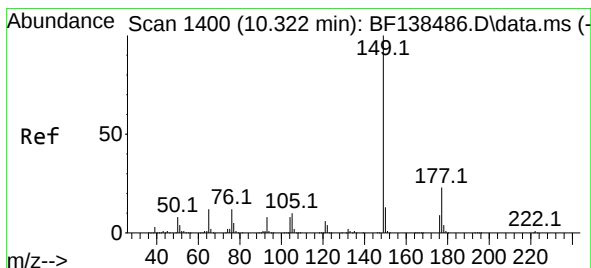
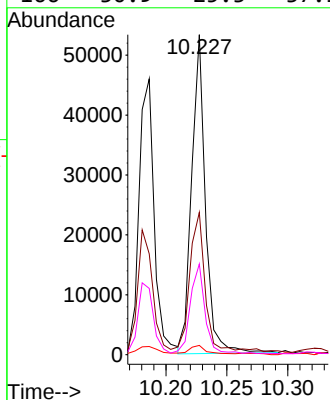
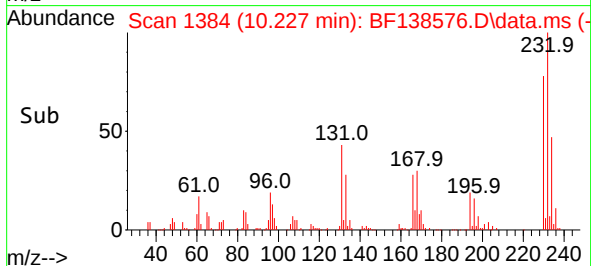
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:232 Resp: 4211
Ion Ratio Lower Upper
232 100
131 50.3 37.5 56.3
130 3.0 2.0 3.0
166 30.9 25.3 37.9

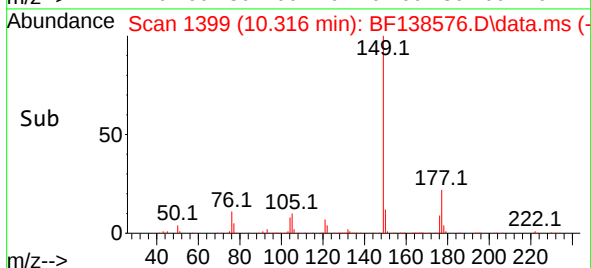
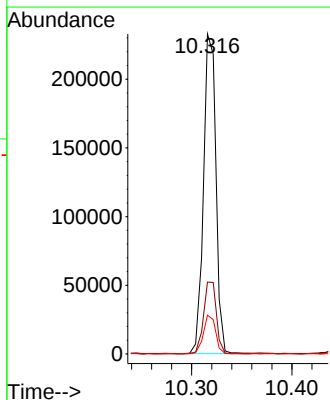
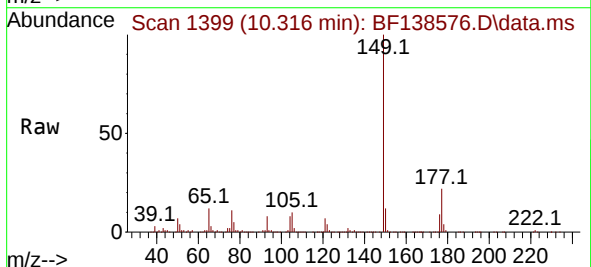
Manual Integrations
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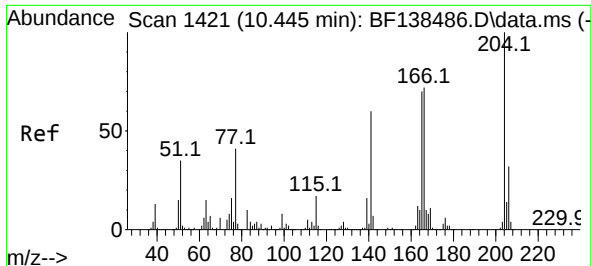
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#60
Diethylphthalate
Concen: 25.663 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

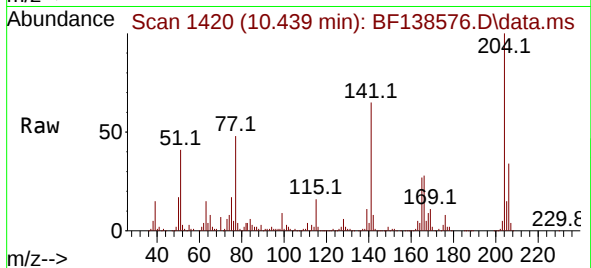
Tgt Ion:149 Resp: 201992
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.1 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 23.906 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

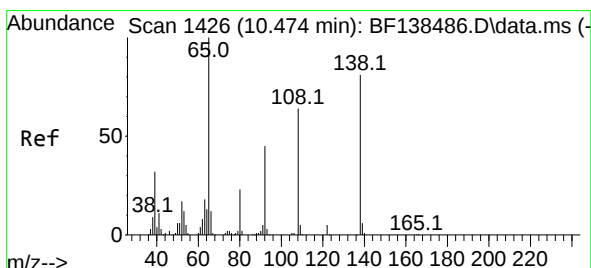
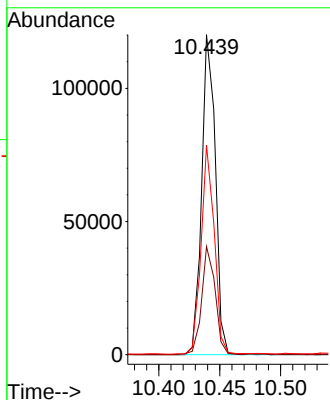
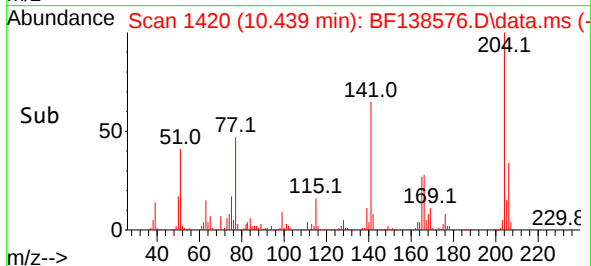
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:204 Resp: 9399
Ion Ratio Lower Upper
204 100
206 33.8 25.6 38.4
141 65.4 47.7 71.5

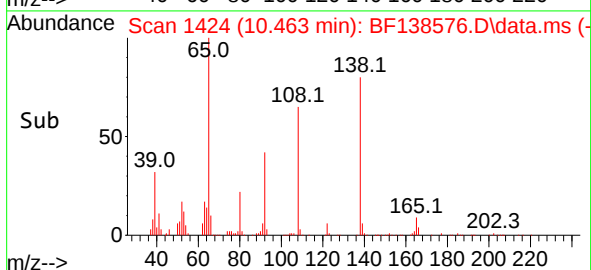
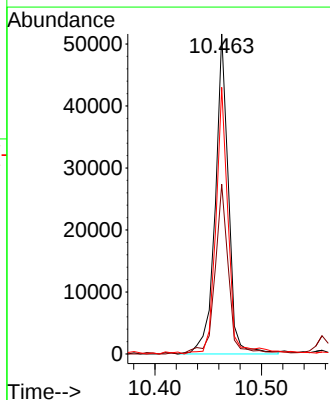
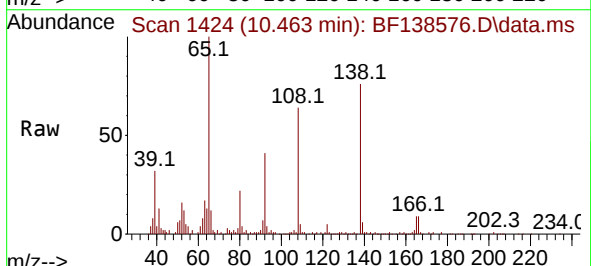
Manual Integrations
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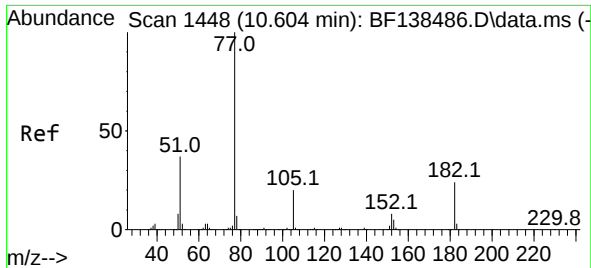
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#62
4-Nitroaniline
Concen: 22.927 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

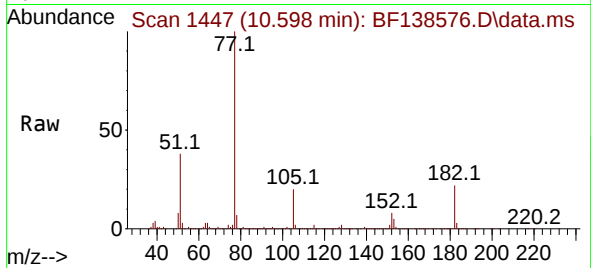
Tgt Ion:138 Resp: 44265
Ion Ratio Lower Upper
138 100
92 53.1 35.8 75.8
108 83.3 59.8 99.8





#63
Azobenzene
Concen: 23.586 ng
RT: 10.598 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

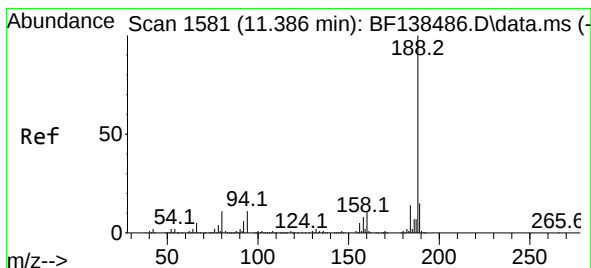
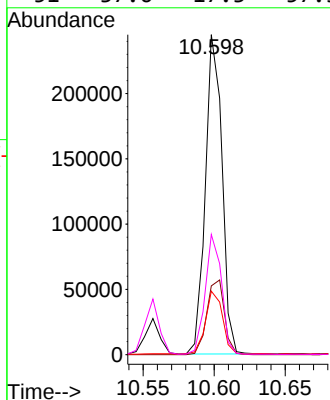
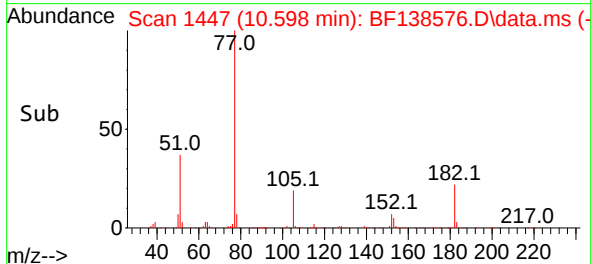
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



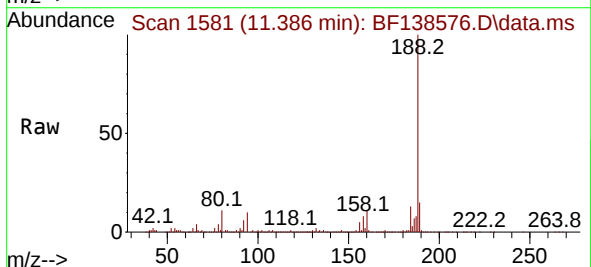
Tgt Ion: 77 Resp: 199590
Ion Ratio Lower Upper
77 100
182 21.5 3.8 43.8
105 19.8 0.0 39.8
51 37.6 17.3 57.3

Manual Integrations
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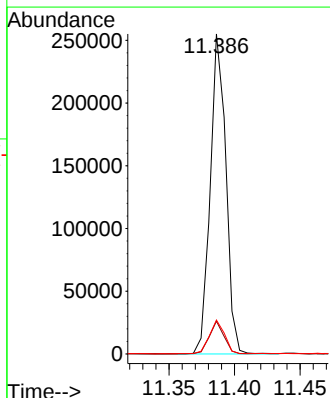
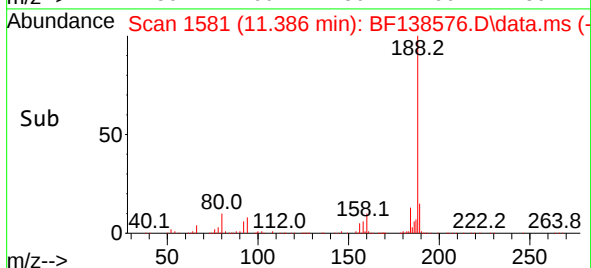
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

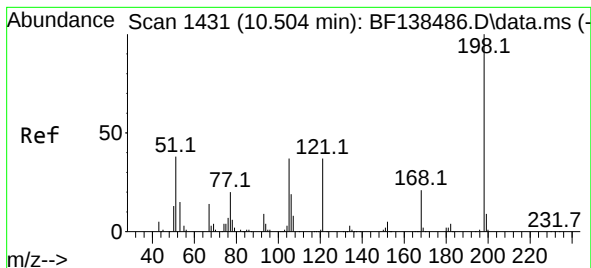


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



Tgt Ion:188 Resp: 212057
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 10.6 9.0 13.4





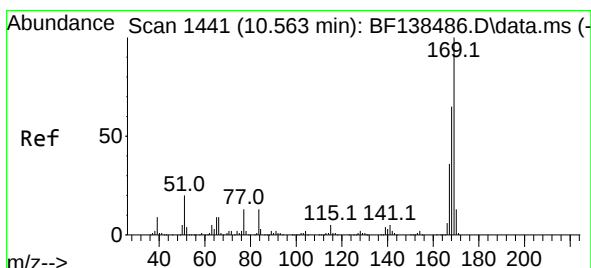
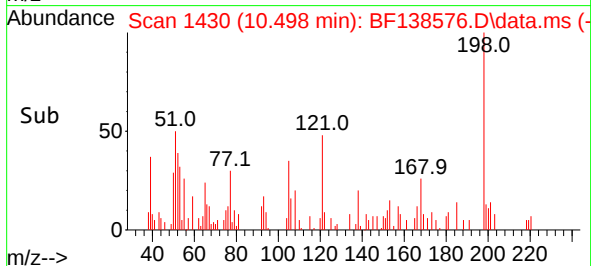
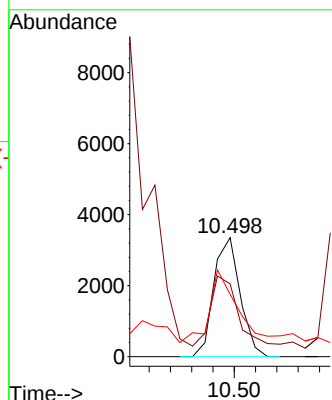
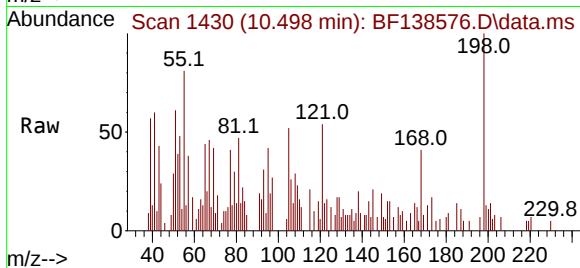
#65
4,6-Dinitro-2-methylphenol
Concen: 2.350 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

Tgt Ion:198 Resp: 287
Ion Ratio Lower Upper
198 100
51 61.1 27.2 67.2
105 52.4 18.5 58.5

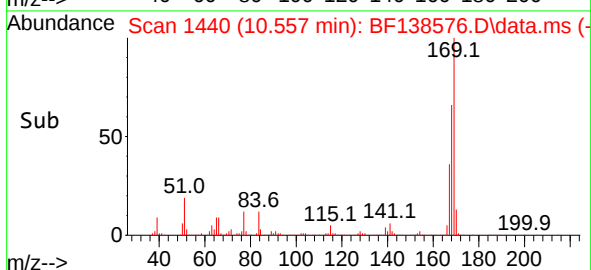
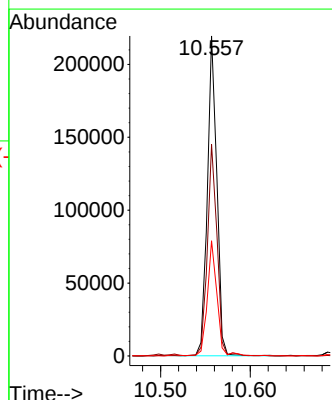
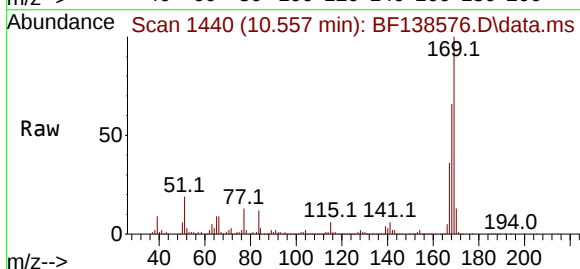
Manual Integrations
APPROVED

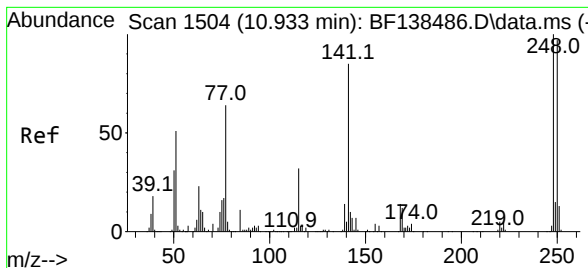
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#66
n-Nitrosodiphenylamine
Concen: 25.221 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

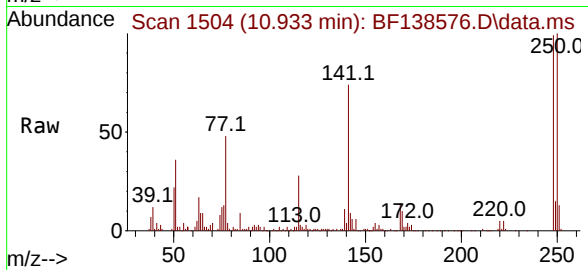
Tgt Ion:169 Resp: 160236
Ion Ratio Lower Upper
169 100
168 66.1 51.7 77.5
167 36.0 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 23.975 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

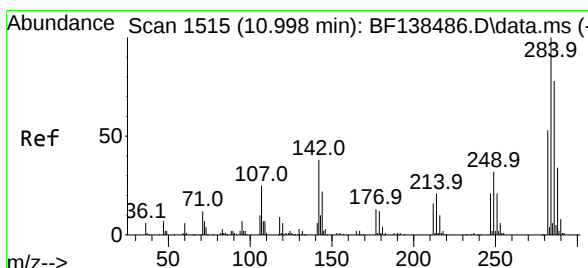
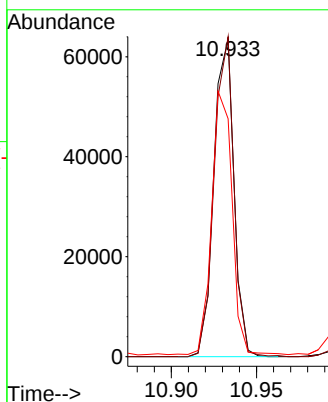
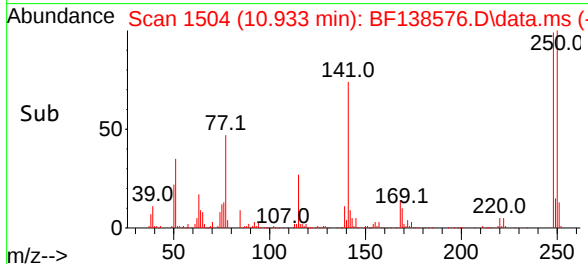
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



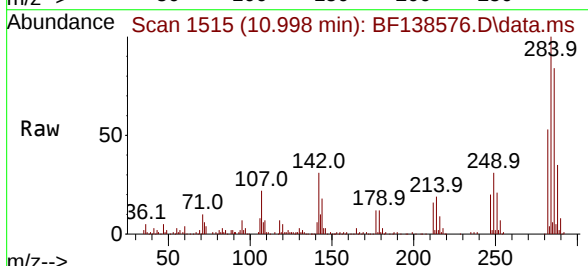
Tgt Ion:248 Resp: 52254
Ion Ratio Lower Upper
248 100
250 100.7 77.9 116.9
141 74.9 67.7 101.5

Manual Integrations
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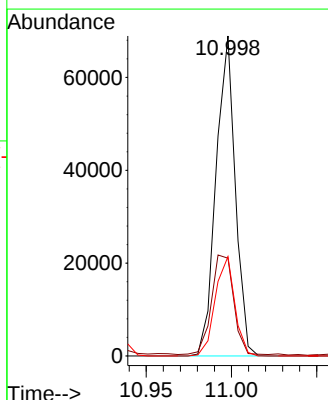
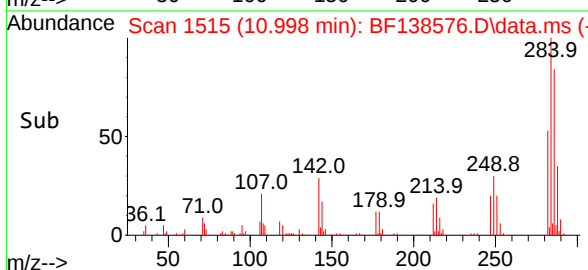
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

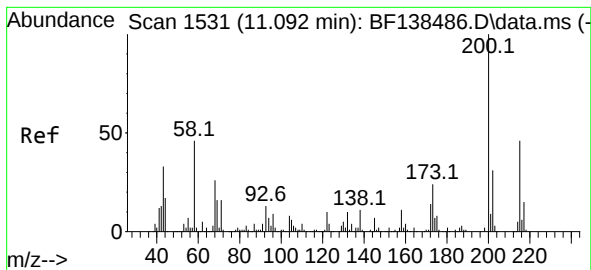


#68
Hexachlorobenzene
Concen: 22.370 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15



Tgt Ion:284 Resp: 54164
Ion Ratio Lower Upper
284 100
142 30.5 30.5 45.7
249 31.0 25.9 38.9





#69

Atrazine

Concen: 24.816 ng

RT: 11.086 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

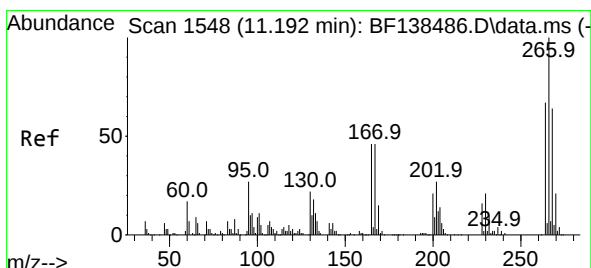
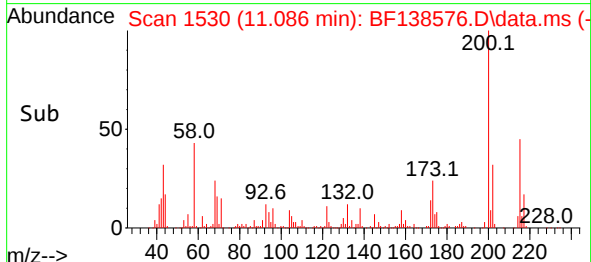
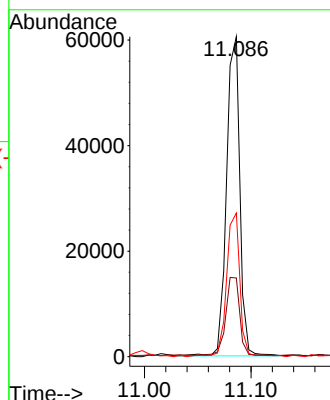
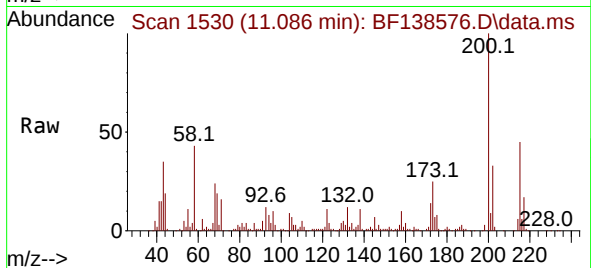
Tgt Ion:200	Resp: 52274
Ion Ratio	Lower Upper
200 100	
173 24.6	4.1 44.1
215 44.9	26.5 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#70

Pentachlorophenol

Concen: 35.486 ng

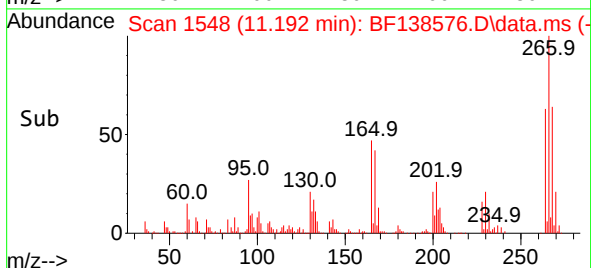
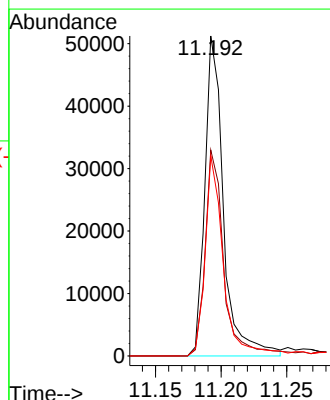
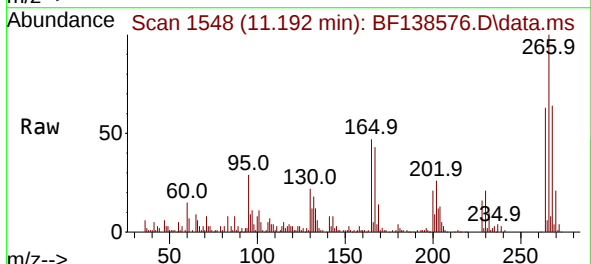
RT: 11.192 min Scan# 1548

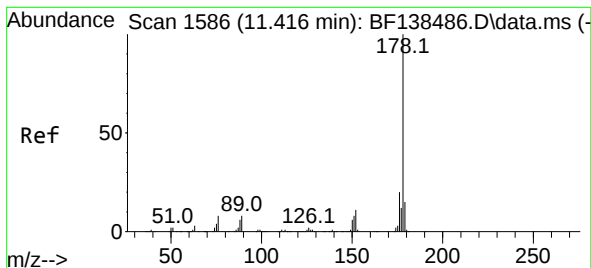
Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:266	Resp: 50843
Ion Ratio	Lower Upper
266 100	
268 64.4	50.9 76.3
264 62.5	53.5 80.3





#71

Phenanthrene

Concen: 27.443 ng

RT: 11.410 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

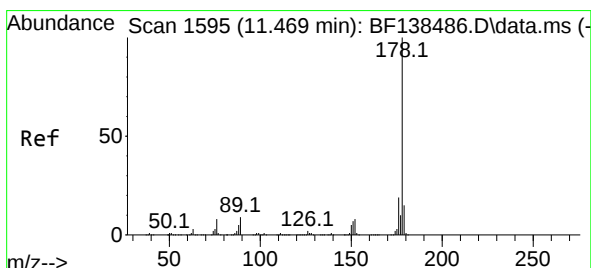
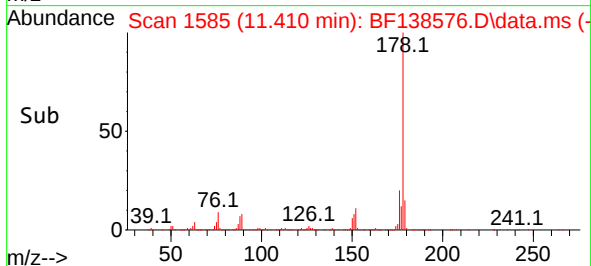
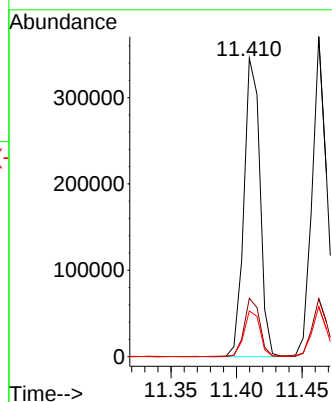
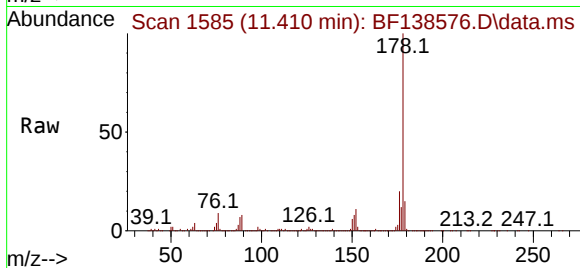
Tgt Ion:178 Resp: 294000
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.4 12.2 18.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#72

Anthracene

Concen: 26.477 ng

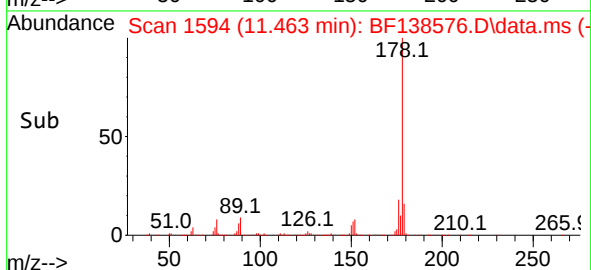
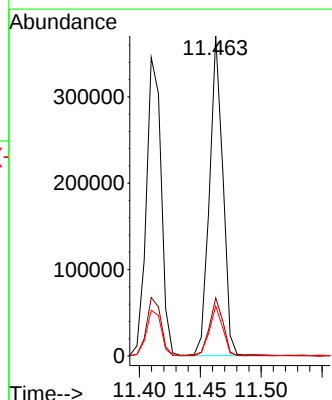
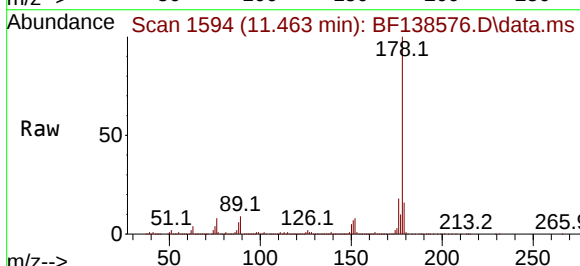
RT: 11.463 min Scan# 1594

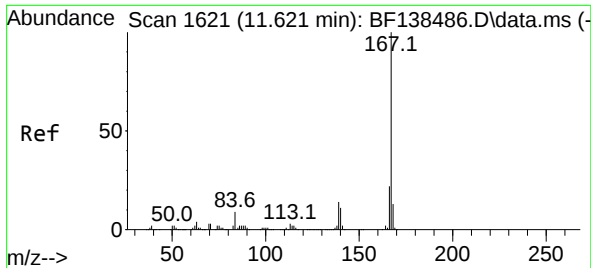
Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

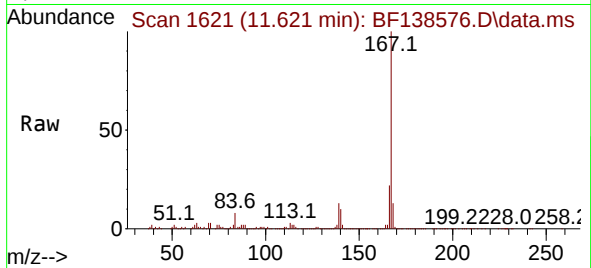
Tgt Ion:178 Resp: 281573
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.8 22.2
 179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 25.522 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15

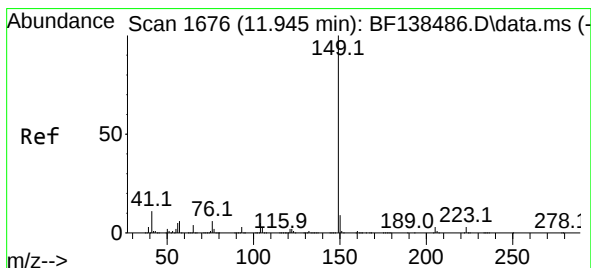
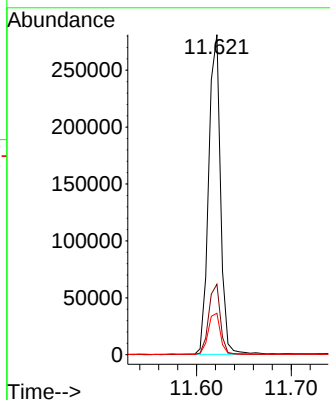
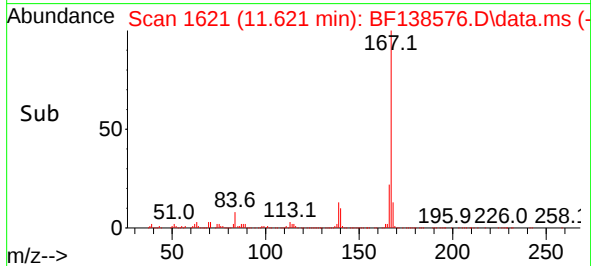
Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MSD



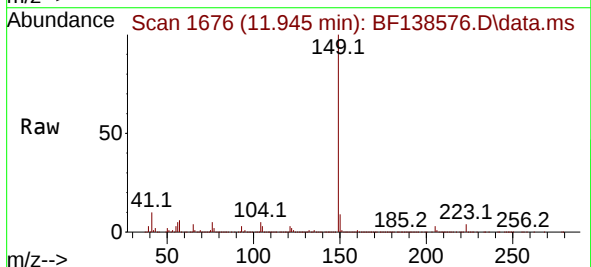
Tgt Ion:167 Resp: 243915
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.0 11.0 16.4

Manual Integrations
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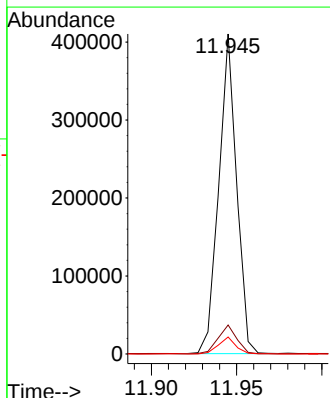
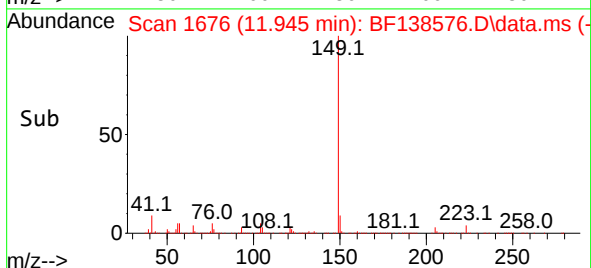
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024

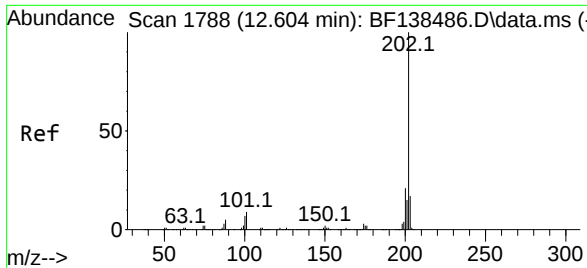


#74
 Di-n-butylphthalate
 Concen: 27.074 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138576.D
 Acq: 15 Jul 2024 19:15



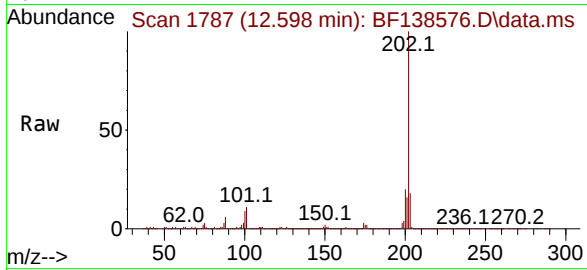
Tgt Ion:149 Resp: 298255
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 29.158 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

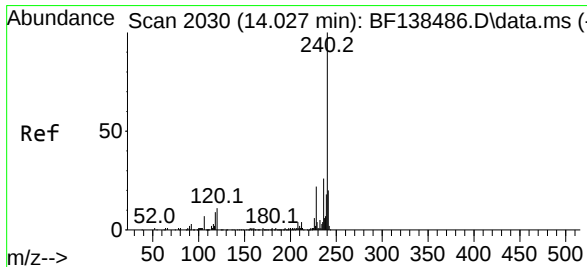
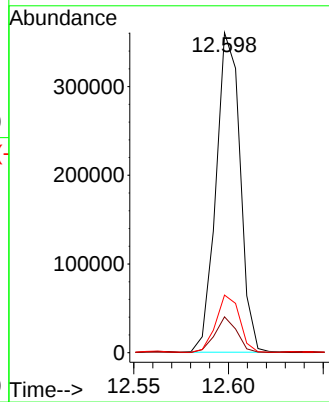
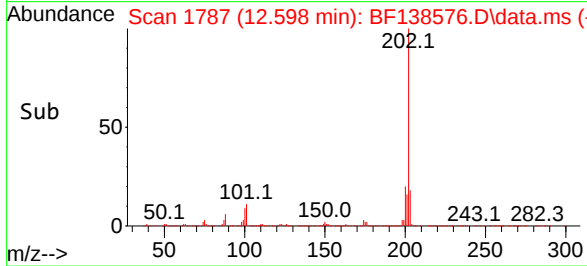
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:202 Resp: 31874
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.2
203 18.0 0.0 37.3

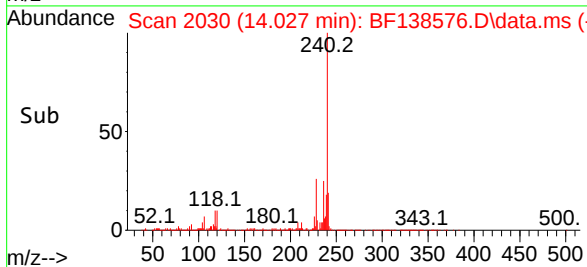
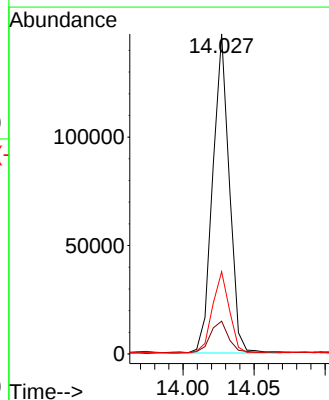
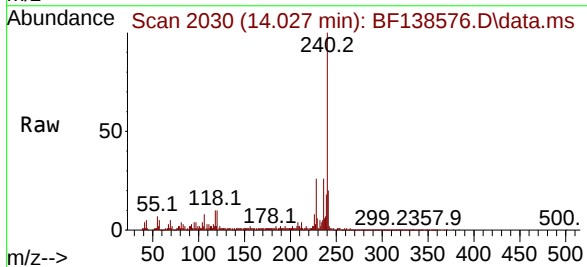
Manual Integrations
APPROVED

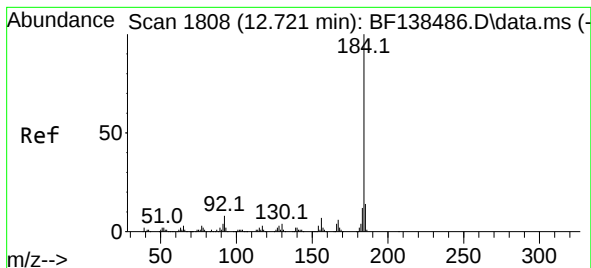
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:240 Resp: 119349
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.7 21.0 31.6





#77

Benzidine

Concen: 4.535 ng m

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

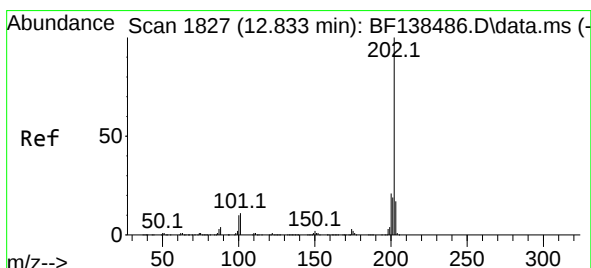
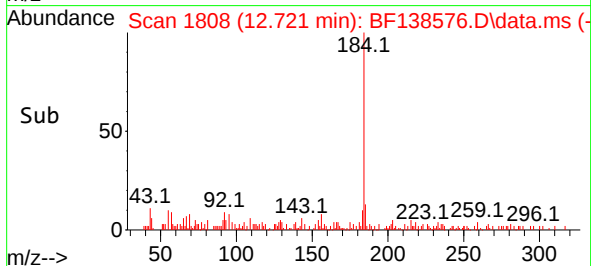
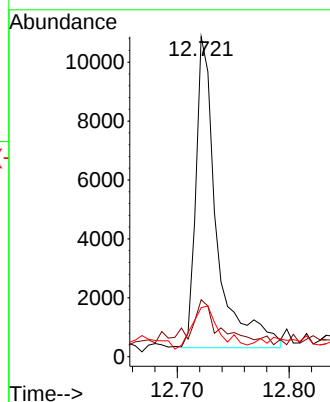
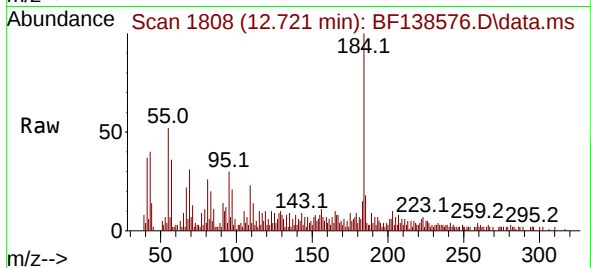
Tgt Ion:	184	Resp:	1365
Ion Ratio	Lower	Upper	
184	100		
185	17.8	11.3	16.9
183	15.3	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#78

Pyrene

Concen: 26.185 ng

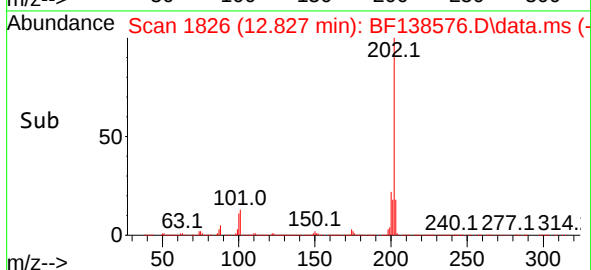
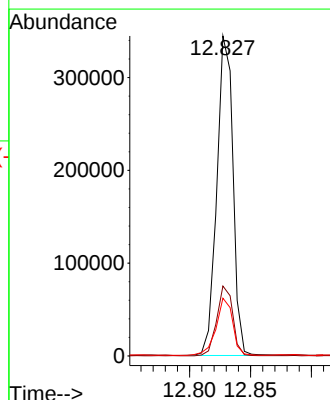
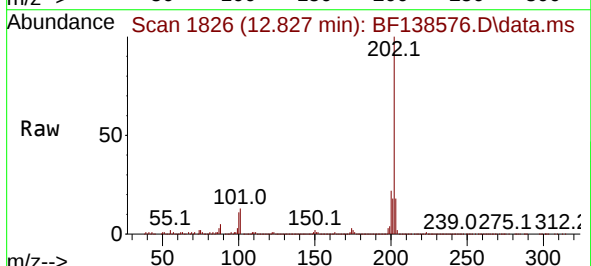
RT: 12.827 min Scan# 1826

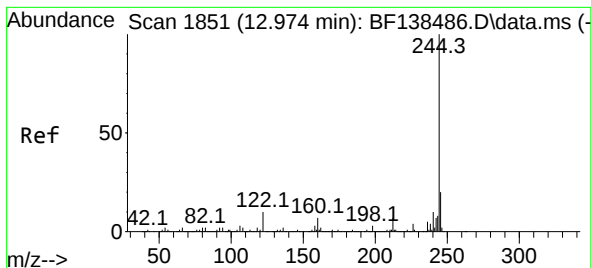
Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:	202	Resp:	317248
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.0	25.6
203	18.1	13.7	20.5





#79

Terphenyl-d14

Concen: 38.071 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion:244 Resp: 27890

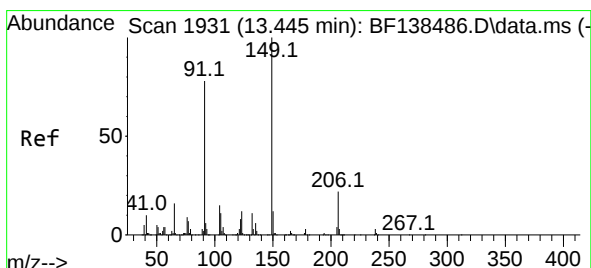
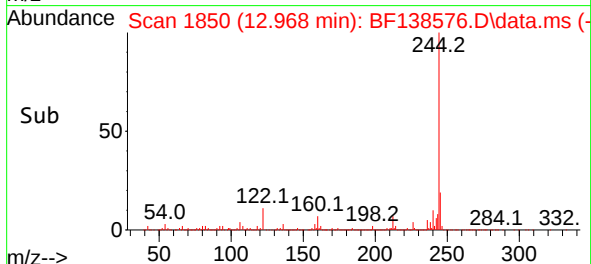
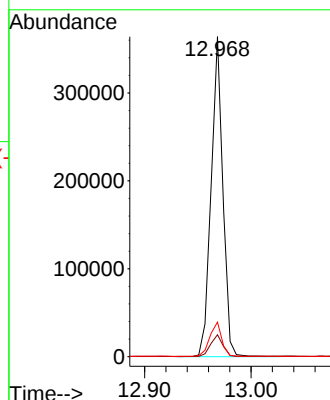
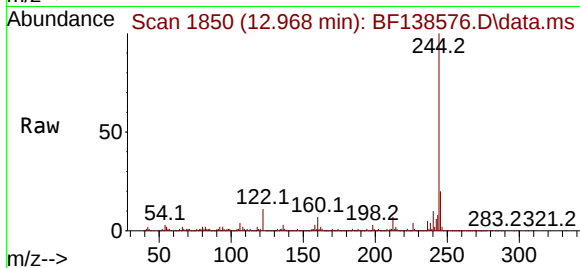
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.8	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#80

Butylbenzylphthalate

Concen: 31.365 ng

RT: 13.445 min Scan# 1931

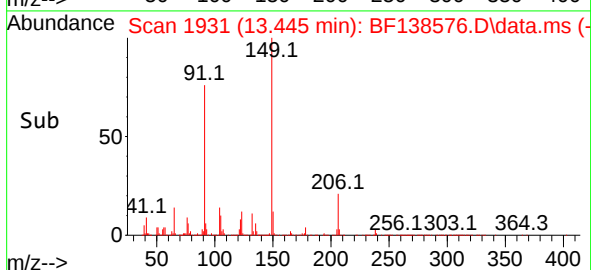
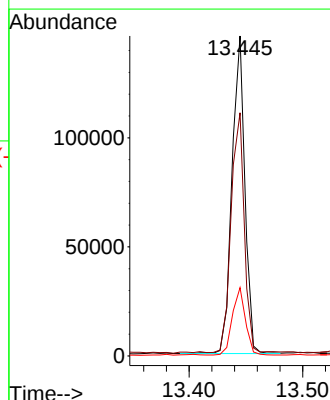
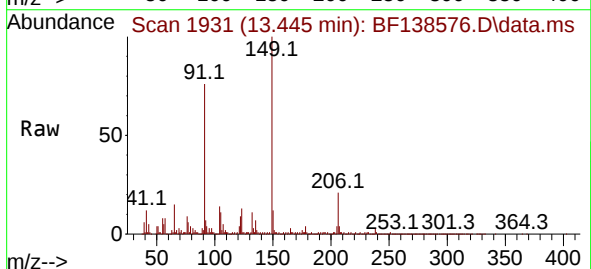
Delta R.T. 0.000 min

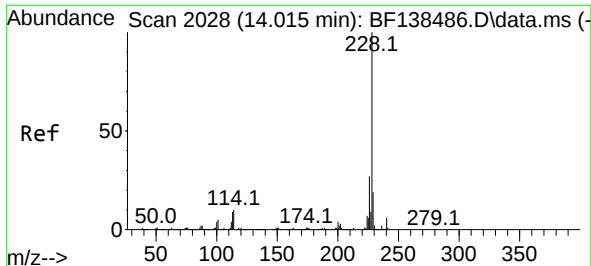
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:149 Resp: 114314

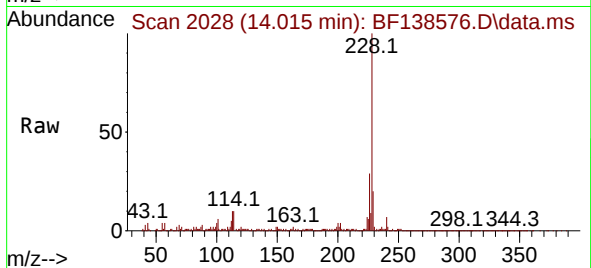
Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.1	93.1
206	21.3	18.0	27.0





#81
Benzo(a)anthracene
Concen: 26.593 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

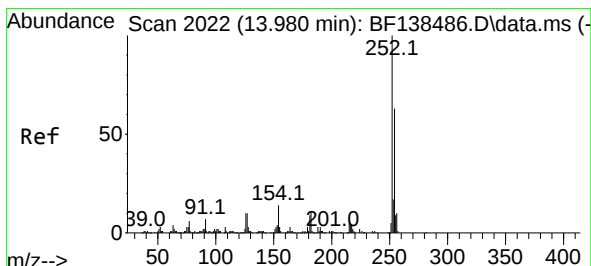
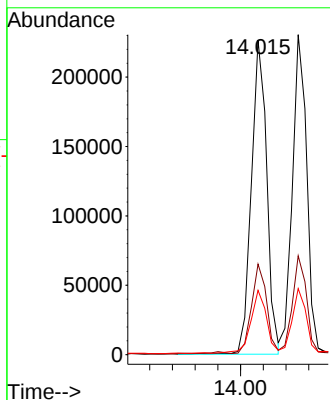
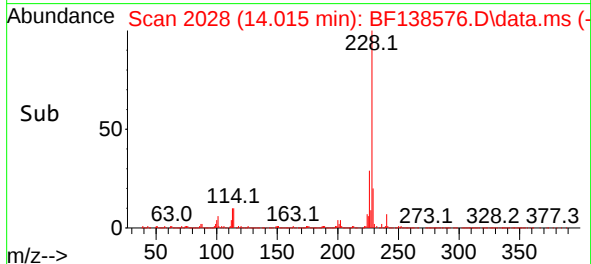
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:228 Resp: 212964
Ion Ratio Lower Upper
228 100
226 28.8 21.9 32.9
229 20.4 15.5 23.3

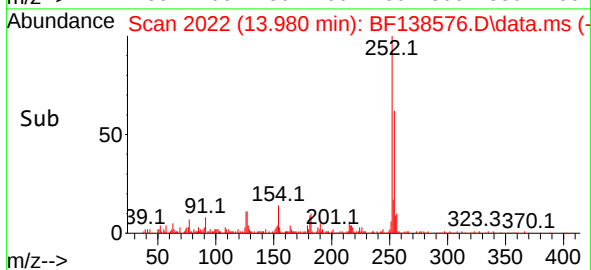
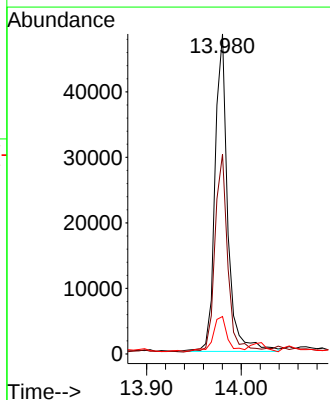
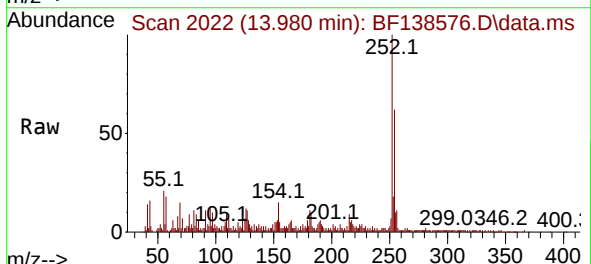
Manual Integrations
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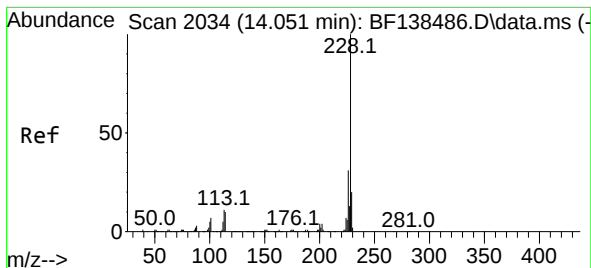
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#82
3,3'-Dichlorobenzidine
Concen: 21.894 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:252 Resp: 45180
Ion Ratio Lower Upper
252 100
254 62.5 50.3 75.5
126 11.7 8.1 12.1





#83

Chrysene

Concen: 26.674 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

Tgt Ion:228 Resp: 20208

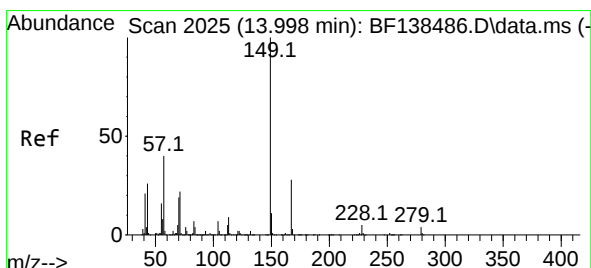
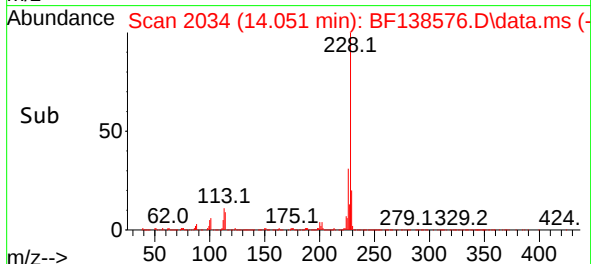
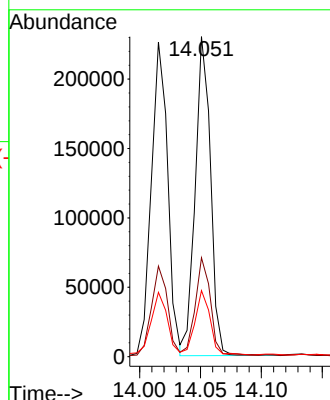
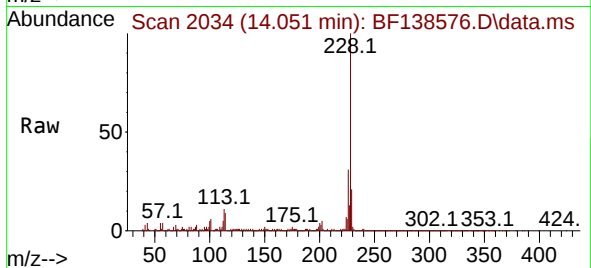
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.471 ng

RT: 13.998 min Scan# 2025

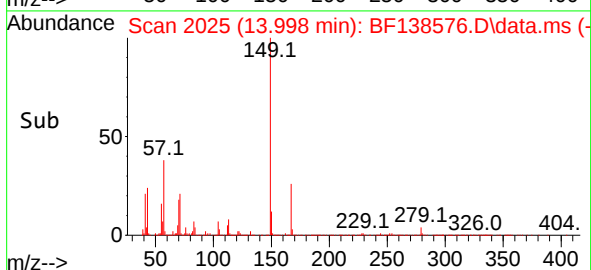
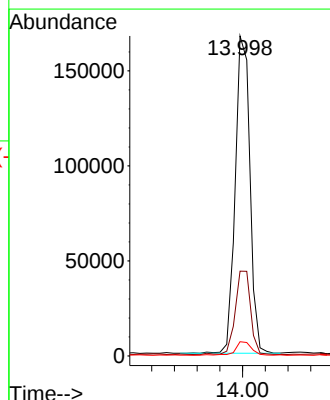
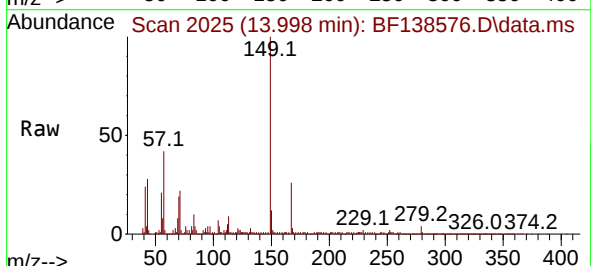
Delta R.T. 0.000 min

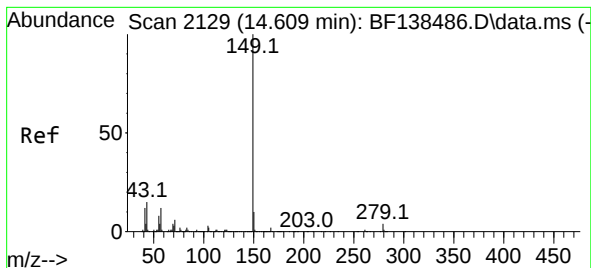
Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Tgt Ion:149 Resp: 149536

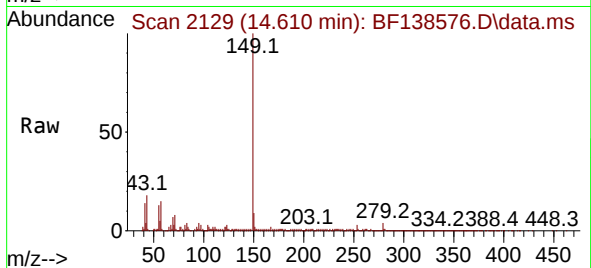
Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.5	33.7
279	4.5	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 34.773 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

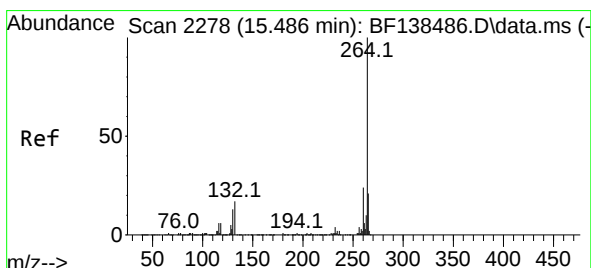
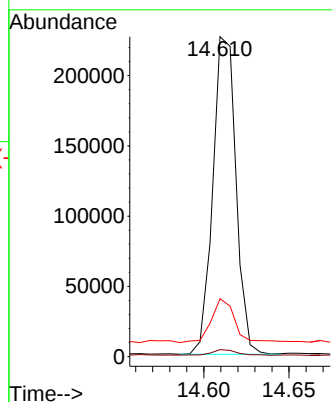
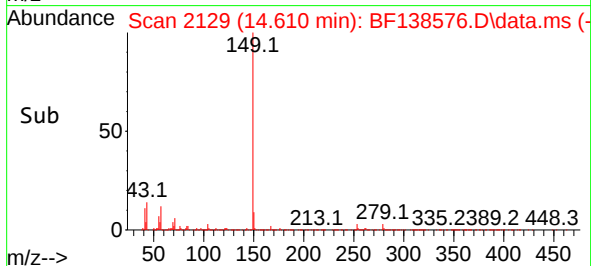
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:149 Resp: 213520
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 14.8 10.7 16.1

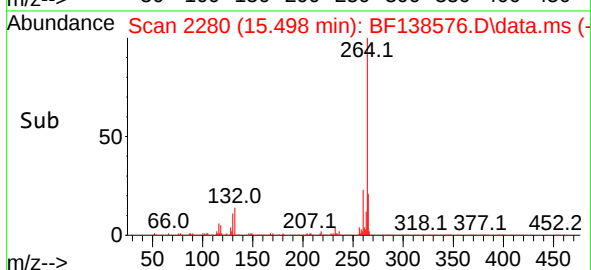
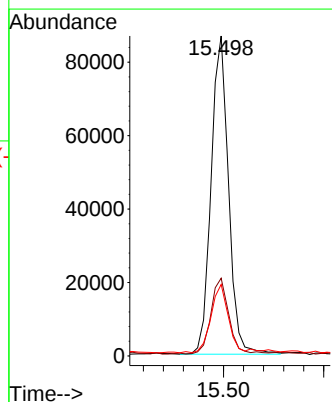
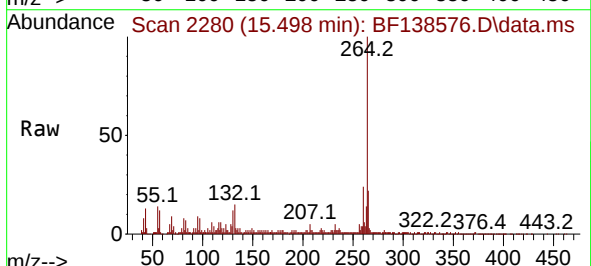
Manual Integrations
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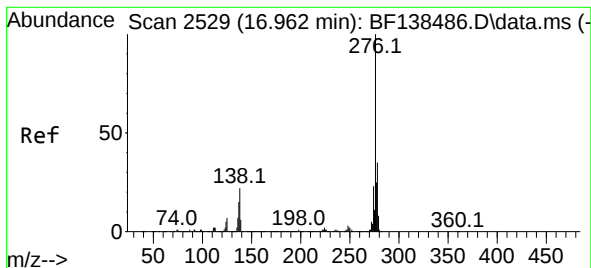
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.012 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:264 Resp: 104783
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.875 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MSD

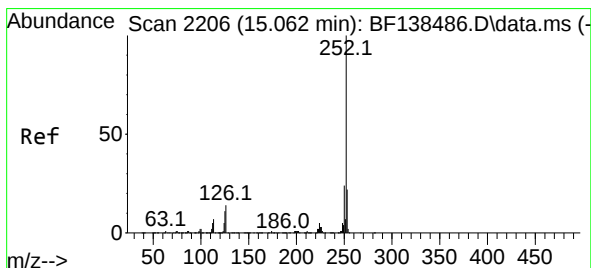
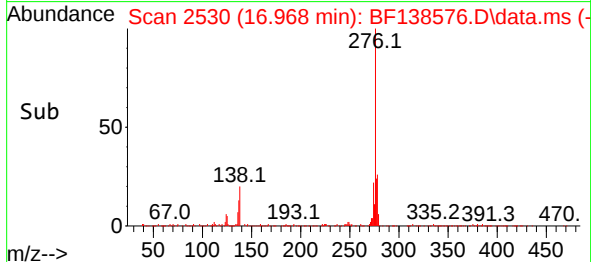
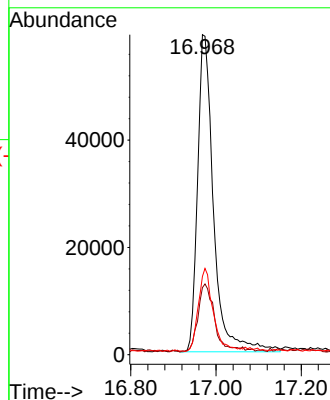
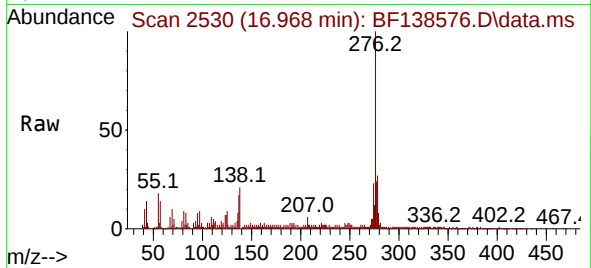
Tgt Ion:	276	Resp:	15396
Ion Ratio	Lower	Upper	
276	100		
138	22.6	19.6	29.4
277	24.1	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#88

Benzo(b)fluoranthene

Concen: 27.544 ng

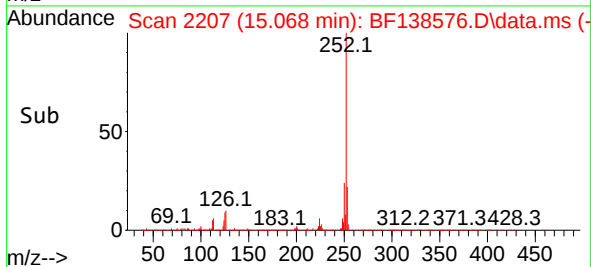
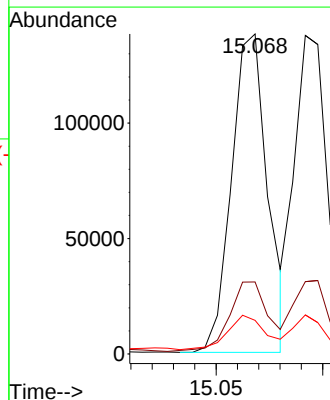
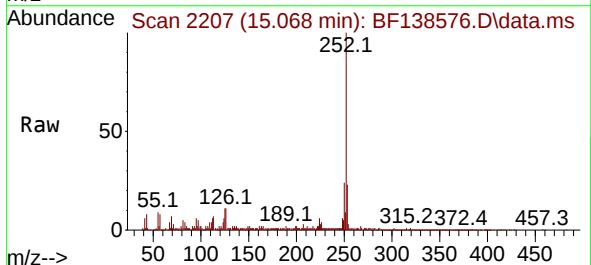
RT: 15.068 min Scan# 2207

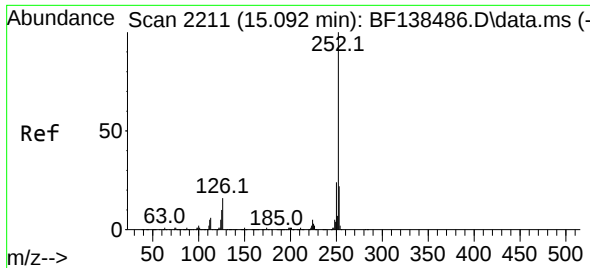
Delta R.T. 0.006 min

Lab File: BF138576.D

Acq: 15 Jul 2024 19:15

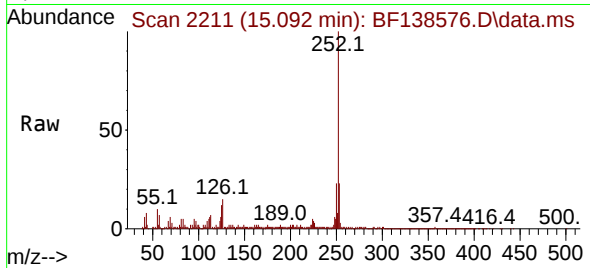
Tgt Ion:	252	Resp:	162536
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	10.5	8.6	13.0





#89
Benzo(k)fluoranthene
Concen: 25.771 ng m
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

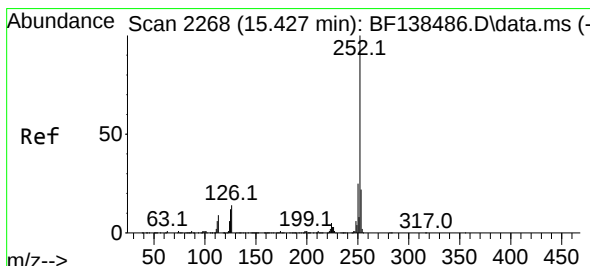
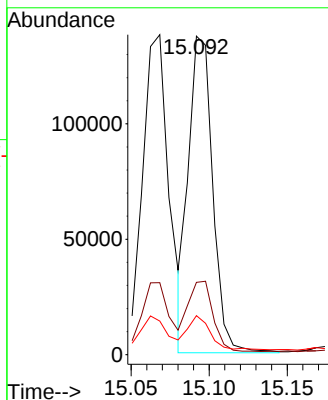
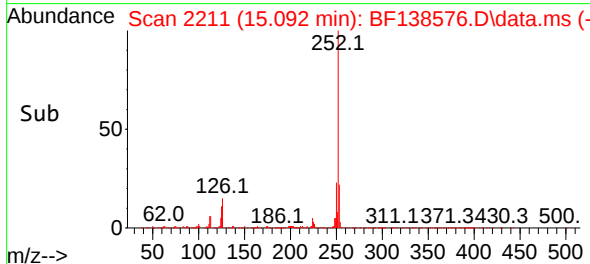
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:252 Resp: 148320
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 12.2 8.1 12.1

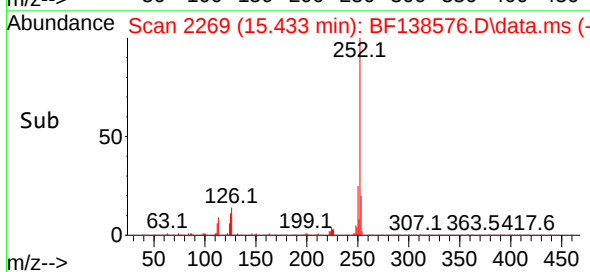
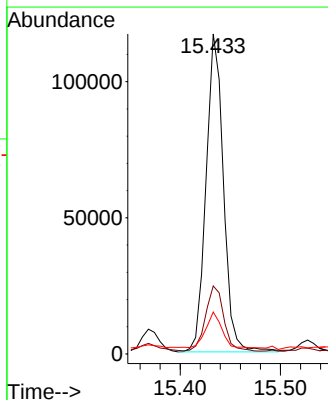
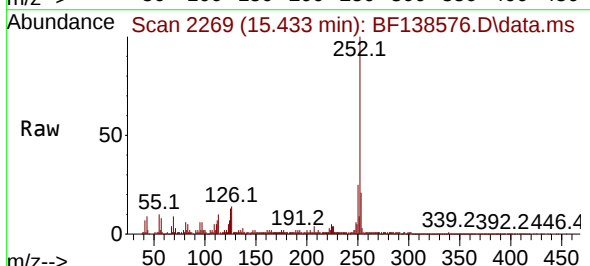
Manual Integrations
APPROVED

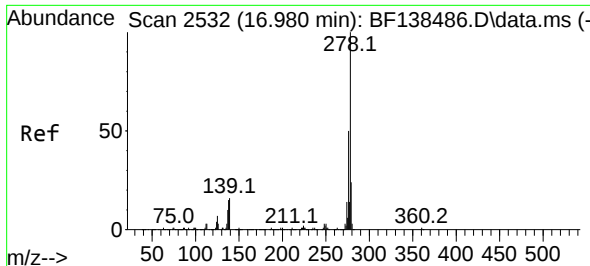
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#90
Benzo(a)pyrene
Concen: 27.294 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

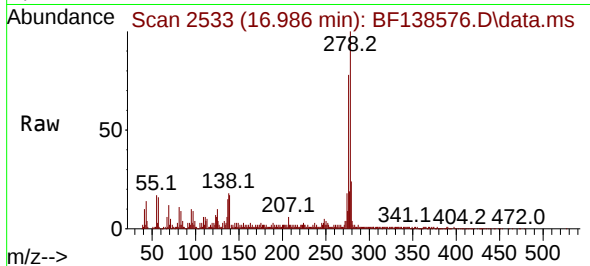
Tgt Ion:252 Resp: 141488
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 13.1 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 21.153 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

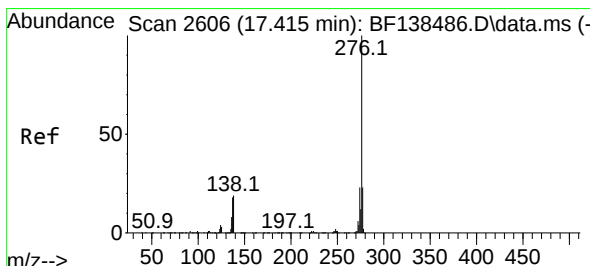
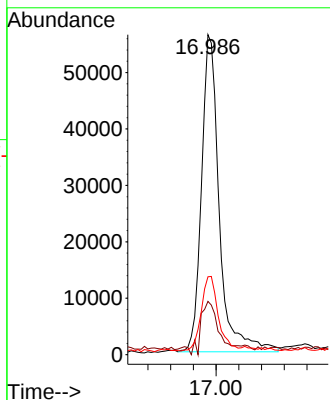
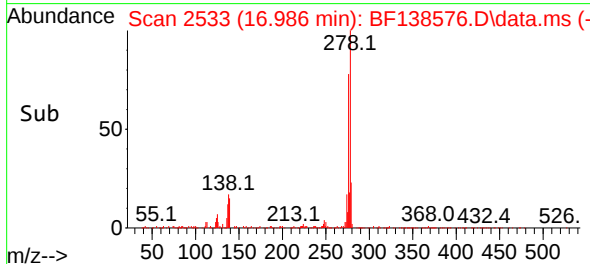
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD



Tgt Ion:278 Resp: 121788
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 24.4 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#92
Benzo(g,h,i)perylene
Concen: 17.706 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.006 min
Lab File: BF138576.D
Acq: 15 Jul 2024 19:15

Tgt Ion:276 Resp: 108097
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 21.7 15.5 23.3

