

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139144.D
 Acq On : 23 Aug 2024 13:44
 Operator : RC/JU
 Sample : P3669-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20430MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 14:16:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	87523	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318186	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	180671	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	283007	20.000	ng	0.00
76) Chrysene-d12	14.063	240	149222	20.000	ng	0.00
86) Perylene-d12	15.539	264	188099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	729522	128.239	ng	0.02
7) Phenol-d6	6.528	99	936700	127.431	ng	0.00
23) Nitrobenzene-d5	7.463	82	678923	124.332	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	264013	161.418	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1152384	101.200	ng	0.00
79) Terphenyl-d14	13.010	244	923875	102.732	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	94684	38.805	ng	# 82
3) Pyridine	3.569	79	227223	36.647	ng	99
4) n-Nitrosodimethylamine	3.510	42	160949	42.970	ng	99
6) Aniline	6.563	93	170200	25.649	ng	97
8) 2-Chlorophenol	6.687	128	269585	49.269	ng	96
9) Benzaldehyde	6.451	77	87877	20.384	ng	99
10) Phenol	6.546	94	339007	44.324	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	280683	45.634	ng	98
12) 1,3-Dichlorobenzene	6.840	146	294003	44.690	ng	100
13) 1,4-Dichlorobenzene	6.916	146	296818	45.125	ng	99
14) 1,2-Dichlorobenzene	7.069	146	283274	47.122	ng	99
15) Benzyl Alcohol	7.040	79	289399	49.814	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	417339	48.168	ng	97
17) 2-Methylphenol	7.151	107	231937	49.548	ng	98
18) Hexachloroethane	7.410	117	108632	47.097	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	228234	47.281	ng	99
20) 3+4-Methylphenols	7.304	107	297608	49.070	ng	# 82
22) Acetophenone	7.310	105	403689	49.689	ng	96
24) Nitrobenzene	7.481	77	339364	55.912	ng	98
25) Isophorone	7.722	82	605682	52.186	ng	99
26) 2-Nitrophenol	7.798	139	137650	63.050	ng	95
27) 2,4-Dimethylphenol	7.834	122	226447	61.528	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	342747	50.541	ng	99
29) 2,4-Dichlorophenol	8.034	162	240548	52.463	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	253566	47.229	ng	100
31) Naphthalene	8.204	128	798747	49.538	ng	100
32) Benzoic acid	7.940	122	144116	47.192	ng	97
33) 4-Chloroaniline	8.245	127	47106	8.530	ng	99
34) Hexachlorobutadiene	8.316	225	169238	48.255	ng	99
35) Caprolactam	8.616	113	54509m	37.497	ng	
36) 4-Chloro-3-methylphenol	8.728	107	263849	51.972	ng	99
37) 2-Methylnaphthalene	8.892	142	526752	50.932	ng	100
38) 1-Methylnaphthalene	8.992	142	490289	49.119	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	263593	53.974	ng	98
41) Hexachlorocyclopentadiene	9.045	237	353824	186.121	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	180050	53.940	ng	99

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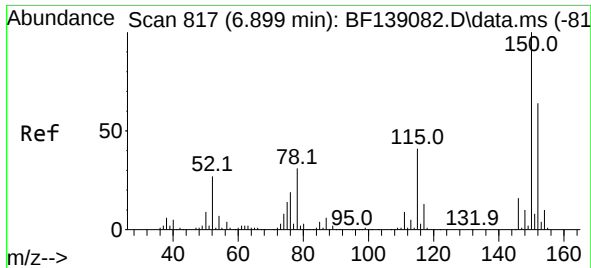
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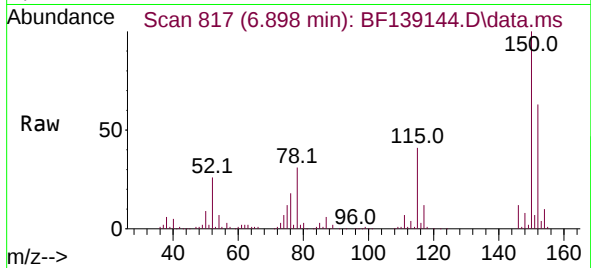
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184046	53.716	ng	99
46) 1,1'-Biphenyl	9.357	154	649988	52.519	ng	100
47) 2-Chloronaphthalene	9.381	162	508312	50.547	ng	100
48) 2-Nitroaniline	9.475	65	173304	58.700	ng	99
49) Acenaphthylene	9.798	152	791339	54.933	ng	100
50) Dimethylphthalate	9.663	163	598108	53.623	ng	100
51) 2,6-Dinitrotoluene	9.722	165	126539	55.754	ng	93
52) Acenaphthene	9.975	154	563326	59.199	ng	97
53) 3-Nitroaniline	9.886	138	71340	32.948	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	124941	106.623	ng	# 53
55) Dibenzofuran	10.145	168	715115	51.739	ng	100
56) 4-Nitrophenol	10.045	139	156378	92.751	ng	100
57) 2,4-Dinitrotoluene	10.122	165	164500	57.419	ng	96
58) Fluorene	10.486	166	551760	49.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	152743	55.522	ng	99
60) Diethylphthalate	10.363	149	562552	50.902	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	284119	51.502	ng	98
62) 4-Nitroaniline	10.504	138	101527	44.629	ng	98
63) Azobenzene	10.639	77	624937	50.884	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	79717	68.401	ng	93
66) n-Nitrosodiphenylamine	10.598	169	467443	55.821	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	171196	57.087	ng	98
68) Hexachlorobenzene	11.028	284	176876	54.977	ng	98
69) Atrazine	11.122	200	138087	53.994	ng	98
70) Pentachlorophenol	11.222	266	209850	102.111	ng	99
71) Phenanthrene	11.451	178	744697	51.770	ng	100
72) Anthracene	11.498	178	757032	53.813	ng	100
73) Carbazole	11.651	167	570790	43.451	ng	100
74) Di-n-butylphthalate	11.986	149	718734	47.186	ng	100
75) Fluoranthene	12.633	202	618537	40.287	ng	100
77) Benzidine	12.757	184	96267	31.231	ng	99
78) Pyrene	12.863	202	614015	49.307	ng	100
80) Butylbenzylphthalate	13.486	149	215207	49.953	ng	99
81) Benzo(a)anthracene	14.051	228	515662	52.569	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	129100	47.084	ng	99
83) Chrysene	14.086	228	482354	54.251	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	288008	50.427	ng	100
85) Di-n-octyl phthalate	14.663	149	532220	66.394	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	618616	56.194	ng	99
88) Benzo(b)fluoranthene	15.110	252	568555	46.364	ng	99
89) Benzo(k)fluoranthene	15.139	252	540841	52.954	ng	99
90) Benzo(a)pyrene	15.480	252	539776	55.706	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	499098	55.230	ng	100
92) Benzo(g,h,i)perylene	17.480	276	453411	44.154	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

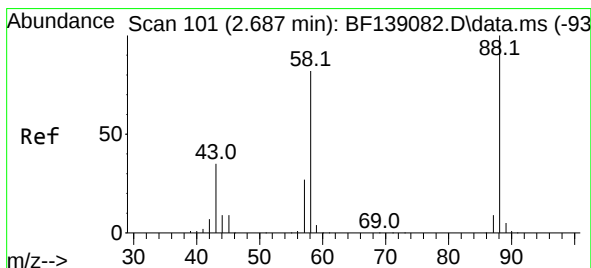
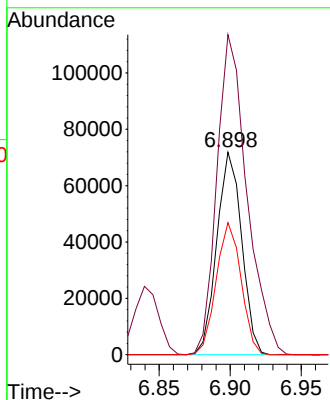
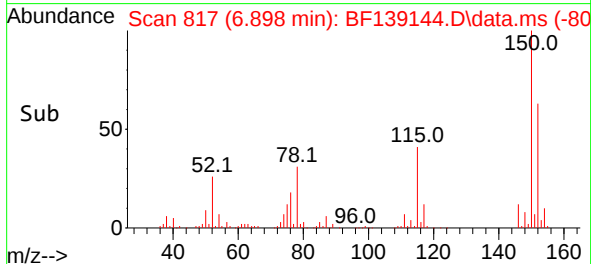
Instrument :
BNA_F
ClientSampleId :
20430MSD



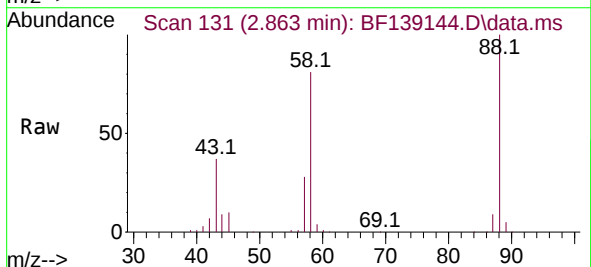
Tgt Ion:152 Resp: 8752
Ion Ratio Lower Upper
152 100
150 158.1 125.1 187.7
115 65.2 51.8 77.6

Manual Integrations
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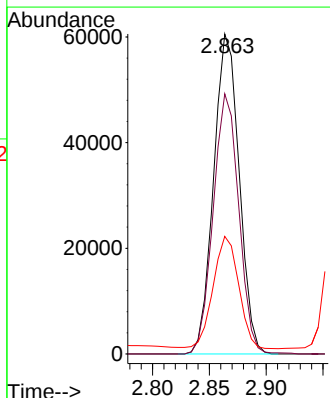
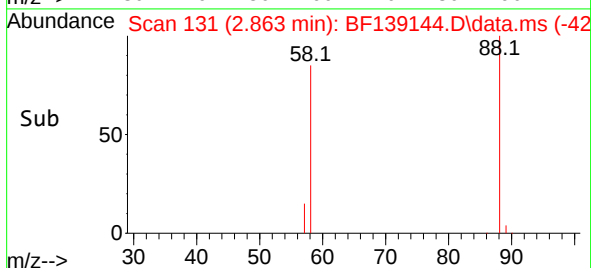
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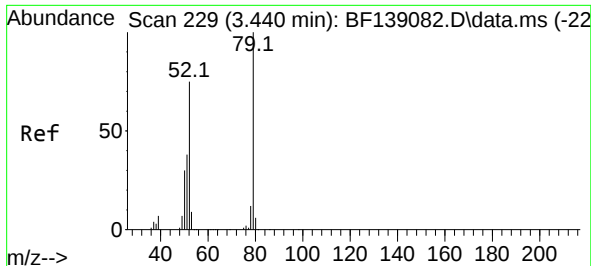


#2
1,4-Dioxane
Concen: 38.805 ng
RT: 2.863 min Scan# 131
Delta R.T. 0.176 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion: 88 Resp: 94684
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 0.0 27.9 41.9#





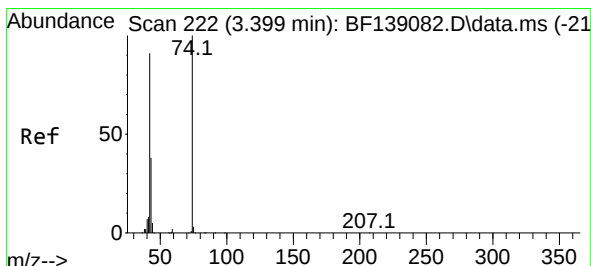
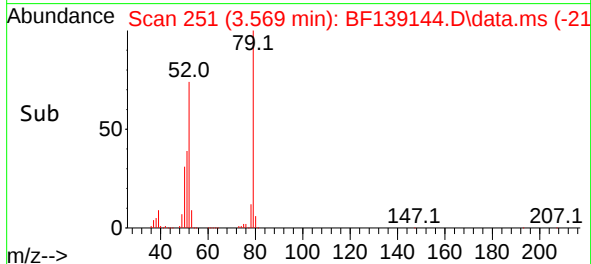
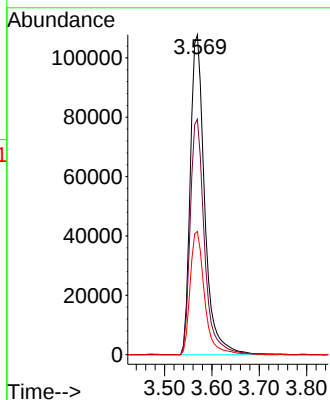
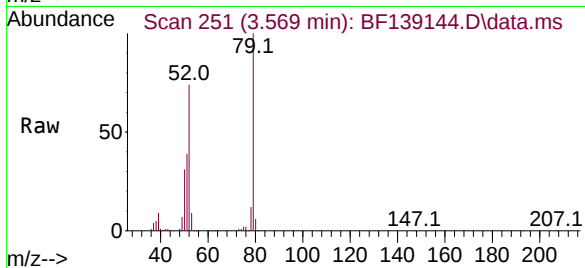
#3
Pyridine
Concen: 36.647 ng
RT: 3.569 min Scan# 241
Delta R.T. 0.129 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :
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ClientSampleId :
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Tgt Ion: 79 Resp: 22722
Ion Ratio Lower Upper
79 100
52 73.6 59.7 89.5
51 38.5 30.6 45.8

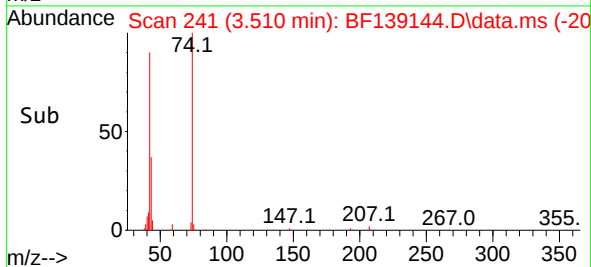
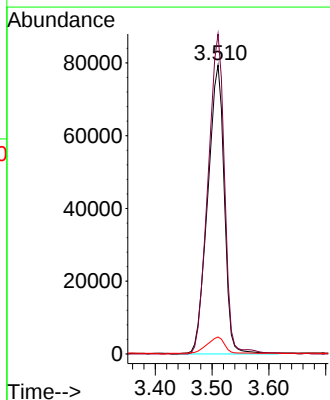
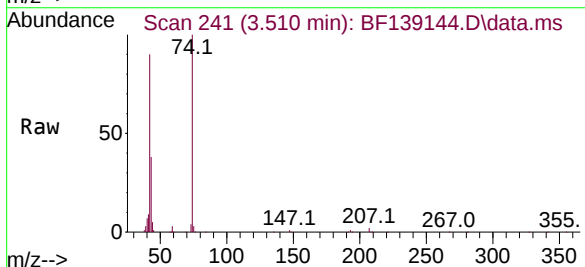
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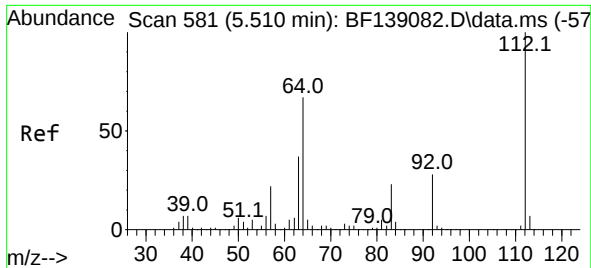
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#4
n-Nitrosodimethylamine
Concen: 42.970 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.112 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

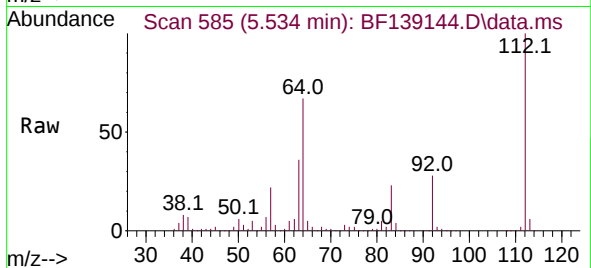
Tgt Ion: 42 Resp: 160949
Ion Ratio Lower Upper
42 100
74 110.8 88.2 132.2
44 5.9 5.4 8.0





#5
2-Fluorophenol
Concen: 128.239 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

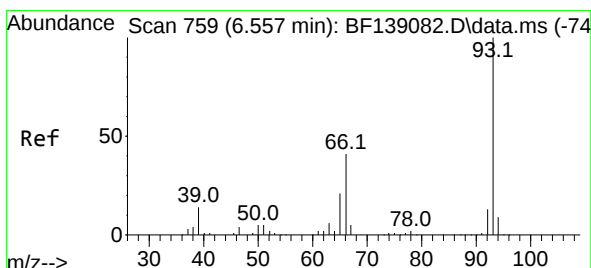
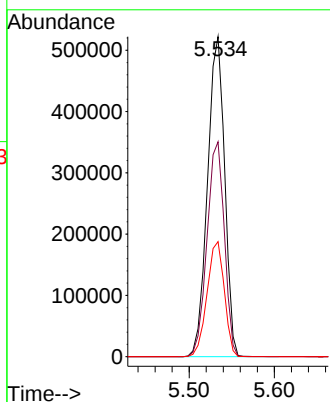
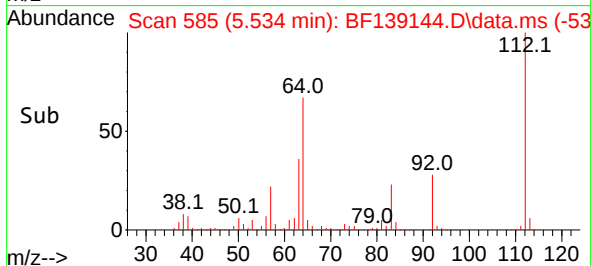
Instrument :
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Tgt Ion:112 Resp: 72952
Ion Ratio Lower Upper
112 100
64 67.1 53.8 80.6
63 36.0 29.4 44.2

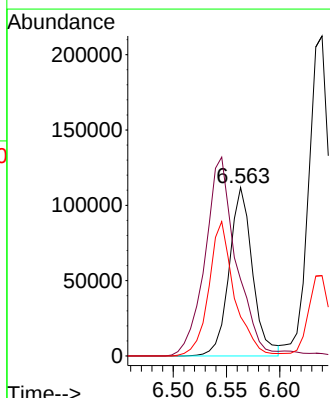
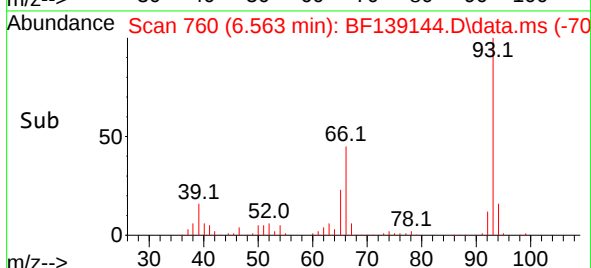
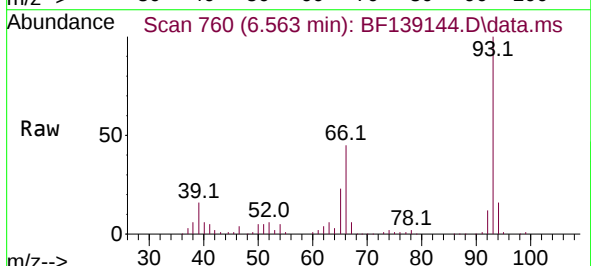
Manual Integrations
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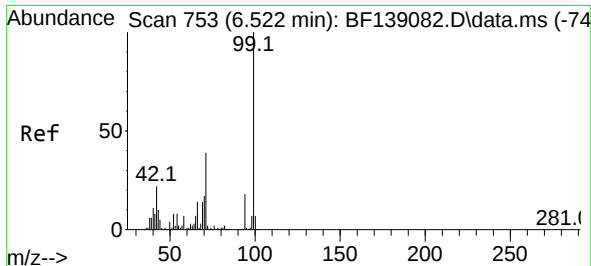
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#6
Aniline
Concen: 25.649 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 93 Resp: 170200
Ion Ratio Lower Upper
93 100
66 45.5 35.1 52.7
65 23.3 17.4 26.2





#7

Phenol-d6

Concen: 127.431 ng

RT: 6.528 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139144.D

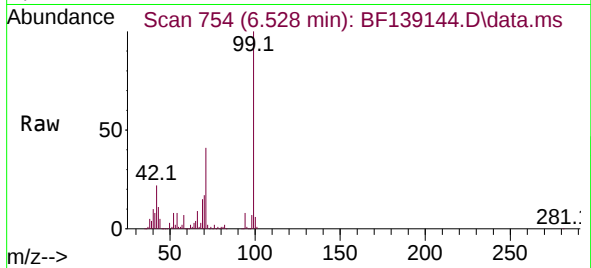
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



Tgt Ion: 99 Resp: 936700

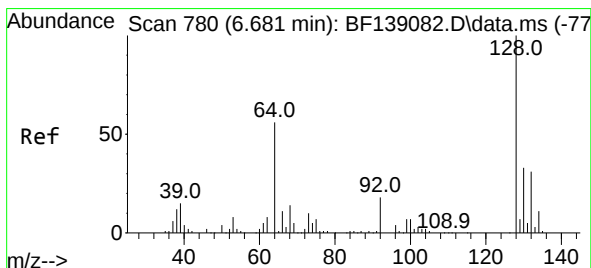
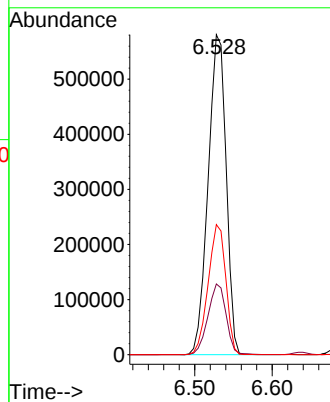
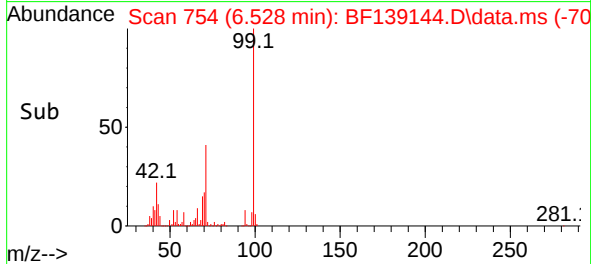
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.2
71	40.7	31.2	46.8

Manual Integrations

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Supervised By :mohammad ahmed 08/24/2024



#8

2-Chlorophenol

Concen: 49.269 ng

RT: 6.687 min Scan# 781

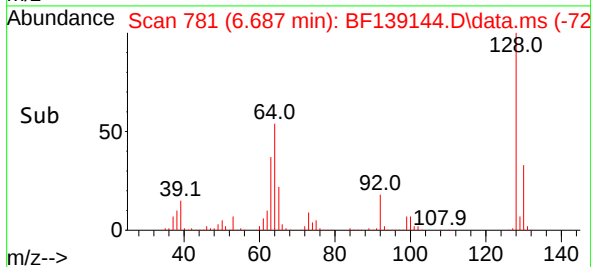
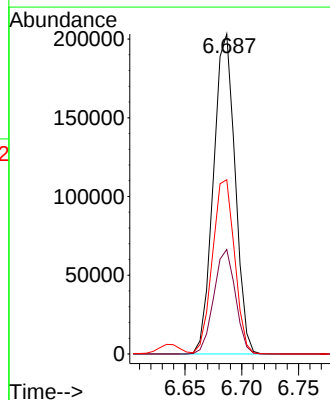
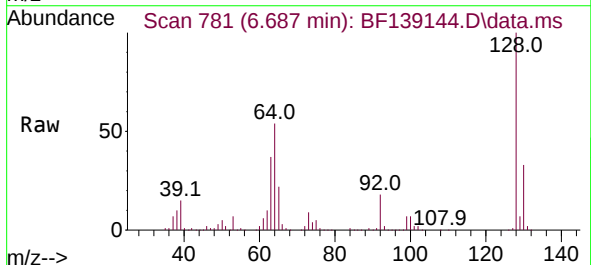
Delta R.T. 0.006 min

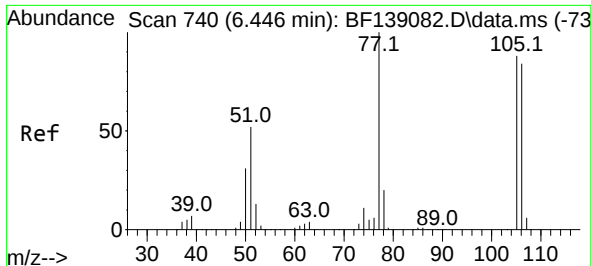
Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:128 Resp: 269585

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	54.4	39.1	79.1





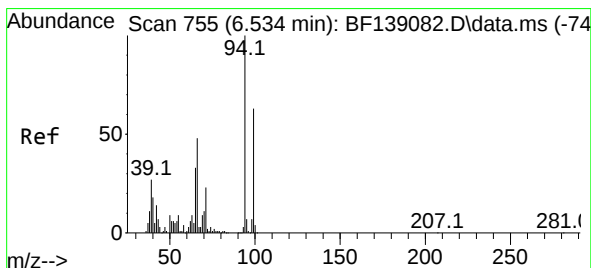
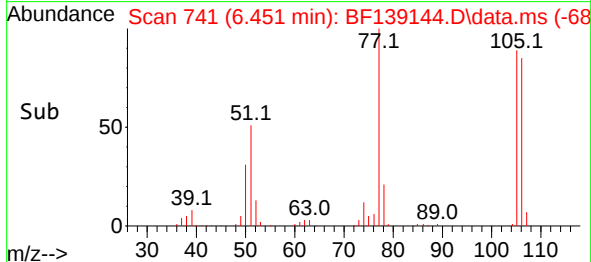
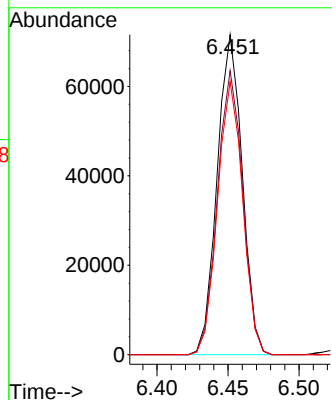
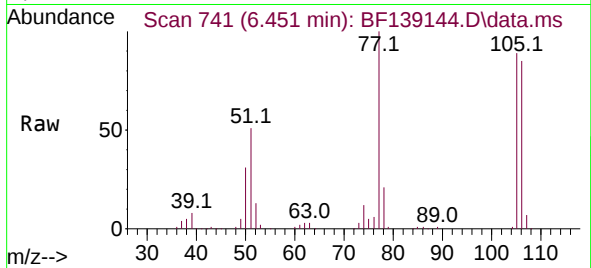
#9
Benzaldehyde
Concen: 20.384 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.005 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :
BNA_F
ClientSampleId :
20430MSD

Tgt Ion: 77 Resp: 8787
Ion Ratio Lower Upper
77 100
105 88.8 68.2 108.2
106 85.3 63.8 103.8

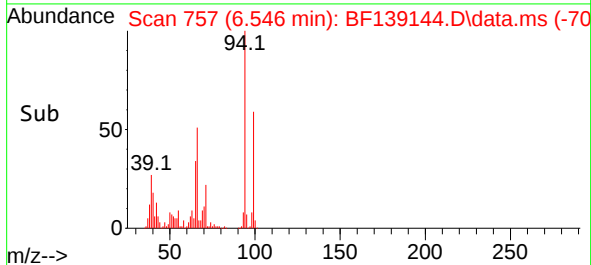
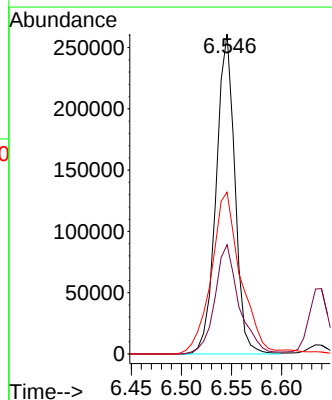
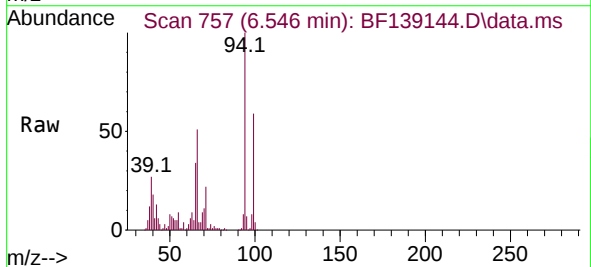
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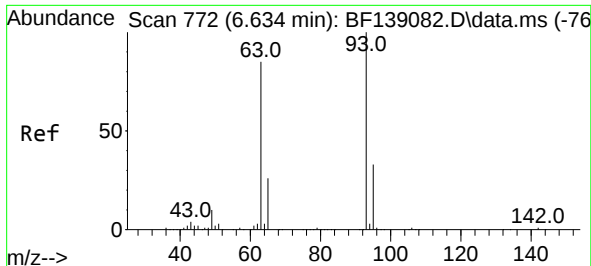
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#10
Phenol
Concen: 44.324 ng
RT: 6.546 min Scan# 757
Delta R.T. 0.012 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

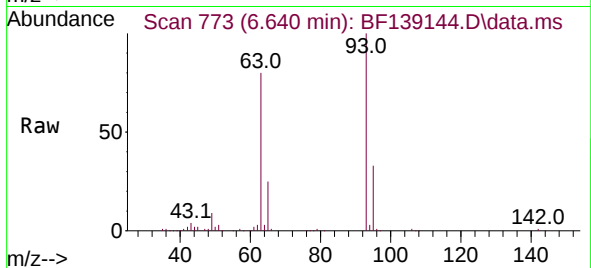
Tgt Ion: 94 Resp: 339007
Ion Ratio Lower Upper
94 100
65 34.2 13.5 53.5
66 50.6 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 45.634 ng
RT: 6.640 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

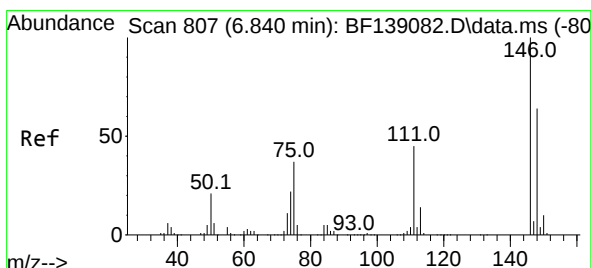
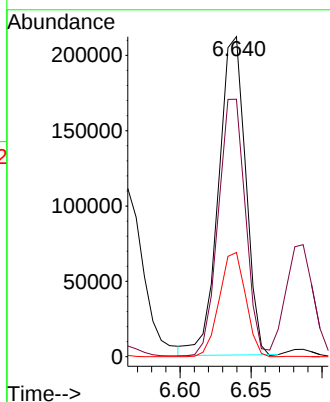
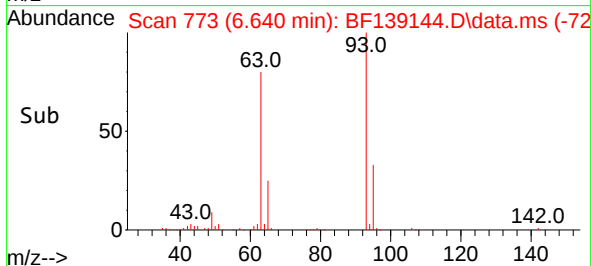
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion: 93 Resp: 28068
Ion Ratio Lower Upper
93 100
63 80.5 62.7 102.7
95 32.6 11.9 51.9

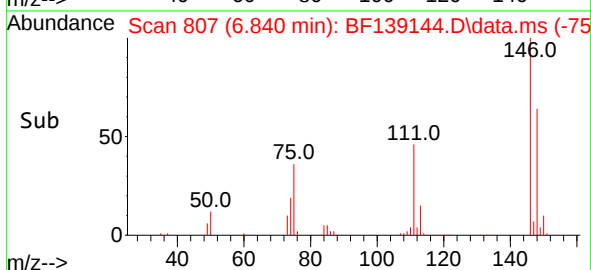
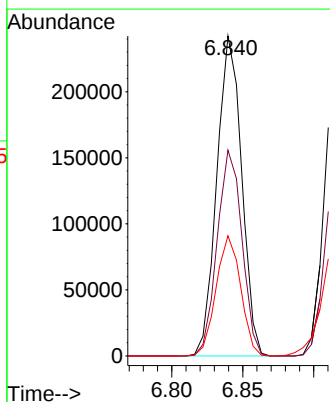
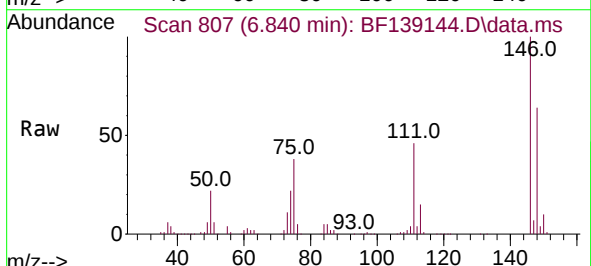
Manual Integrations
APPROVED

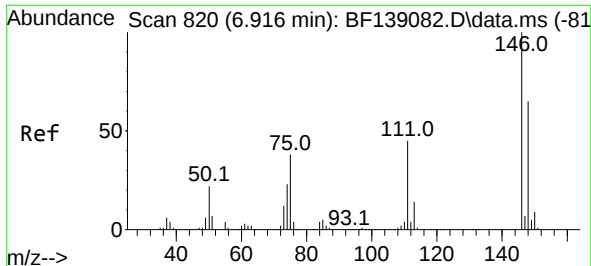
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.690 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

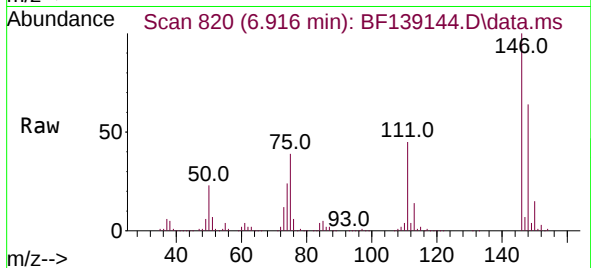
Tgt Ion:146 Resp: 294003
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 37.6 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 45.125 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

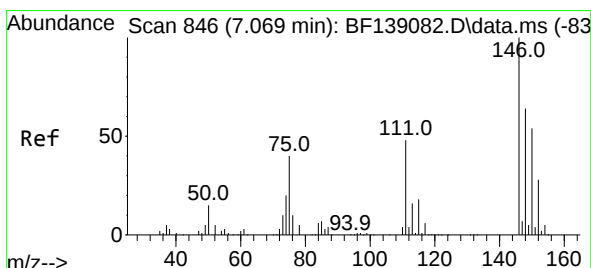
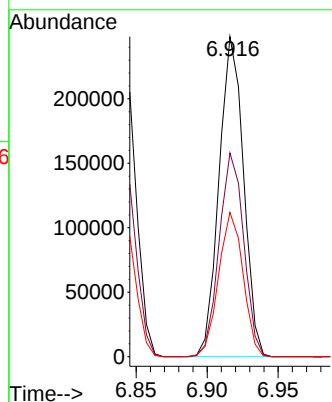
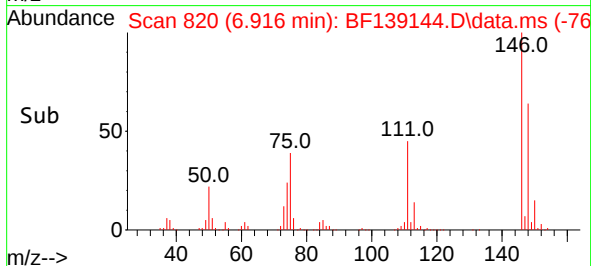
Instrument :
BNA_F
ClientSampleId :
20430MSD



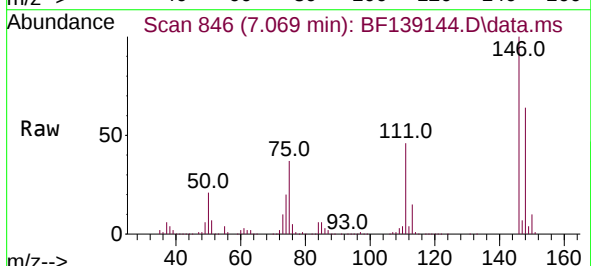
Tgt Ion:146 Resp: 296818
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 45.1 35.8 53.6

Manual Integrations
APPROVED

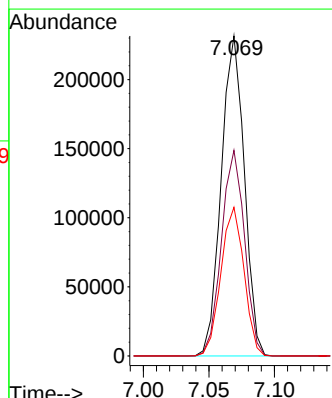
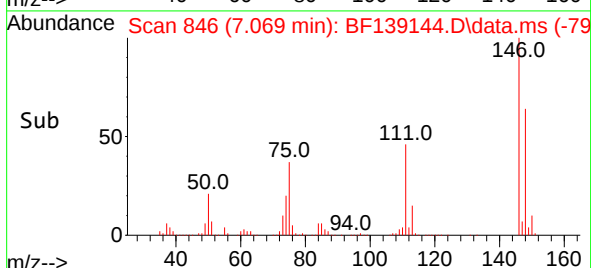
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

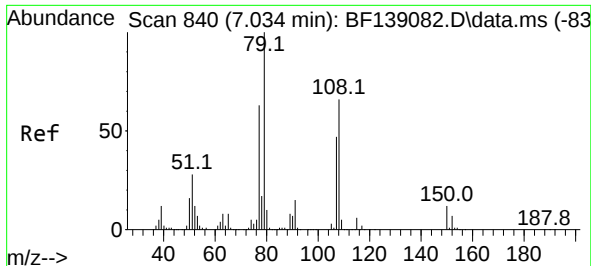


#14
1,2-Dichlorobenzene
Concen: 47.122 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



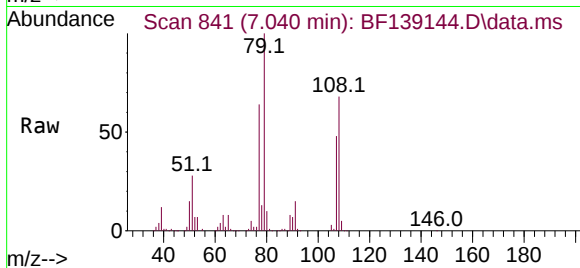
Tgt Ion:146 Resp: 283274
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 46.5 38.1 57.1





#15
Benzyl Alcohol
Concen: 49.814 ng
RT: 7.040 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

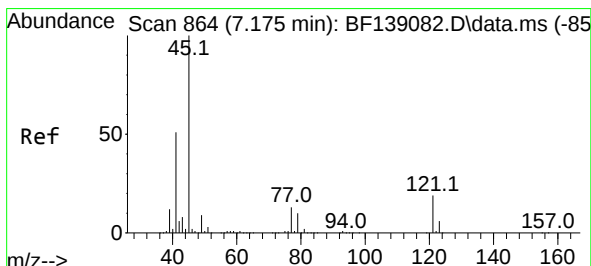
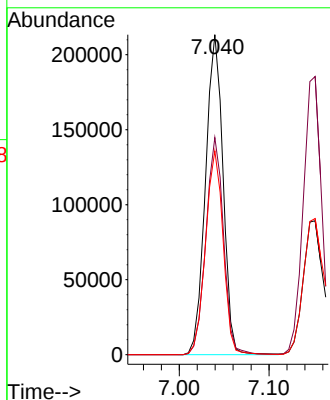
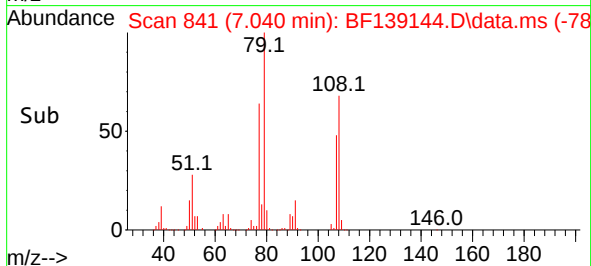
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion: 79 Resp: 289395
Ion Ratio Lower Upper
79 100
108 67.9 52.8 79.2
77 63.7 50.6 76.0

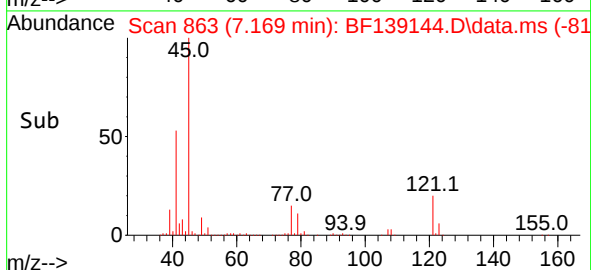
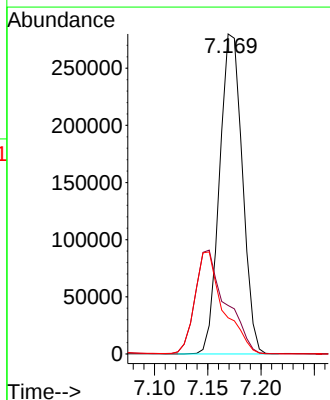
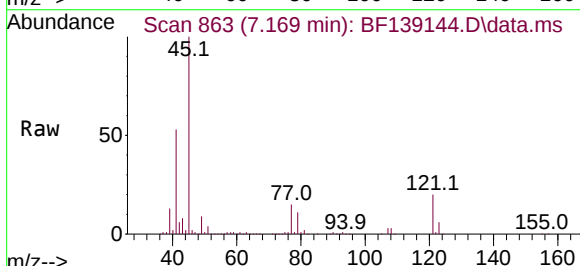
Manual Integrations
APPROVED

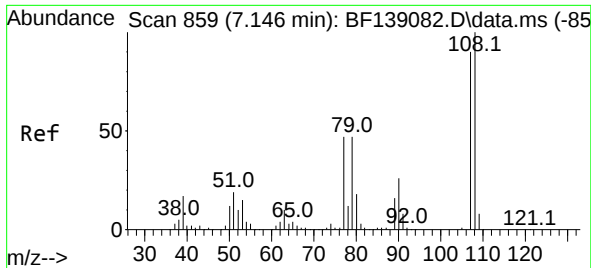
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.168 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

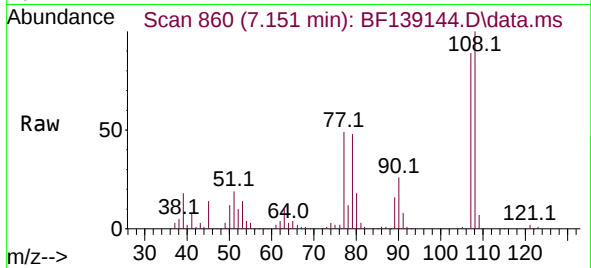
Tgt Ion: 45 Resp: 417339
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.7
79 11.3 0.0 30.4





#17
2-Methylphenol
Concen: 49.548 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

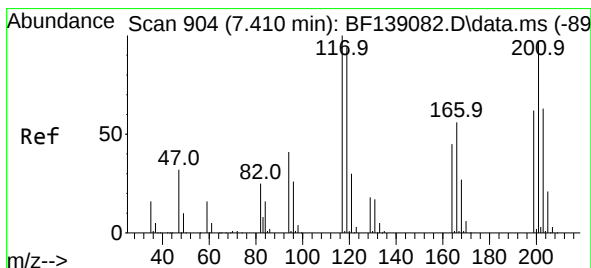
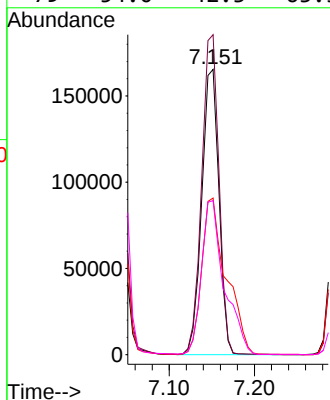
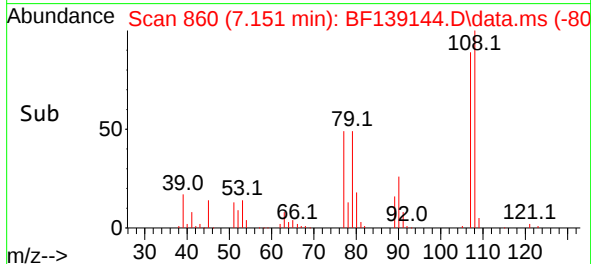
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:107 Resp: 23193
Ion Ratio Lower Upper
107 100
108 112.1 89.1 133.7
77 54.9 42.1 63.1
79 54.0 42.3 63.5

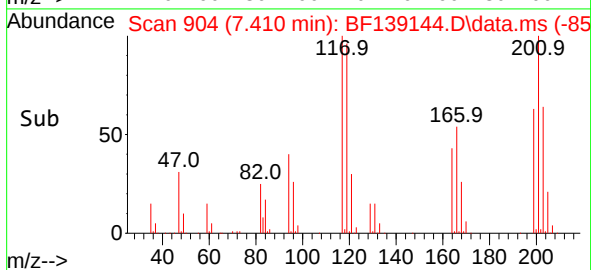
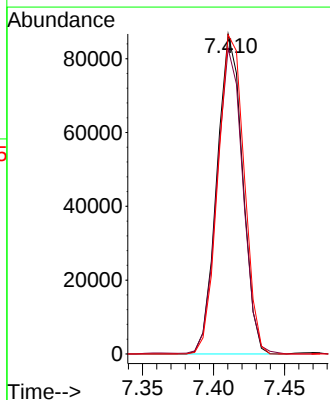
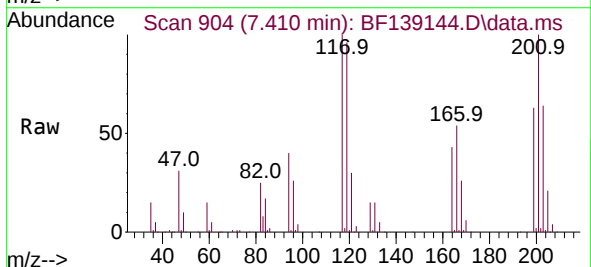
Manual Integrations
APPROVED

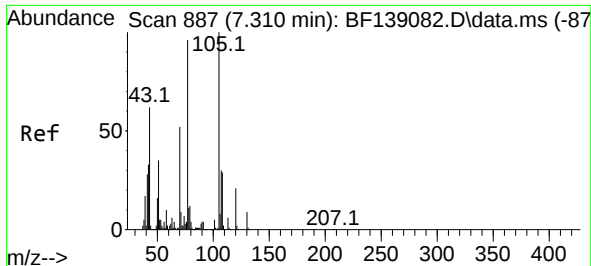
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#18
Hexachloroethane
Concen: 47.097 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

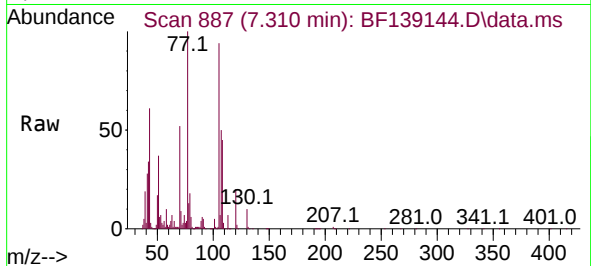
Tgt Ion:117 Resp: 108632
Ion Ratio Lower Upper
117 100
119 95.5 75.5 113.3
201 99.7 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.281 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

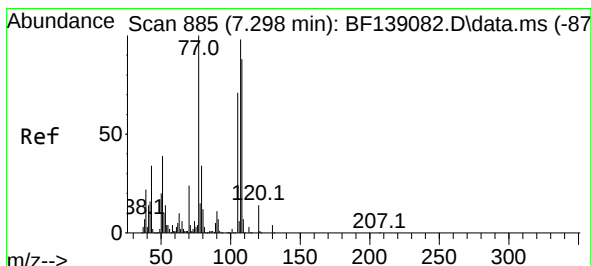
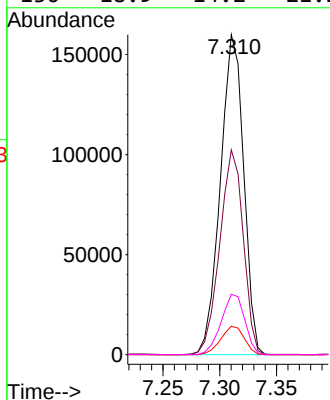
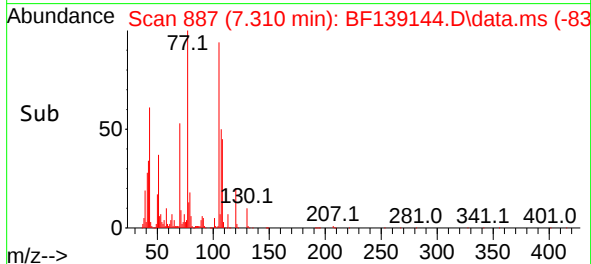
Instrument :
BNA_F
ClientSampleId :
20430MSD



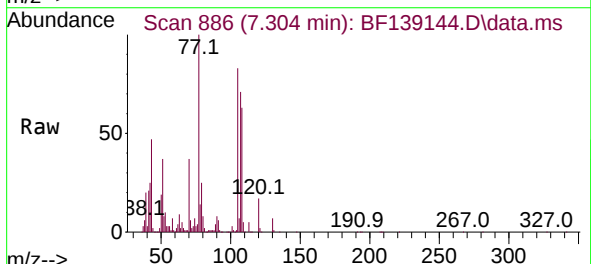
Tgt Ion: 70 Resp: 228234
Ion Ratio Lower Upper
70 100
42 64.0 50.5 75.7
101 8.9 7.2 10.8
130 18.9 14.2 21.2

Manual Integrations
APPROVED

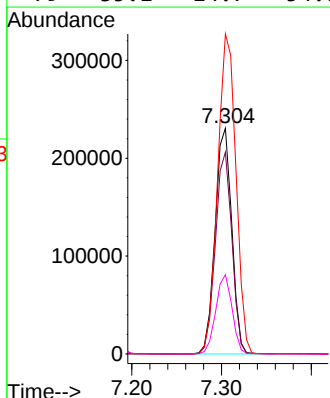
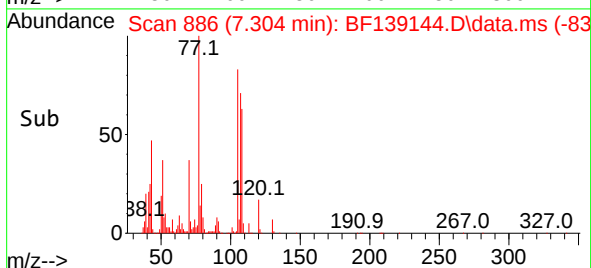
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

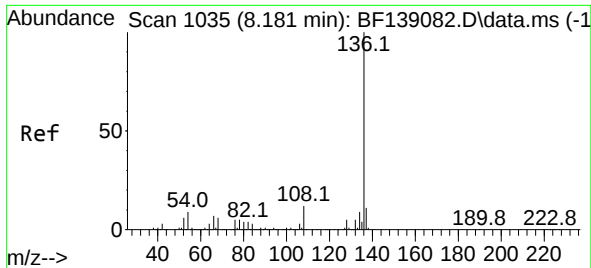


#20
3+4-Methylphenols
Concen: 49.070 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



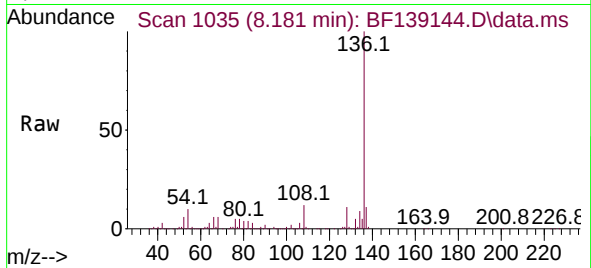
Tgt Ion:107 Resp: 297608
Ion Ratio Lower Upper
107 100
108 89.4 70.2 110.2
77 141.8 82.7 122.7#
79 35.1 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

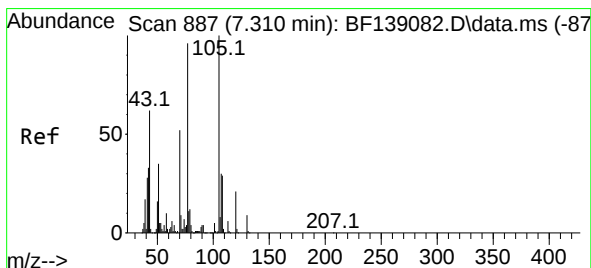
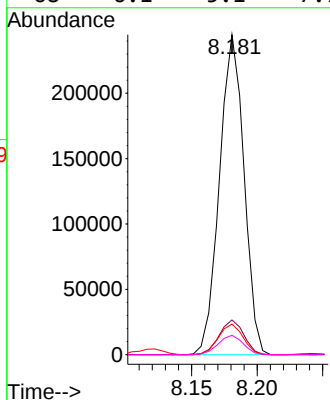
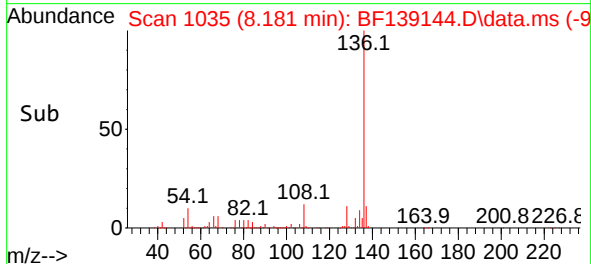
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:136 Resp: 318180
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.5 7.6 11.4
68 6.1 5.1 7.7

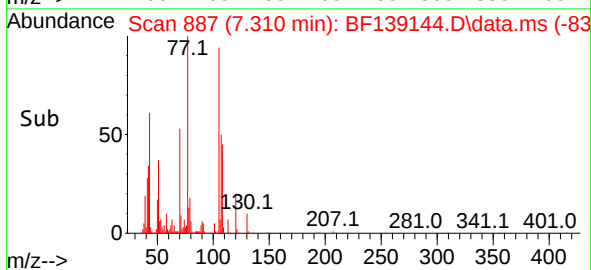
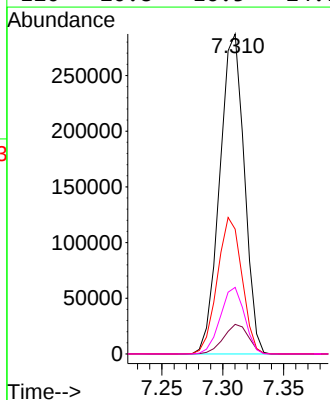
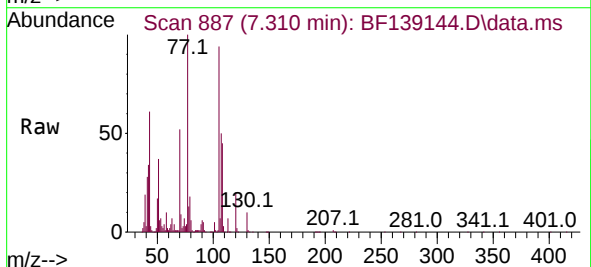
Manual Integrations
APPROVED

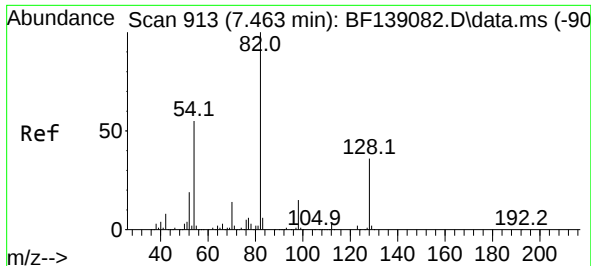
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#22
Acetophenone
Concen: 49.689 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:105 Resp: 403689
Ion Ratio Lower Upper
105 100
71 9.3 7.0 10.6
51 39.0 28.0 42.0
120 20.8 16.5 24.7





#23

Nitrobenzene-d5

Concen: 124.332 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion: 82 Resp: 67892

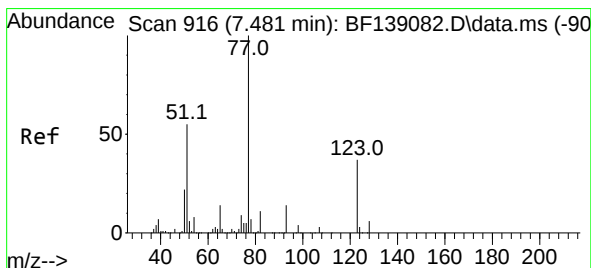
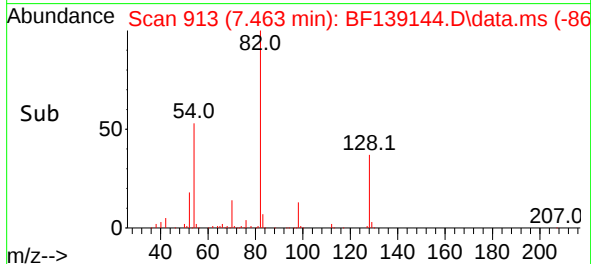
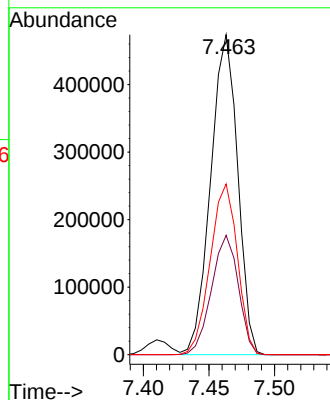
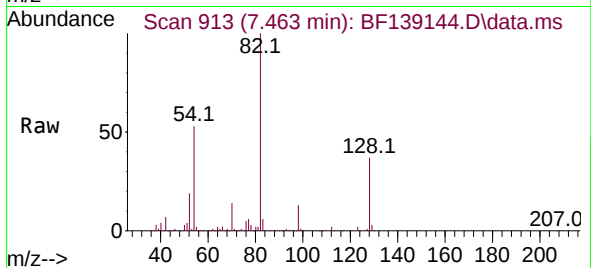
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.0	43.4
54	53.4	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#24

Nitrobenzene

Concen: 55.912 ng

RT: 7.481 min Scan# 916

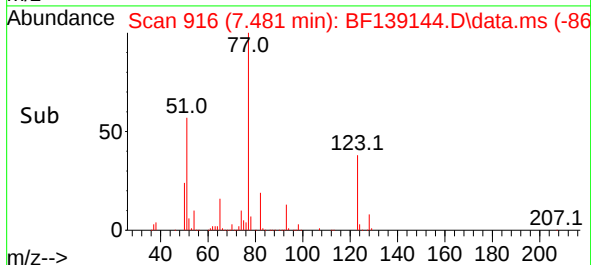
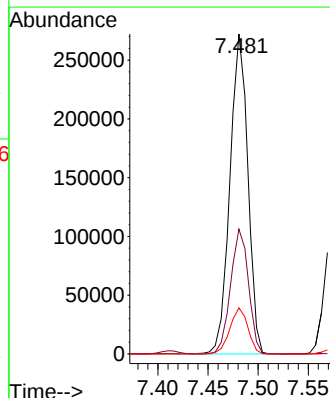
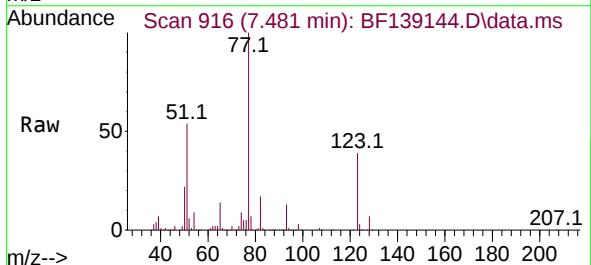
Delta R.T. -0.000 min

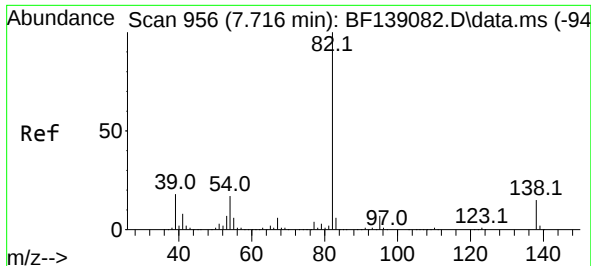
Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion: 77 Resp: 339364

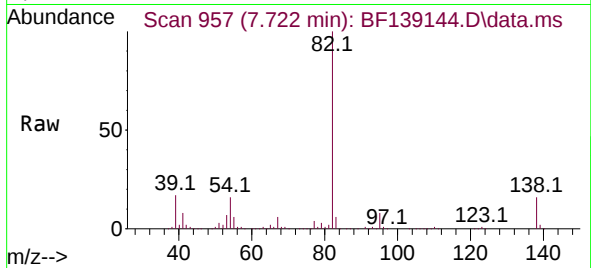
Ion	Ratio	Lower	Upper
77	100		
123	39.0	30.3	45.5
65	14.4	11.3	16.9





#25
Isophorone
Concen: 52.186 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

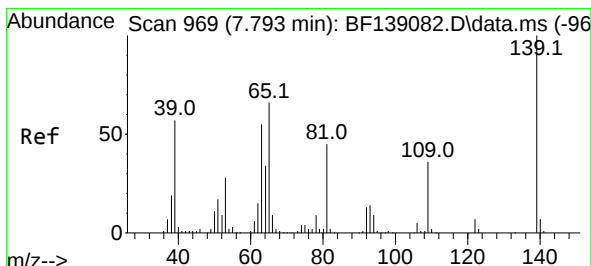
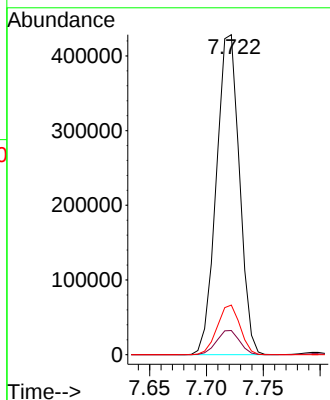
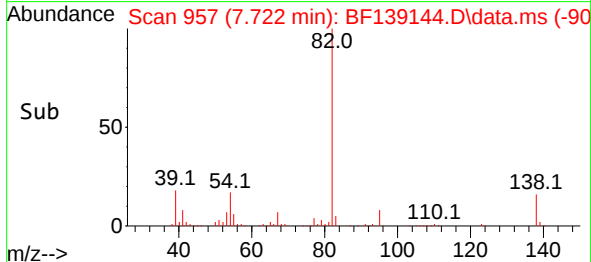
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion: 82 Resp: 60568
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.5 11.8 17.8

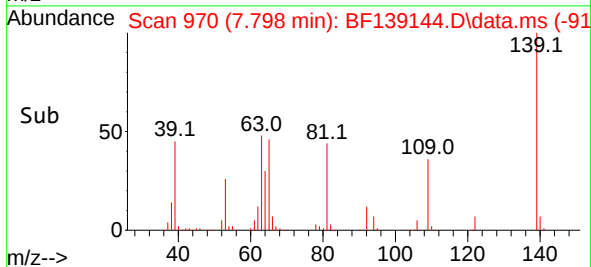
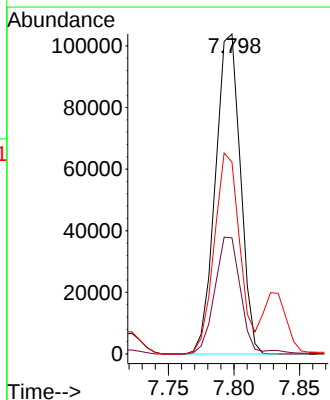
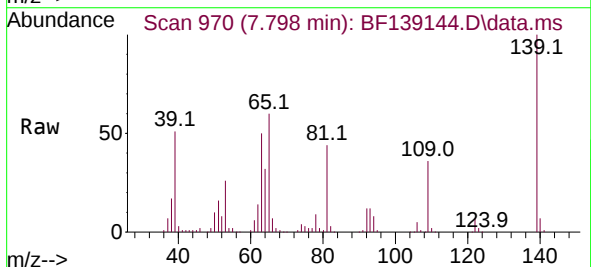
Manual Integrations
APPROVED

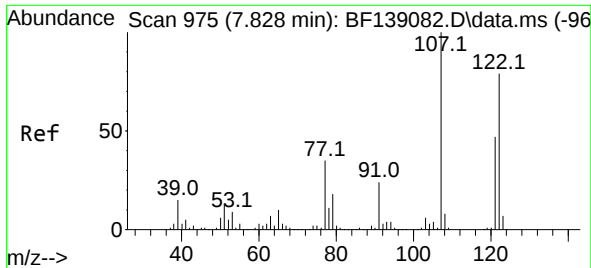
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#26
2-Nitrophenol
Concen: 63.050 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

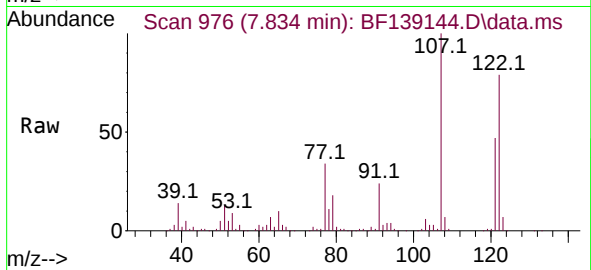
Tgt Ion:139 Resp: 137650
Ion Ratio Lower Upper
139 100
109 36.3 29.2 43.8
65 60.0 52.7 79.1





#27
2,4-Dimethylphenol
Concen: 61.528 ng
RT: 7.834 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

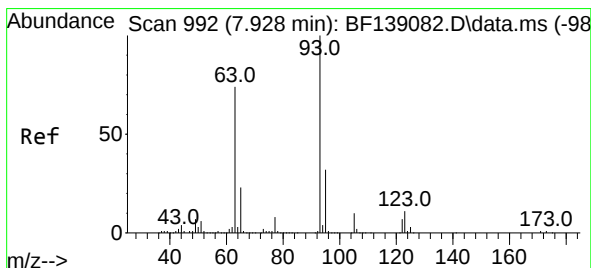
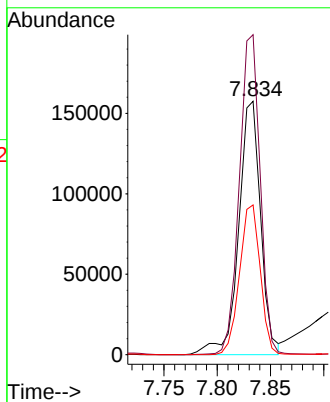
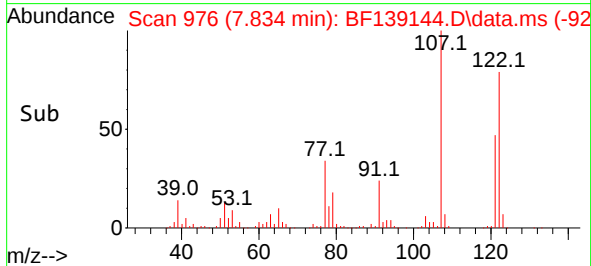
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:122 Resp: 22644
Ion Ratio Lower Upper
122 100
107 126.3 101.1 151.7
121 59.1 47.5 71.3

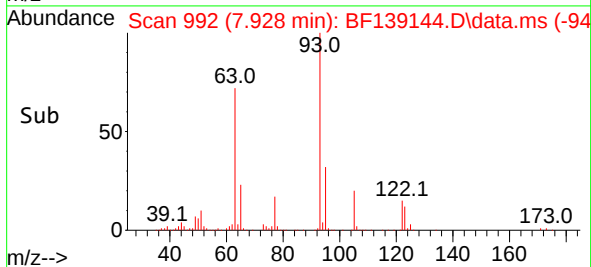
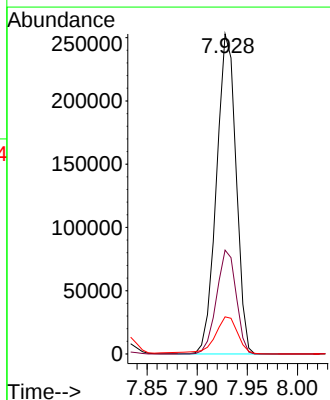
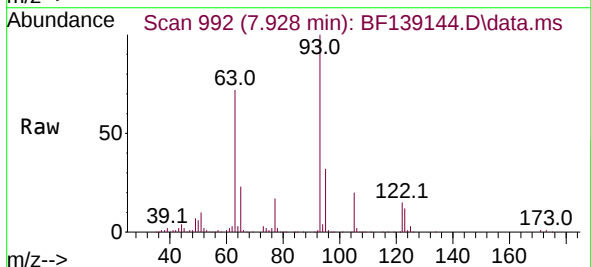
Manual Integrations
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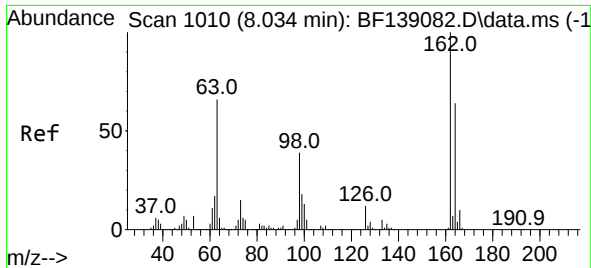
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.541 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 93 Resp: 342747
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 52.463 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

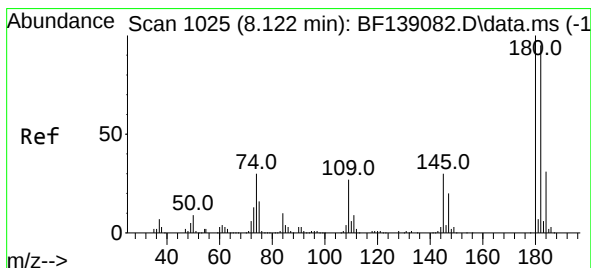
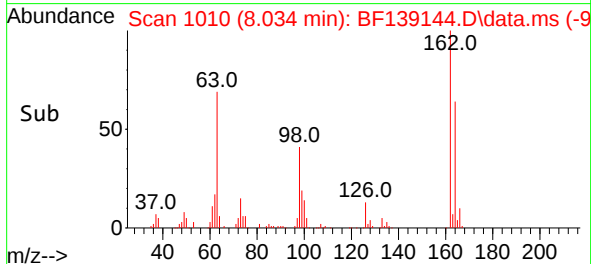
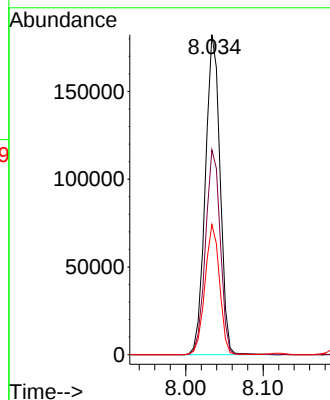
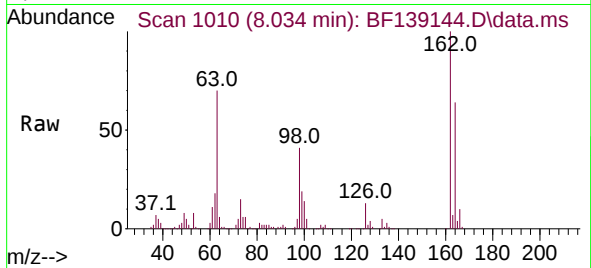
Tgt Ion:162 Resp: 240548
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.9 83.9
 98 40.7 19.7 59.7

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.229 ng

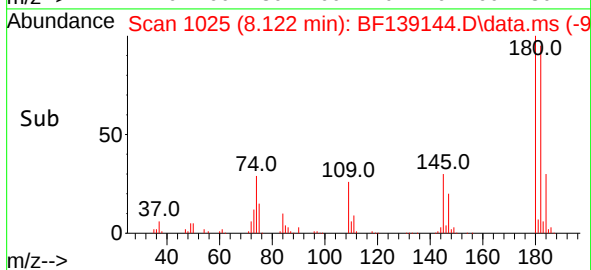
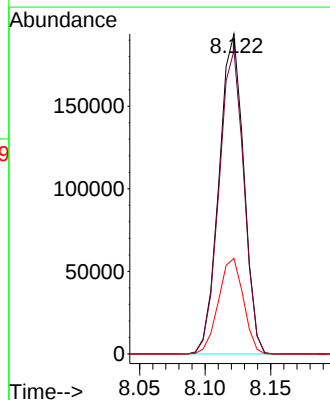
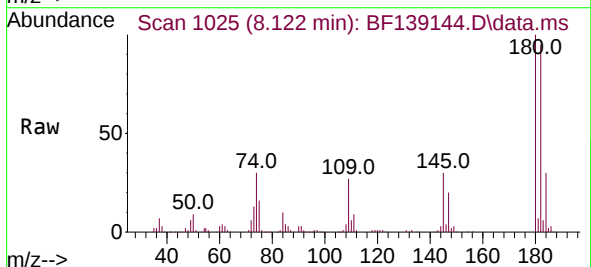
RT: 8.122 min Scan# 1025

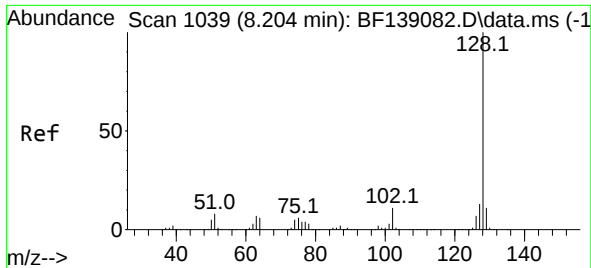
Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:180 Resp: 253566
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.1 114.1
 145 29.8 23.9 35.9





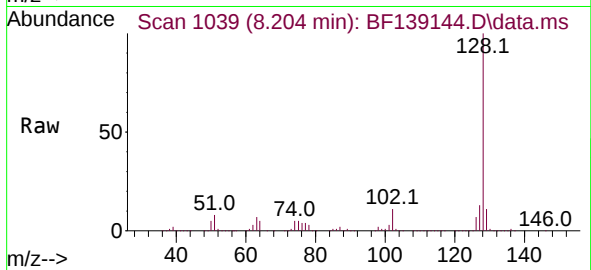
#31
Naphthalene
Concen: 49.538 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



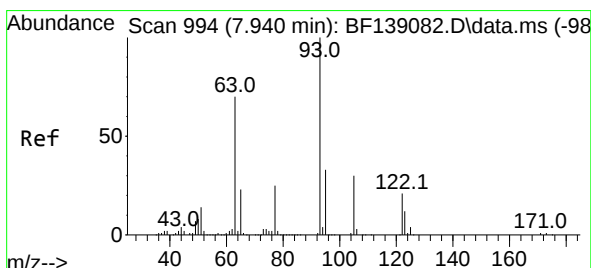
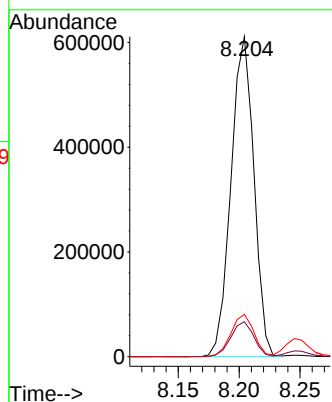
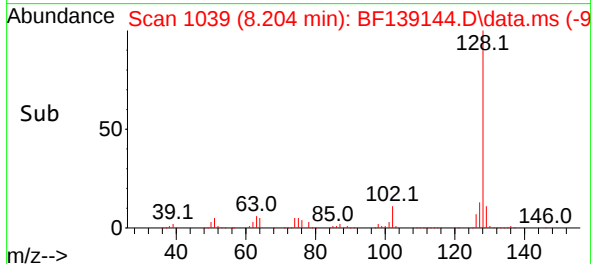
Tgt Ion:128 Resp: 79874
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.7 16.1

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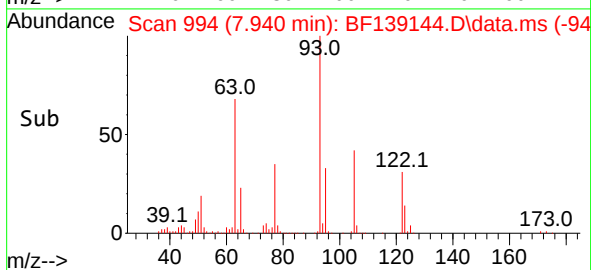
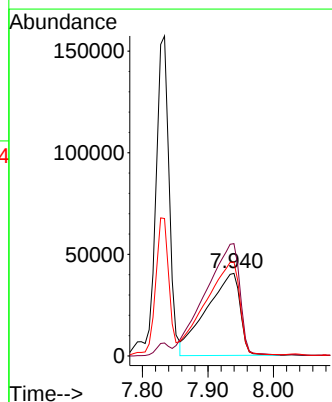
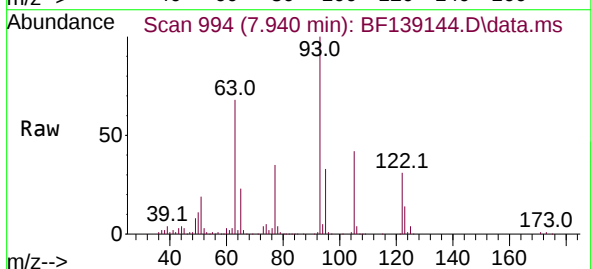
Reviewed By :Yogesh Patel 08/24/2024

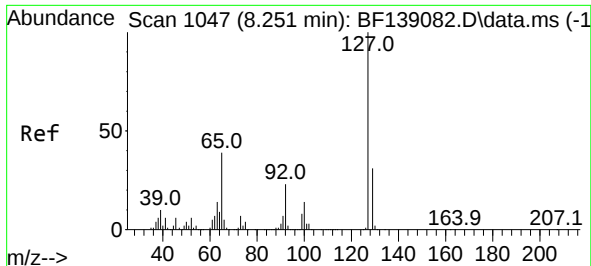
Supervised By :mohammad ahmed 08/24/2024



#32
Benzoic acid
Concen: 47.192 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

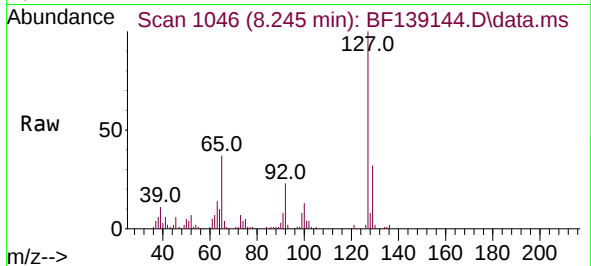
Tgt Ion:122 Resp: 144116
Ion Ratio Lower Upper
122 100
105 135.9 119.6 159.6
77 113.7 97.6 137.6





#33
4-Chloroaniline
Concen: 8.530 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

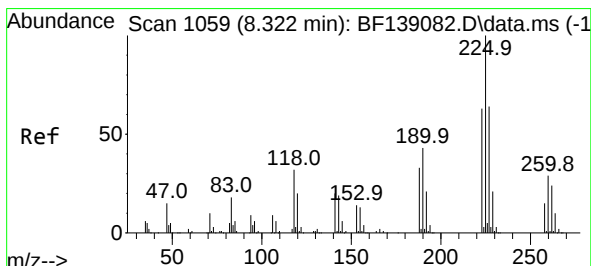
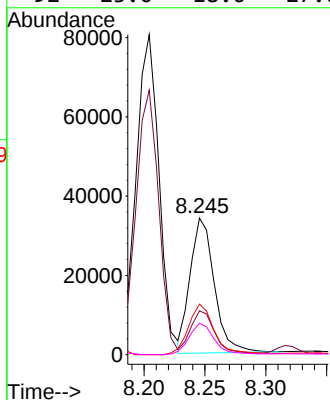
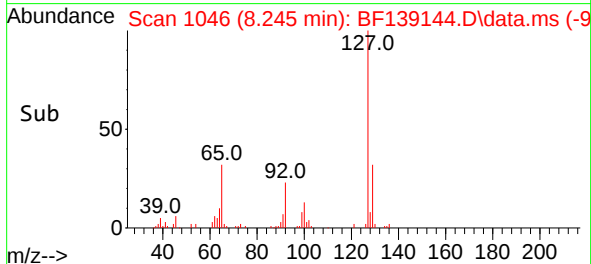
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:127 Resp: 47100
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 37.1 30.3 45.5
92 23.0 18.0 27.0

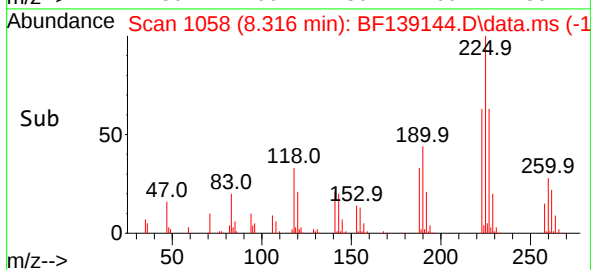
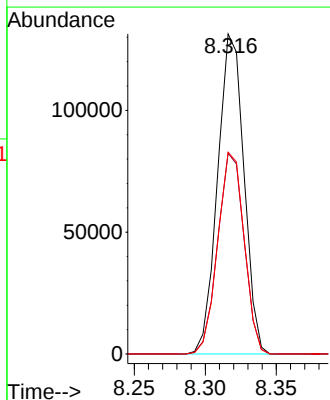
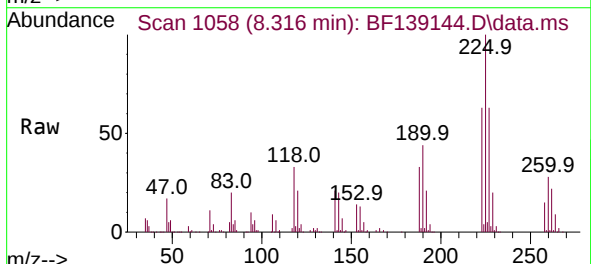
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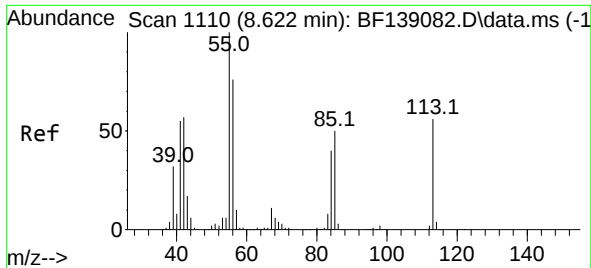
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#34
Hexachlorobutadiene
Concen: 48.255 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

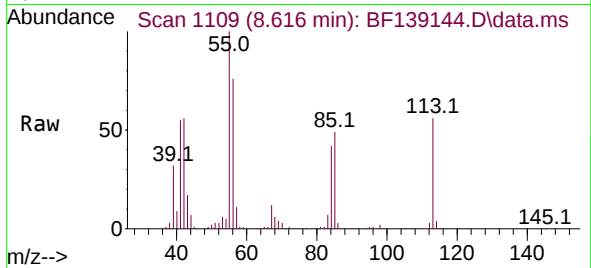
Tgt Ion:225 Resp: 169238
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 63.0 51.4 77.2





#35
Caprolactam
Concen: 37.497 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

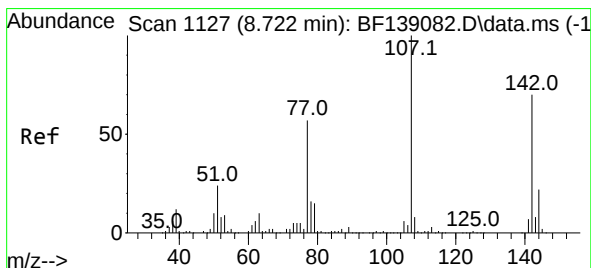
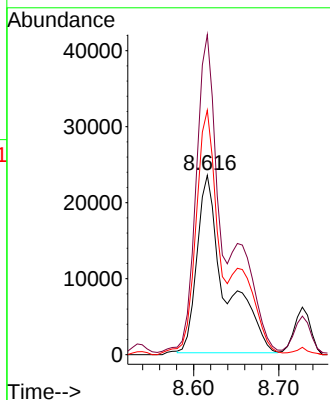
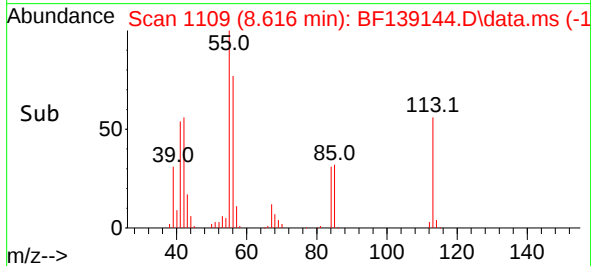
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:113 Resp: 54509
Ion Ratio Lower Upper
113 100
55 178.4 158.6 198.6
56 136.3 115.9 155.9

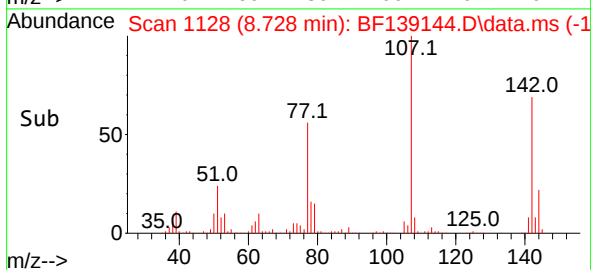
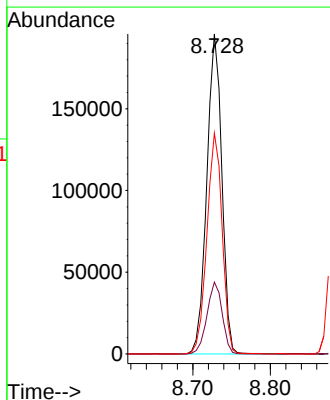
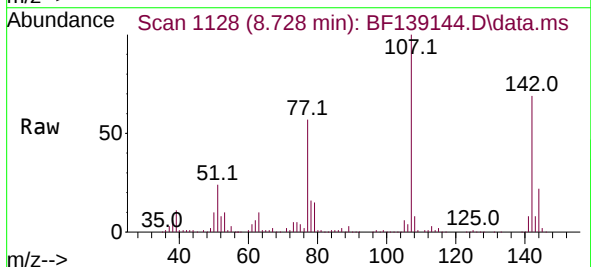
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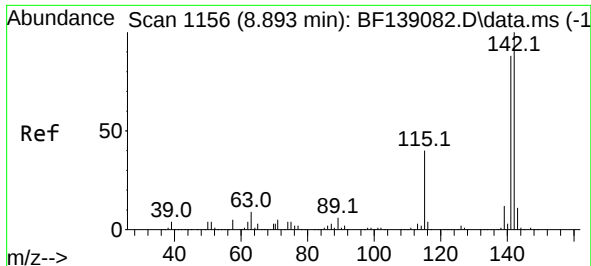
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#36
4-Chloro-3-methylphenol
Concen: 51.972 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:107 Resp: 263849
Ion Ratio Lower Upper
107 100
144 22.4 17.7 26.5
142 69.0 55.6 83.4





#37

2-Methylnaphthalene

Concen: 50.932 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:142 Resp: 526752

Ion Ratio Lower Upper

142 100

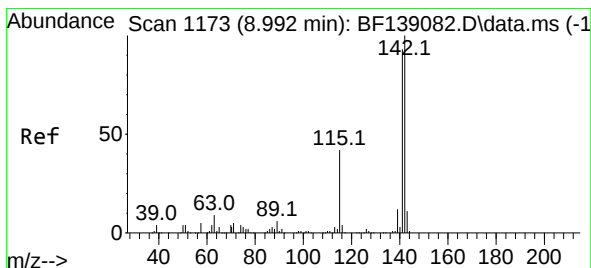
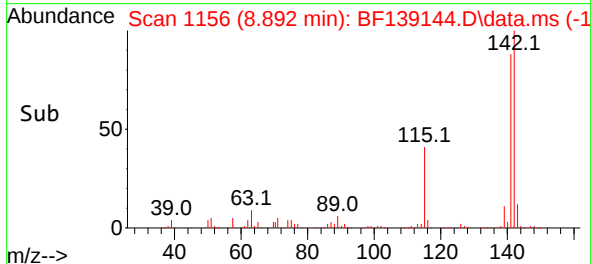
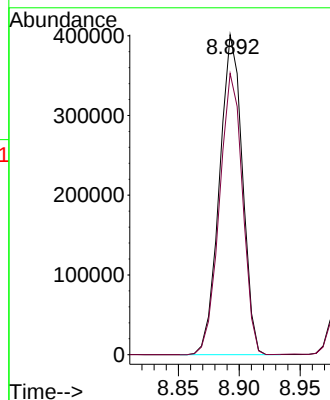
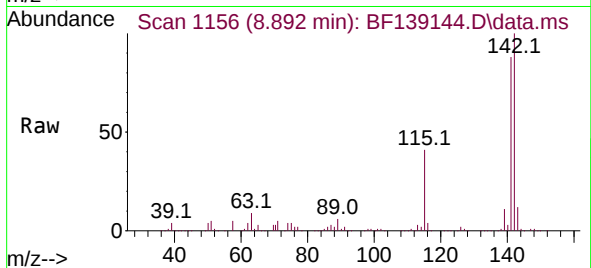
141 87.9 70.6 105.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#38

1-Methylnaphthalene

Concen: 49.119 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139144.D

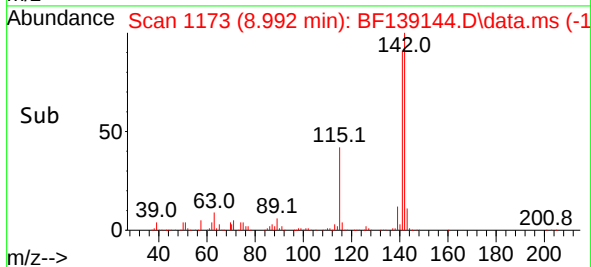
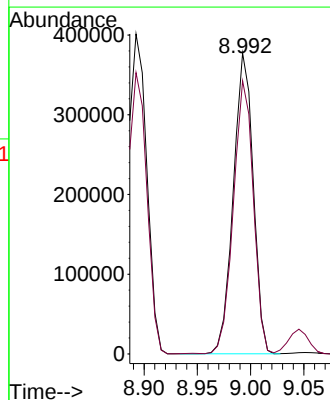
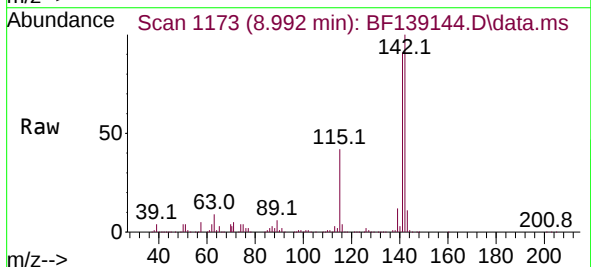
Acq: 23 Aug 2024 13:44

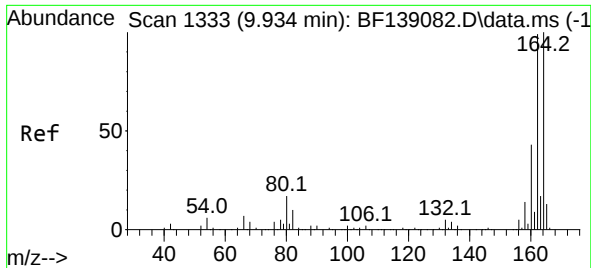
Tgt Ion:142 Resp: 490289

Ion Ratio Lower Upper

142 100

141 90.7 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1184

Delta R.T. 0.005 min

Lab File: BF139144.D

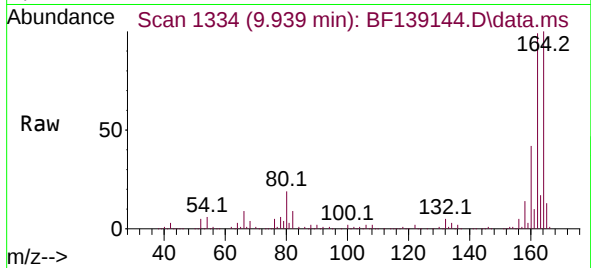
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



Tgt Ion:164 Resp: 18067

Ion Ratio Lower Upper

164 100

162 99.2 79.5 119.3

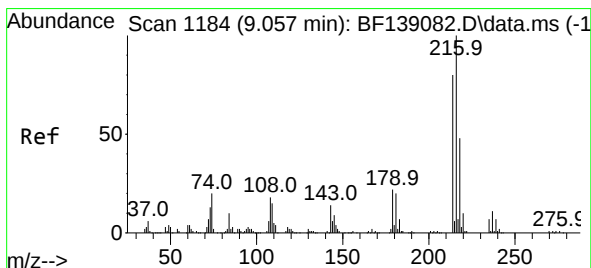
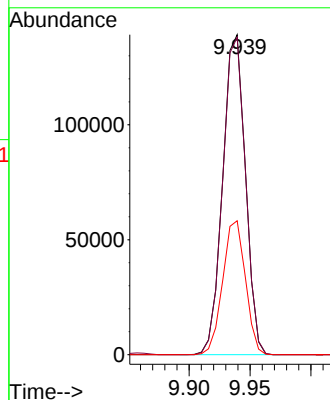
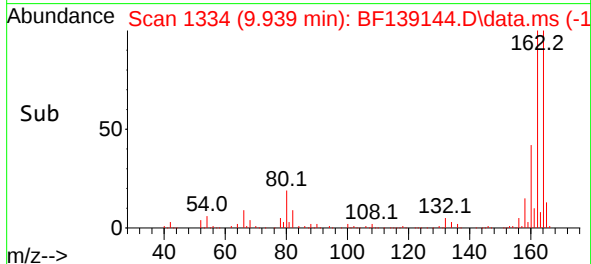
160 41.8 34.5 51.7

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Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.974 ng

RT: 9.057 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:216 Resp: 263593

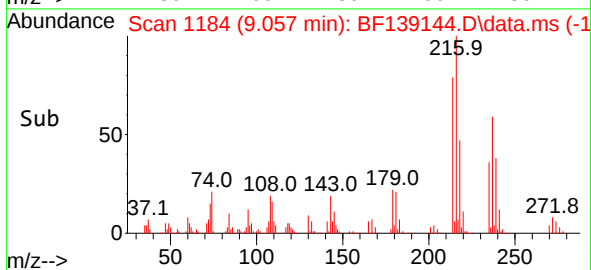
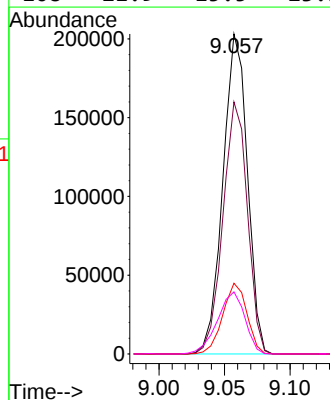
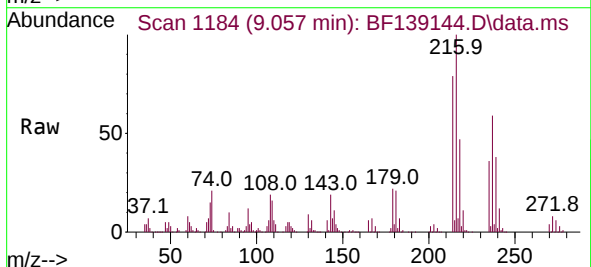
Ion Ratio Lower Upper

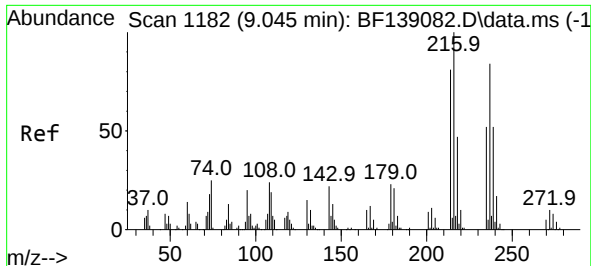
216 100

214 78.6 64.2 96.2

179 21.9 17.4 26.2

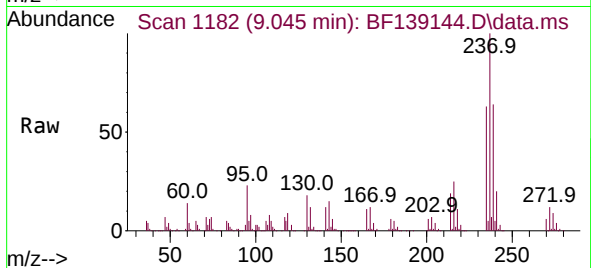
108 21.9 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 186.121 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

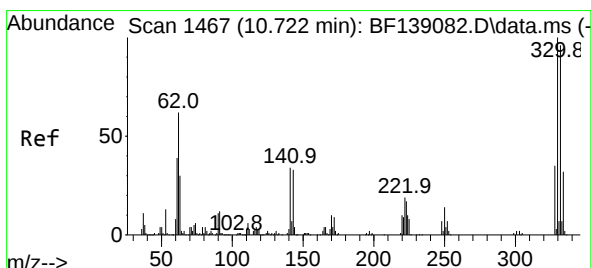
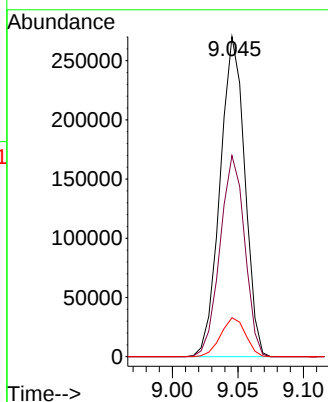
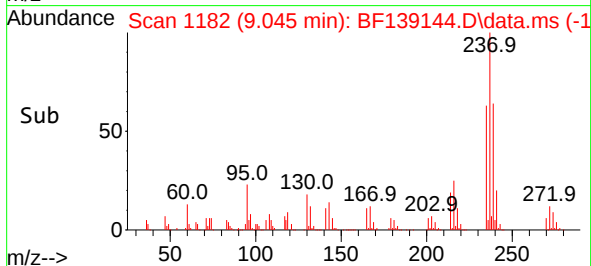
Instrument :
BNA_F
ClientSampleId :
20430MSD



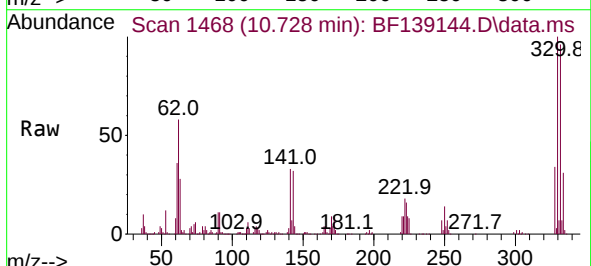
Tgt Ion:237 Resp: 353824
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 12.2 0.0 32.0

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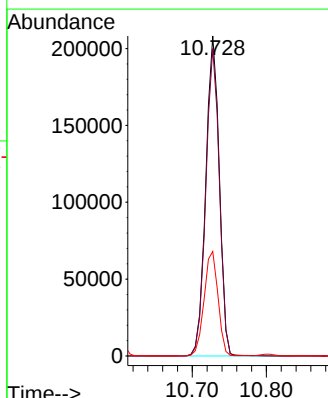
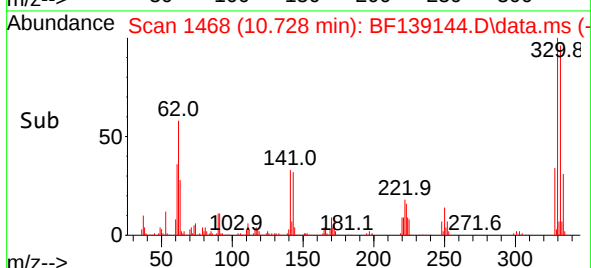
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

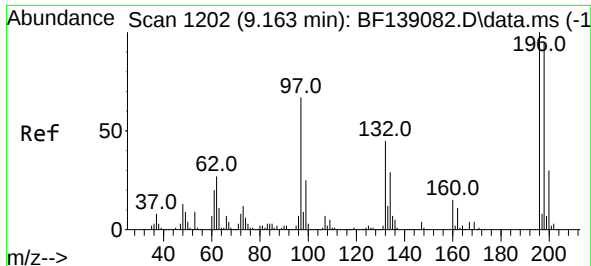


#42
2,4,6-Tribromophenol
Concen: 161.418 ng
RT: 10.728 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:330 Resp: 264013
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.6 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 53.940 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:196 Resp: 180050

Ion Ratio Lower Upper

196 100

198 96.0 76.4 114.6

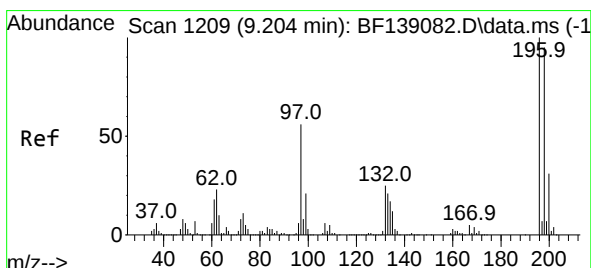
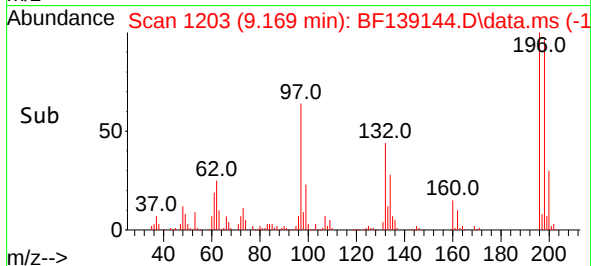
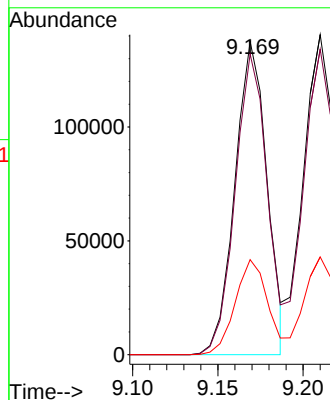
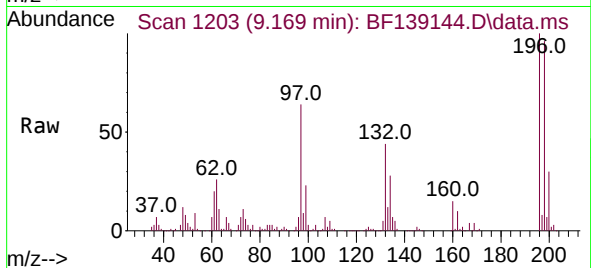
200 30.3 23.8 35.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#44

2,4,5-Trichlorophenol

Concen: 53.716 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:196 Resp: 184046

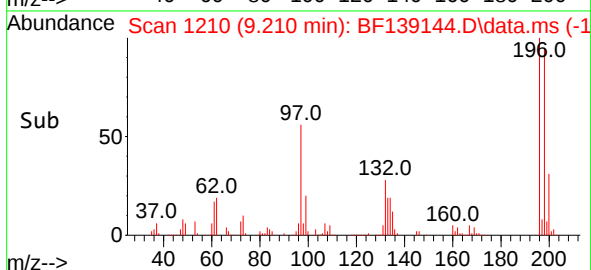
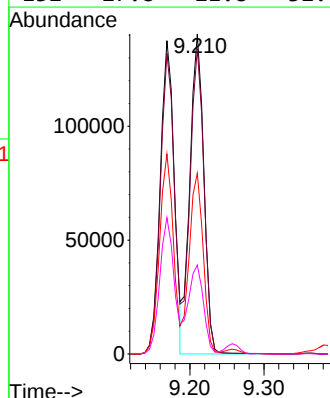
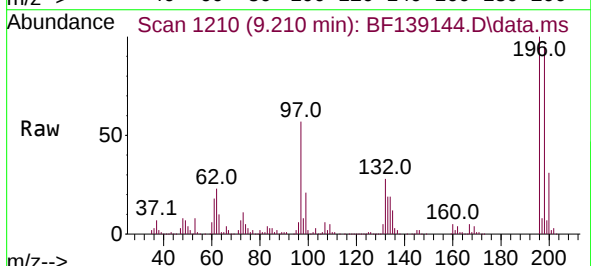
Ion Ratio Lower Upper

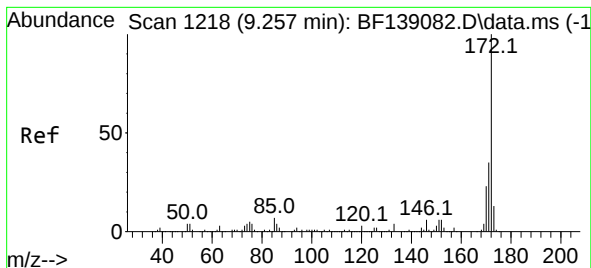
196 100

198 95.4 76.6 114.8

97 56.5 44.6 67.0

132 27.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 101.200 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:172 Resp: 1152384

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

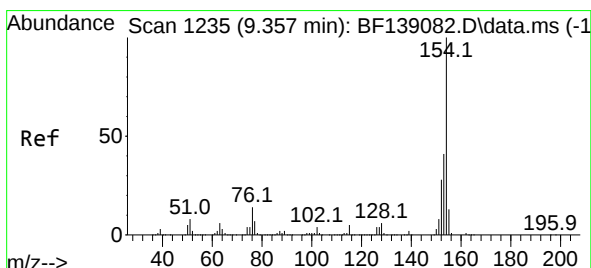
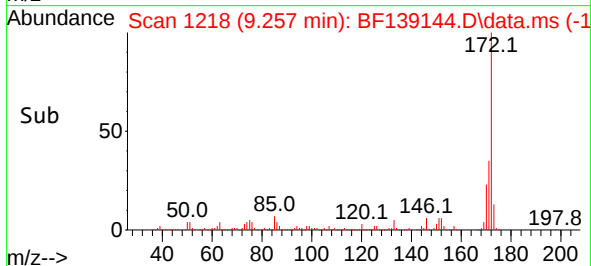
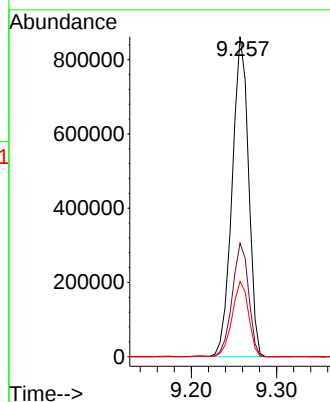
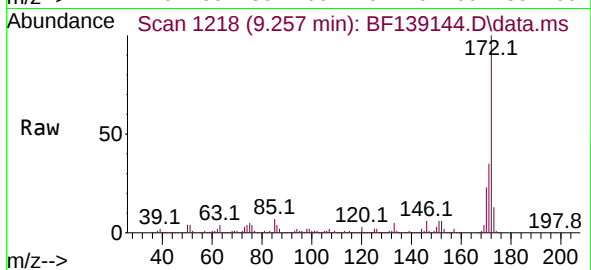
170 23.5 18.8 28.2

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#46

1,1'-Biphenyl

Concen: 52.519 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

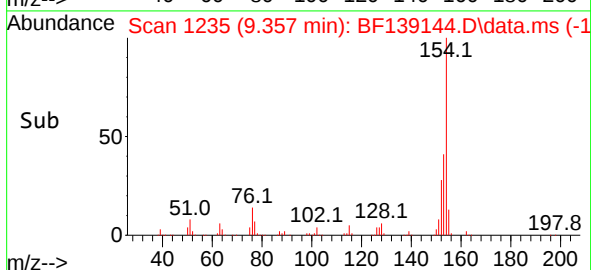
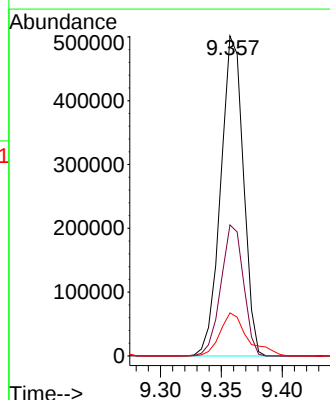
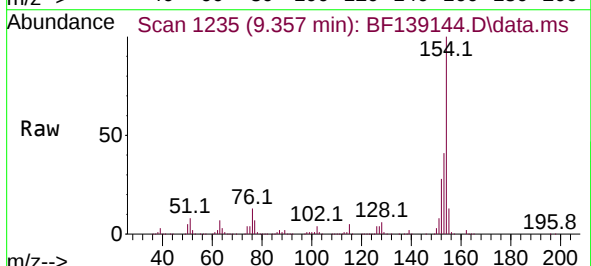
Tgt Ion:154 Resp: 649988

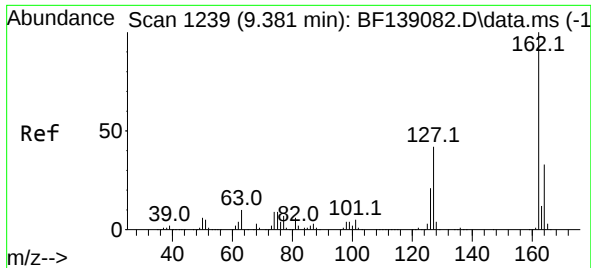
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.5 0.0 33.6





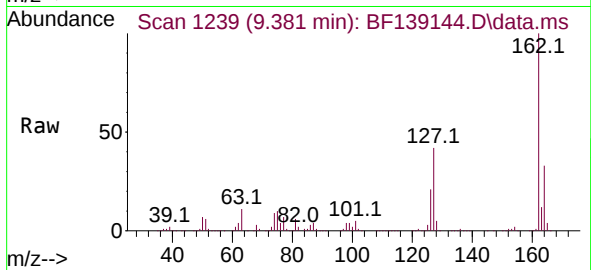
#47
2-Chloronaphthalene
Concen: 50.547 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



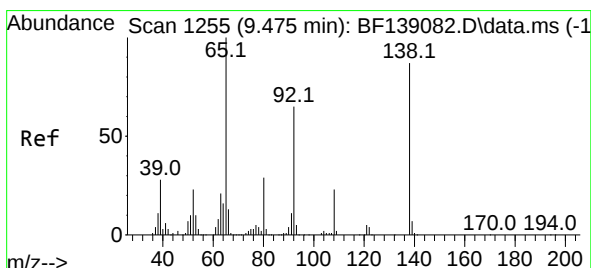
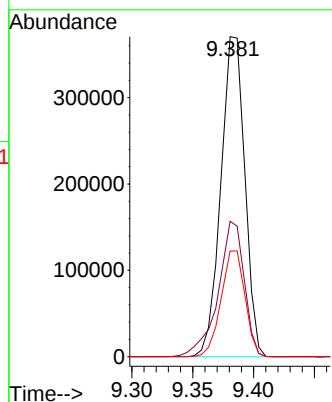
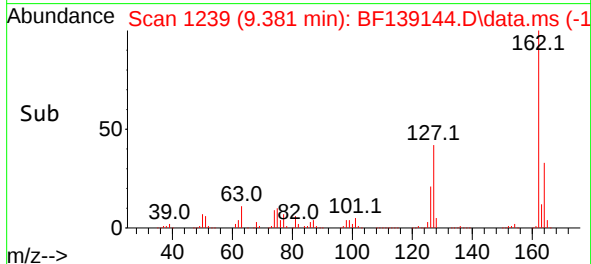
Tgt Ion:162 Resp: 508312
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 33.0 26.3 39.5

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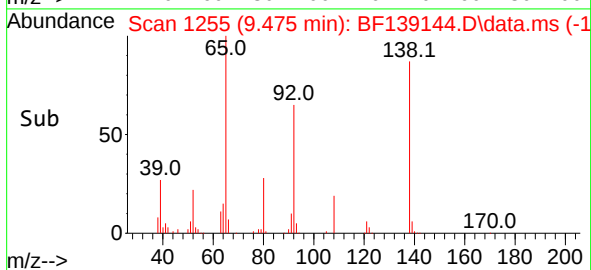
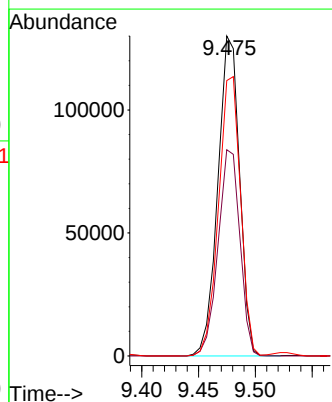
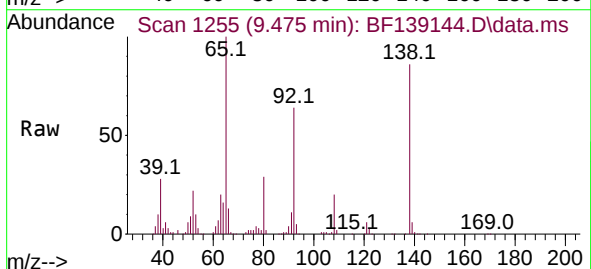
Reviewed By :Yogesh Patel 08/24/2024

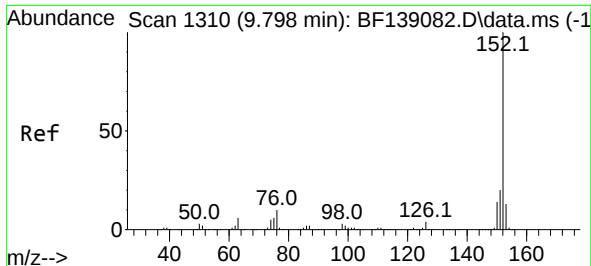
Supervised By :mohammad ahmed 08/24/2024



#48
2-Nitroaniline
Concen: 58.700 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 65 Resp: 173304
Ion Ratio Lower Upper
65 100
92 64.4 52.4 78.6
138 86.0 69.4 104.0





#49

Acenaphthylene

Concen: 54.933 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:152 Resp: 791339

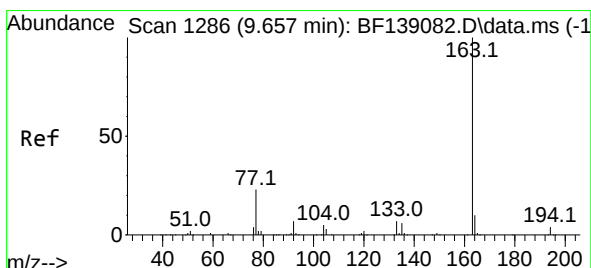
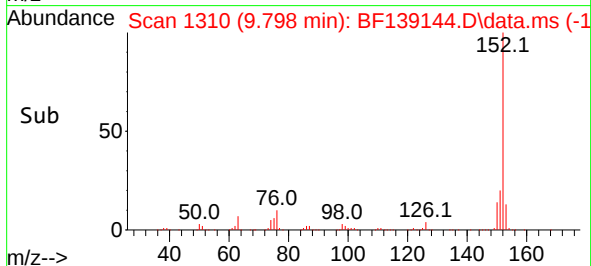
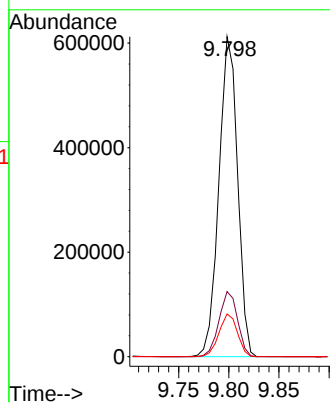
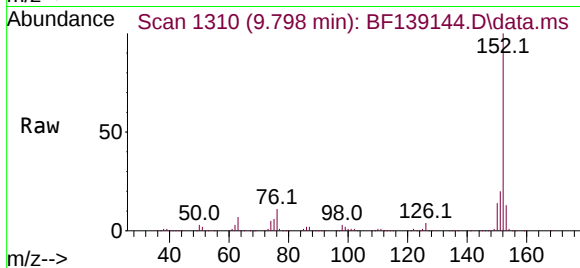
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.3	10.6	15.8

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#50

Dimethylphthalate

Concen: 53.623 ng

RT: 9.663 min Scan# 1287

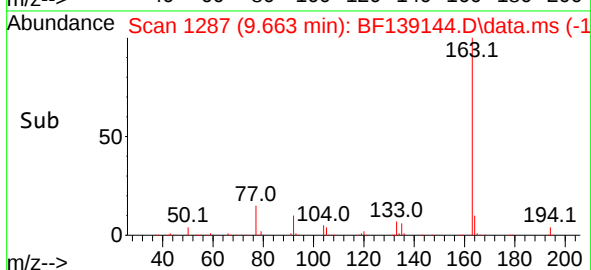
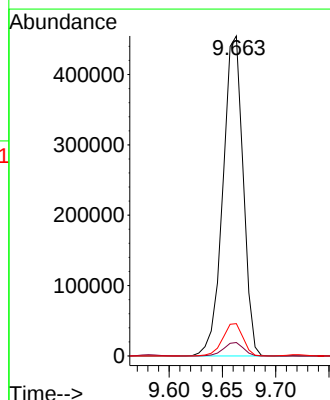
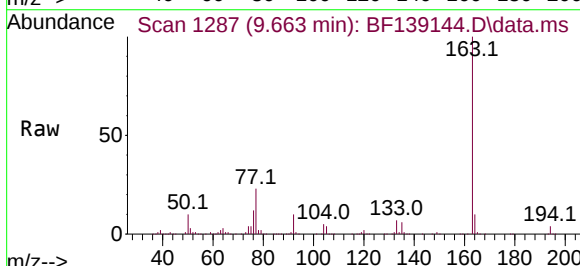
Delta R.T. 0.006 min

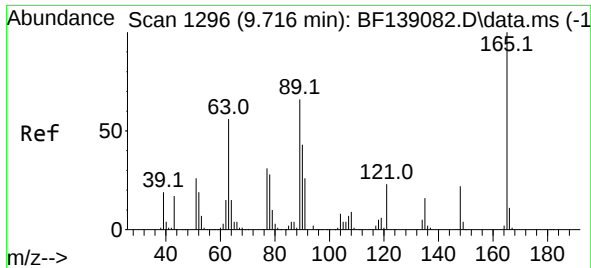
Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:163 Resp: 598108

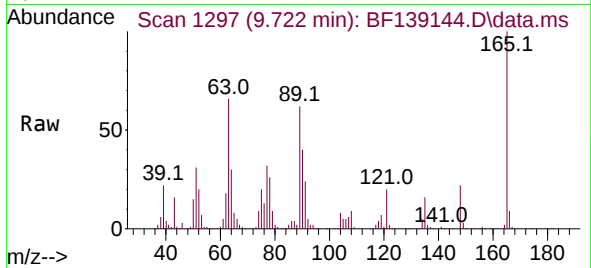
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 55.754 ng
RT: 9.722 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

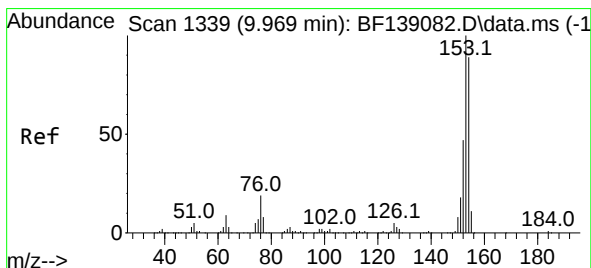
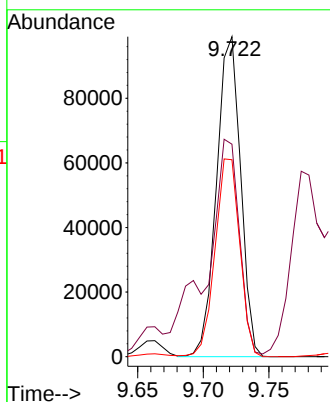
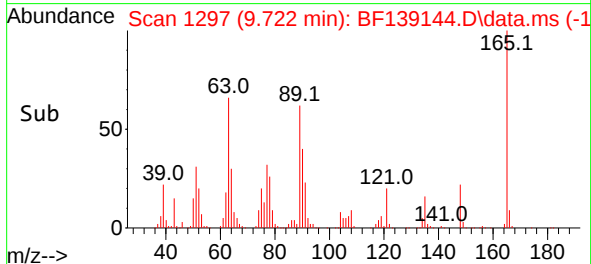
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:165 Resp: 126539
Ion Ratio Lower Upper
165 100
63 66.4 58.0 87.0
89 61.5 53.3 79.9

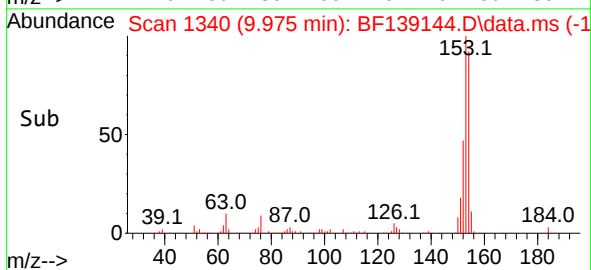
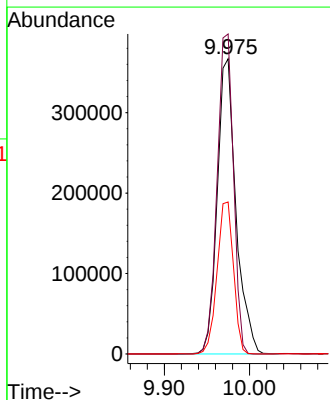
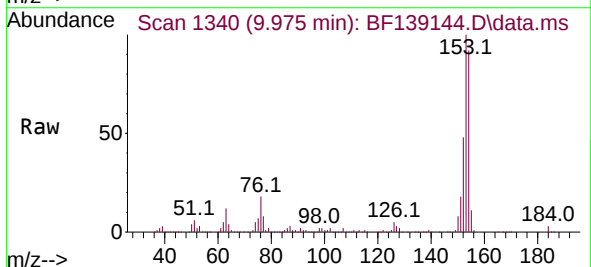
Manual Integrations
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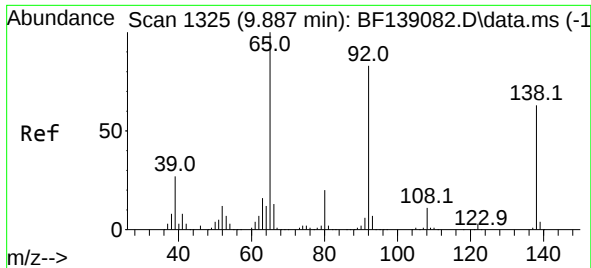
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#52
Acenaphthene
Concen: 59.199 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:154 Resp: 563326
Ion Ratio Lower Upper
154 100
153 108.4 89.7 134.5
152 51.5 42.3 63.5





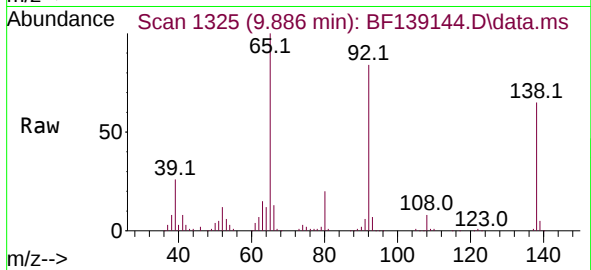
#53
3-Nitroaniline
Concen: 32.948 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



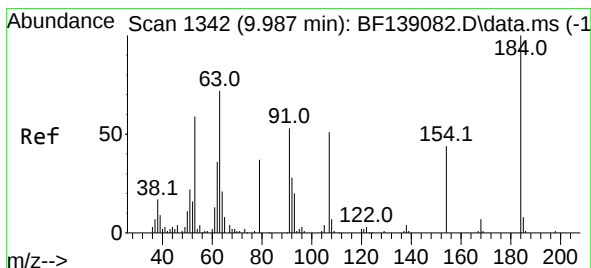
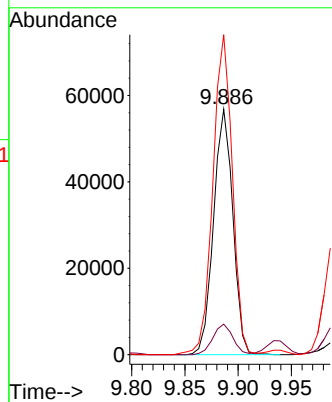
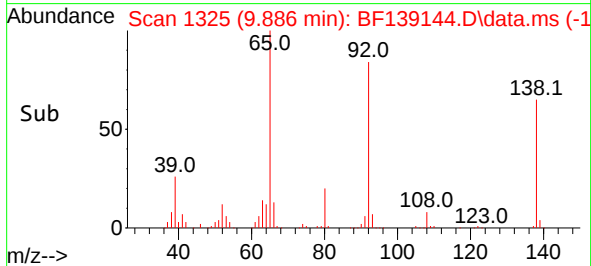
Tgt Ion:138 Resp: 71340
Ion Ratio Lower Upper
138 100
108 12.4 14.6 21.8
92 130.4 105.9 158.9

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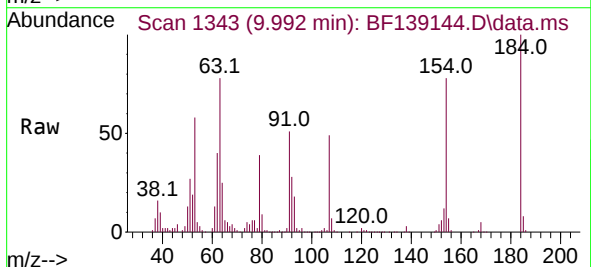
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Reviewed By :Yogesh Patel 08/24/2024

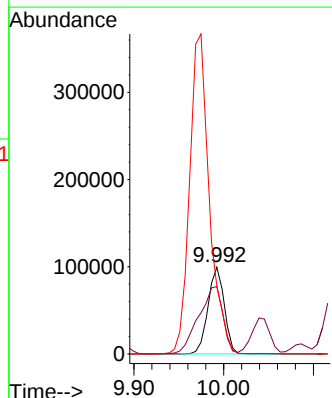
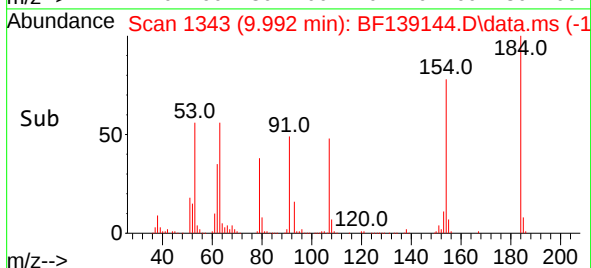
Supervised By :mohammad ahmed 08/24/2024

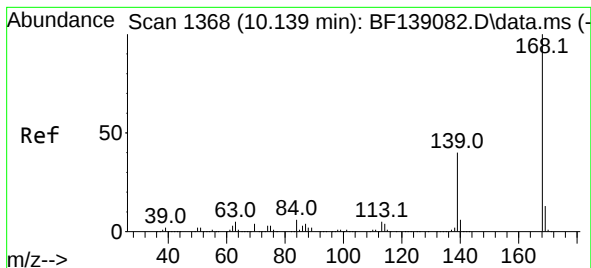


#54
2,4-Dinitrophenol
Concen: 106.623 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:184 Resp: 124941
Ion Ratio Lower Upper
184 100
63 77.7 70.5 105.7
154 78.4 135.0 202.6





#55

Dibenzenofuran

Concen: 51.739 ng

RT: 10.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:168 Resp: 71511

Ion Ratio Lower Upper

168 100

139 39.8 31.6 47.4

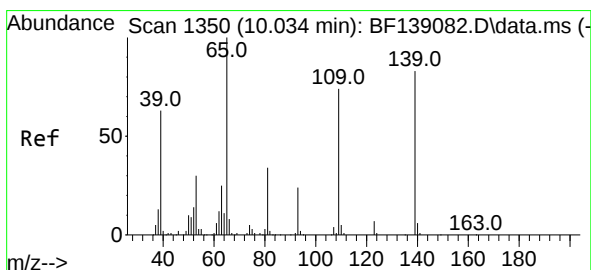
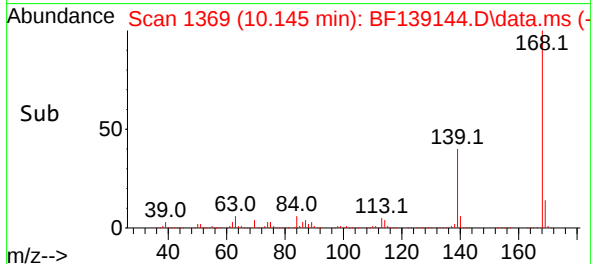
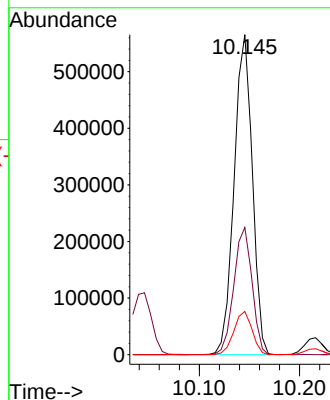
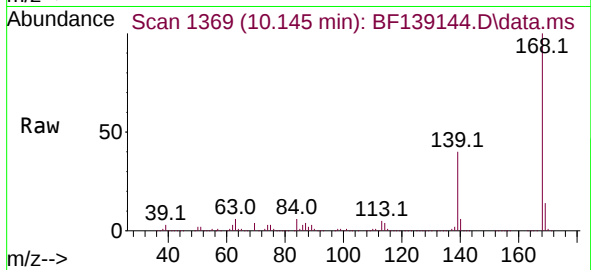
169 13.5 10.7 16.1

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Supervised By :mohammad ahmed 08/24/2024



#56

4-Nitrophenol

Concen: 92.751 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

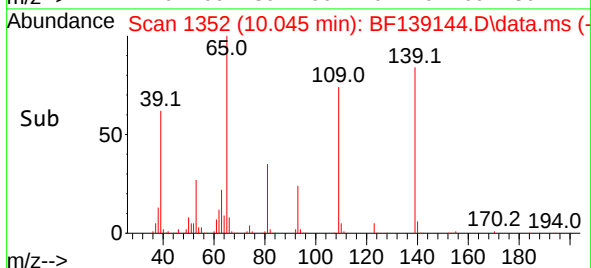
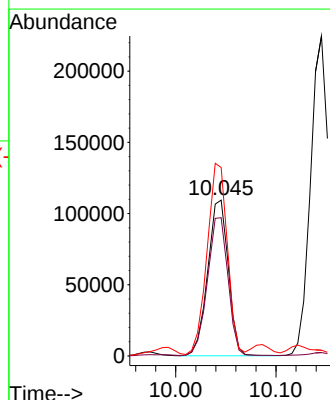
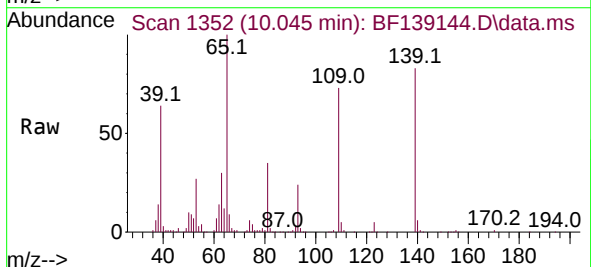
Tgt Ion:139 Resp: 156378

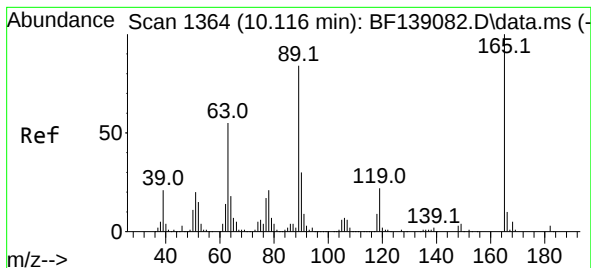
Ion Ratio Lower Upper

139 100

109 88.7 68.8 108.8

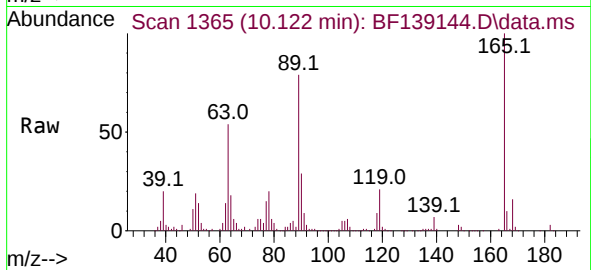
65 120.9 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 57.419 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

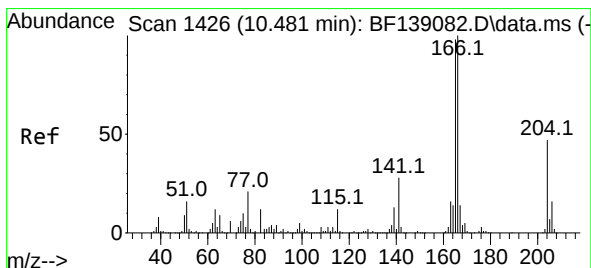
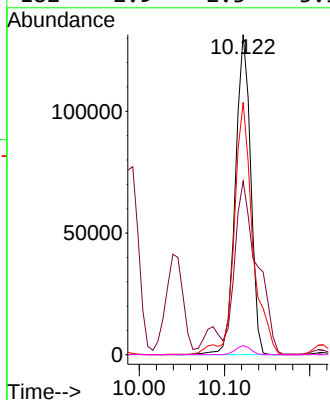
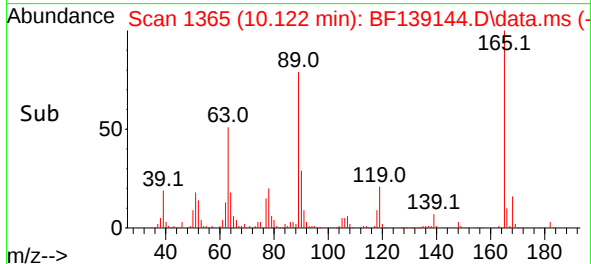
Instrument :
BNA_F
ClientSampleId :
20430MSD



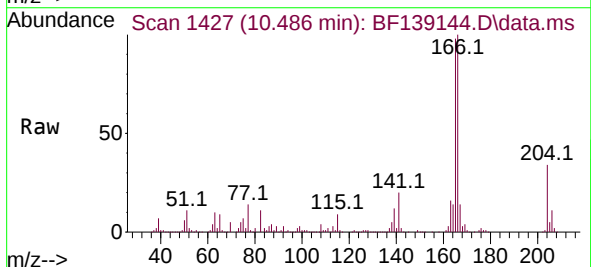
Tgt Ion:165 Resp: 164500
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.4
89 78.8 67.4 101.2
182 2.9 2.3 3.5

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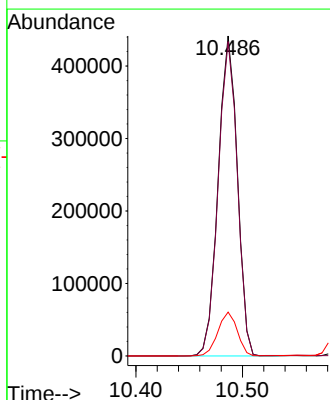
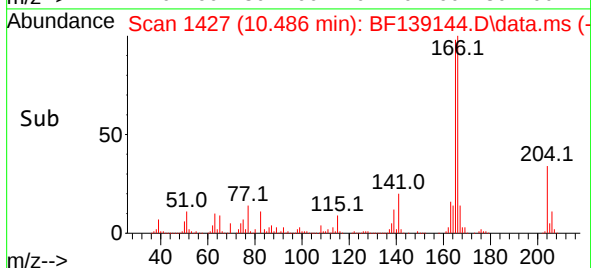
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

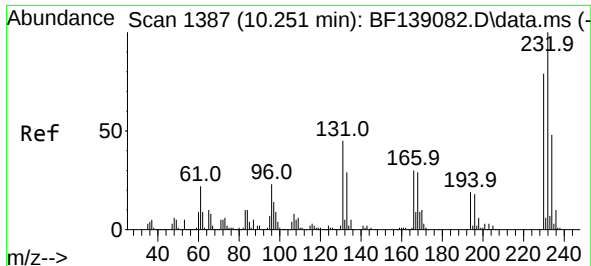


#58
Fluorene
Concen: 49.952 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



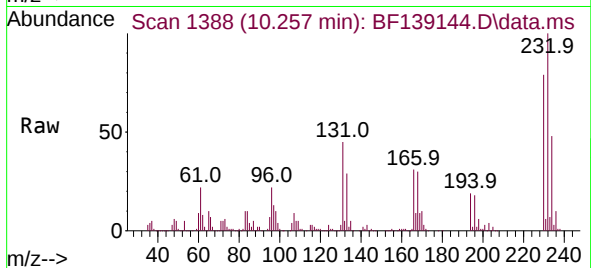
Tgt Ion:166 Resp: 551760
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.522 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

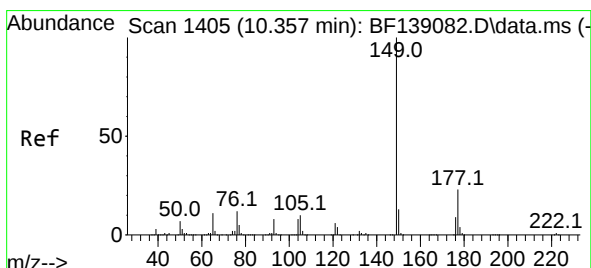
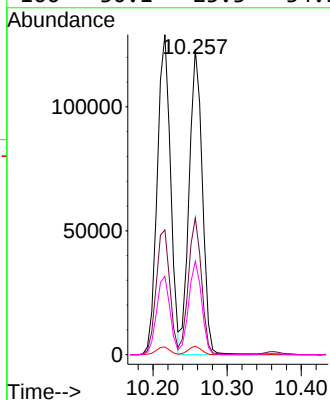
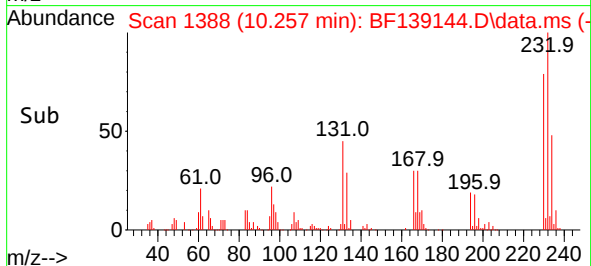
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:232 Resp: 15274
Ion Ratio Lower Upper
232 100
131 44.6 36.0 54.0
130 2.7 2.0 3.0
166 30.1 23.3 34.9

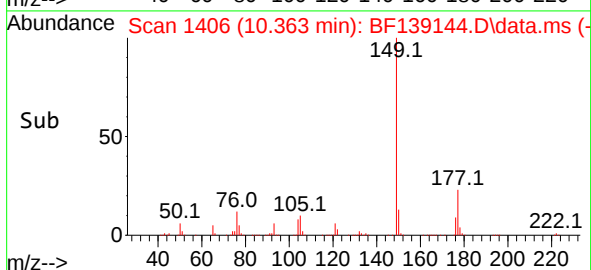
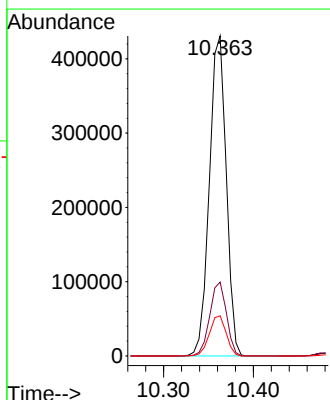
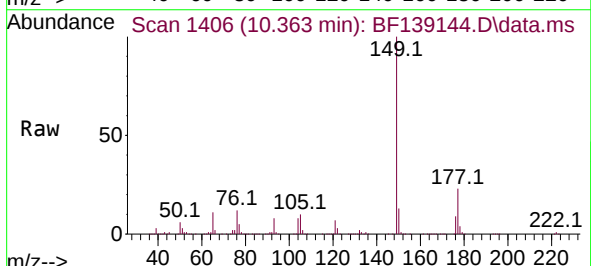
Manual Integrations
APPROVED

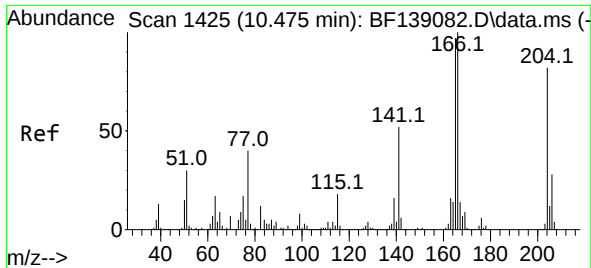
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#60
Diethylphthalate
Concen: 50.902 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

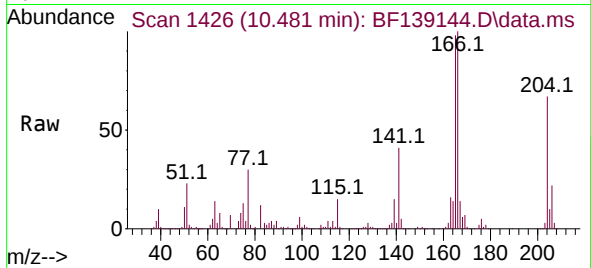
Tgt Ion:149 Resp: 562552
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.502 ng
RT: 10.481 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

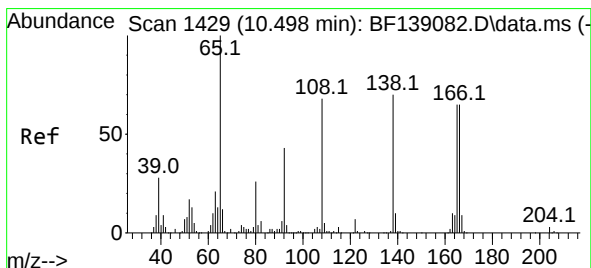
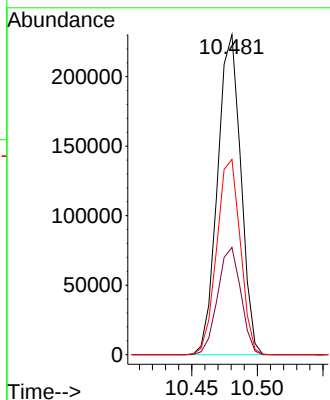
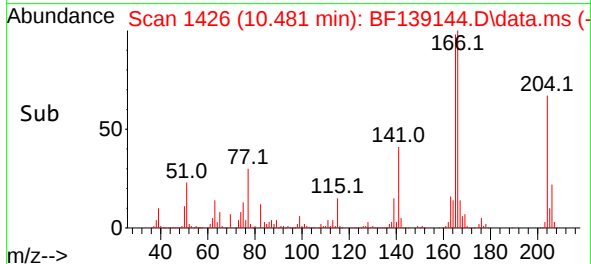
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:204 Resp: 284119
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 61.0 50.9 76.3

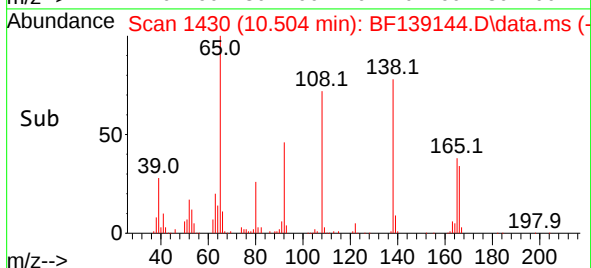
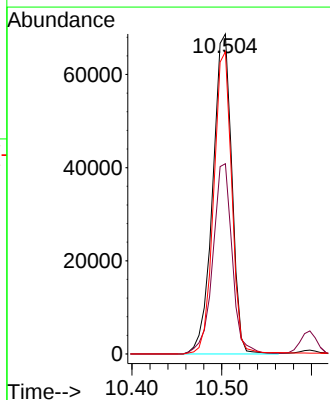
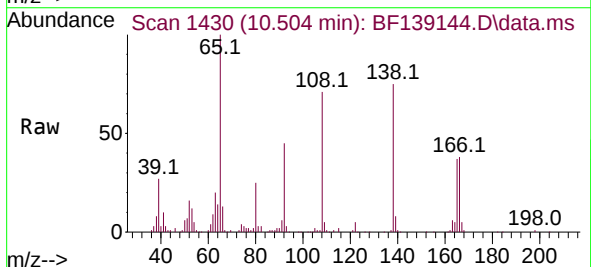
Manual Integrations
APPROVED

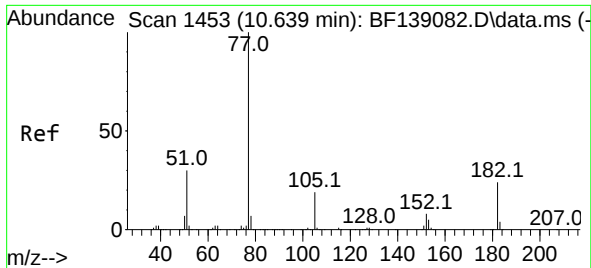
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#62
4-Nitroaniline
Concen: 44.629 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

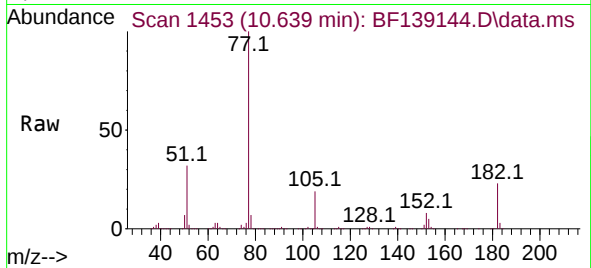
Tgt Ion:138 Resp: 101527
Ion Ratio Lower Upper
138 100
92 59.4 41.4 81.4
108 94.5 76.8 116.8





#63
Azobenzene
Concen: 50.884 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

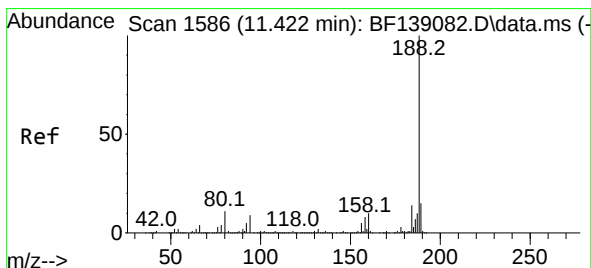
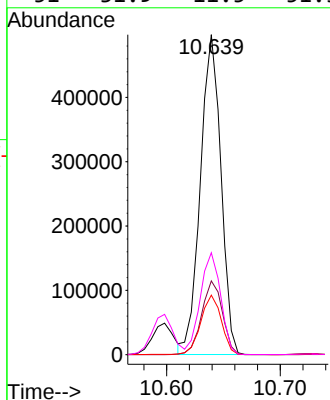
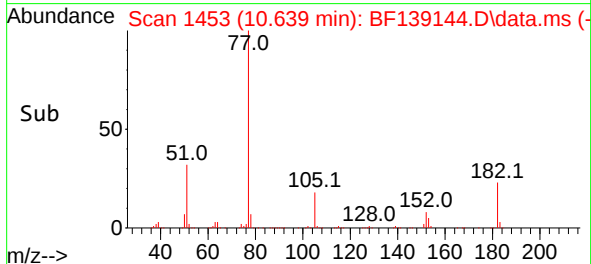
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion: 77 Resp: 62493
Ion Ratio Lower Upper
77 100
182 23.0 4.0 44.0
105 18.6 0.0 39.1
51 31.9 11.5 51.5

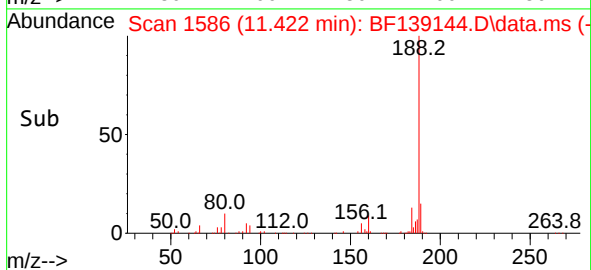
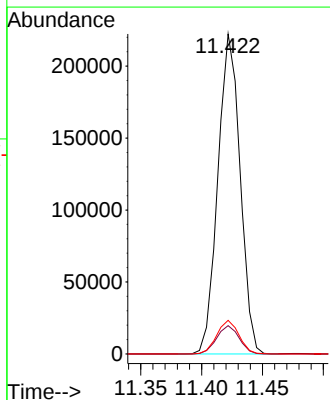
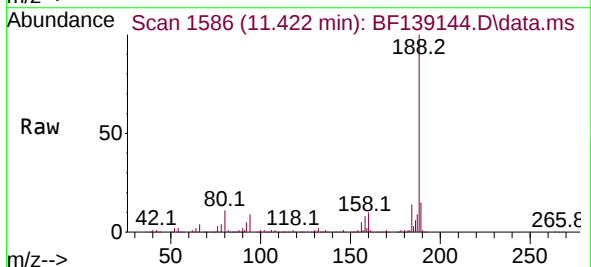
Manual Integrations
APPROVED

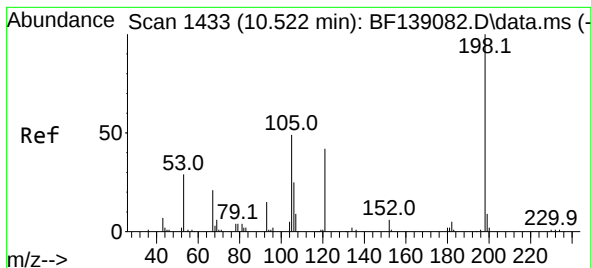
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:188 Resp: 283007
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.5 8.5 12.7





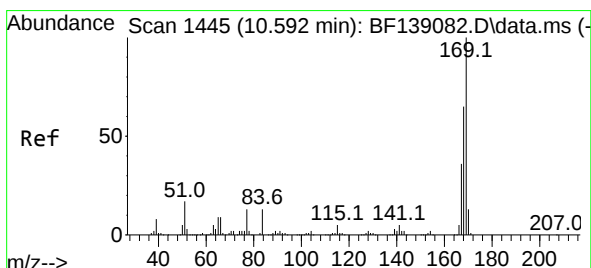
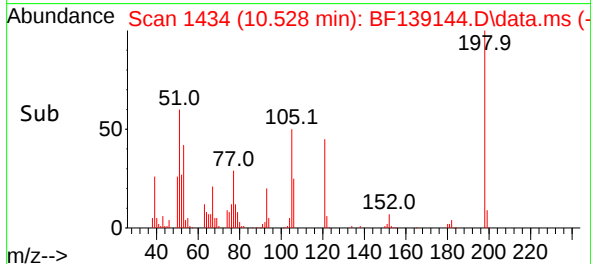
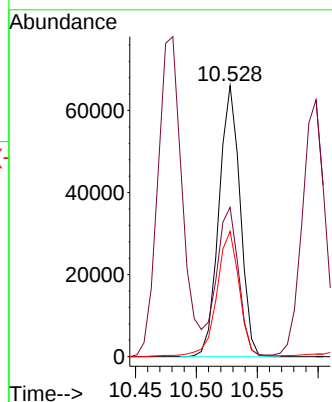
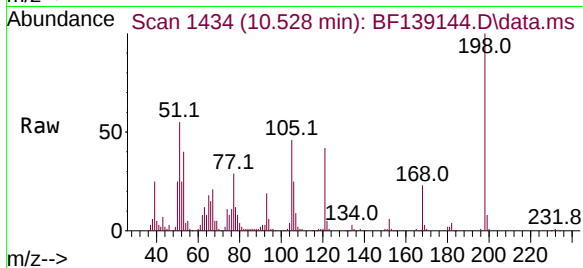
#65
4,6-Dinitro-2-methylphenol
Concen: 68.401 ng
RT: 10.528 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :
BNA_F
ClientSampleId :
20430MSD

Tgt Ion:198 Resp: 7971
Ion Ratio Lower Upper
198 100
51 55.1 40.8 80.8
105 46.2 30.9 70.9

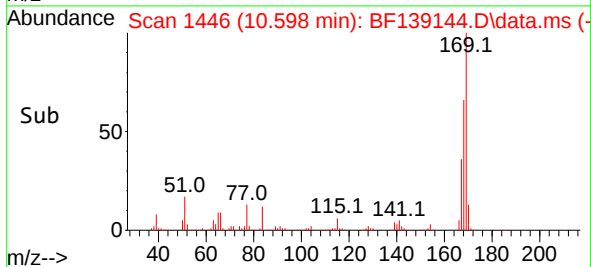
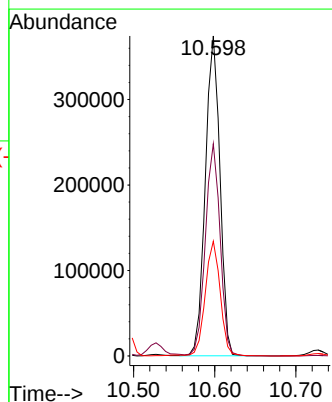
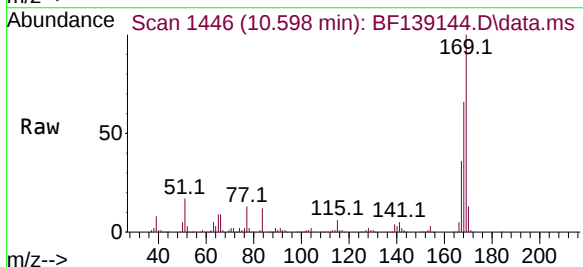
Manual Integrations
APPROVED

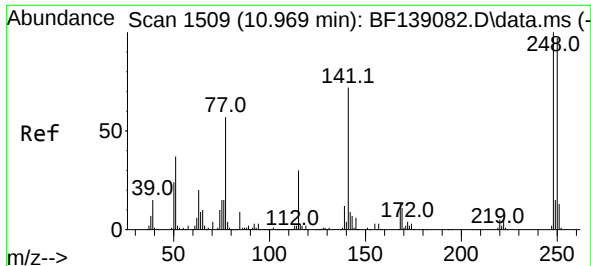
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#66
n-Nitrosodiphenylamine
Concen: 55.821 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

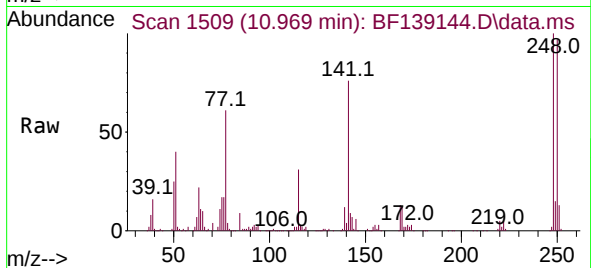
Tgt Ion:169 Resp: 467443
Ion Ratio Lower Upper
169 100
168 66.3 52.4 78.6
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 57.087 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

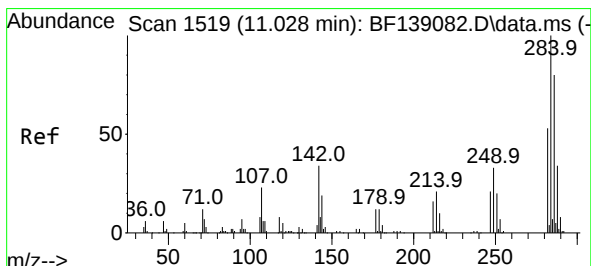
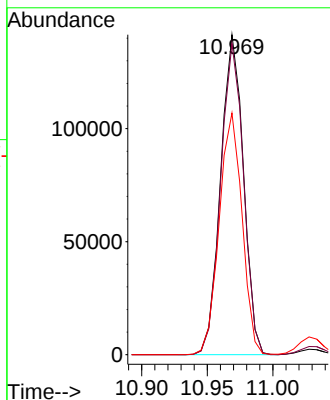
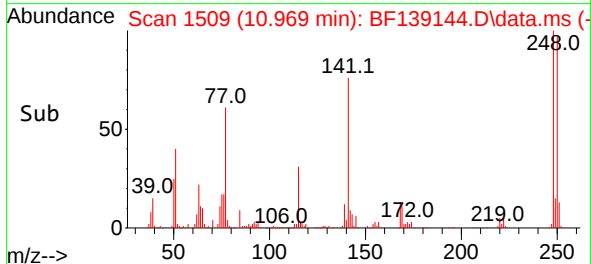
Instrument :
BNA_F
ClientSampleId :
20430MSD



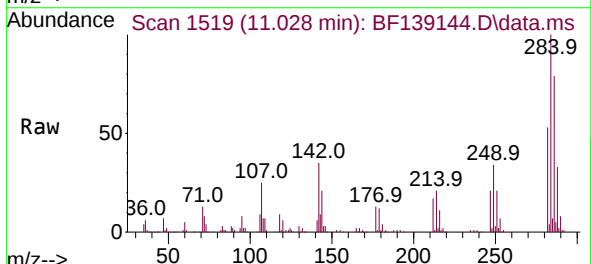
Tgt Ion:248 Resp: 171190
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 75.5 57.9 86.9

Manual Integrations
APPROVED

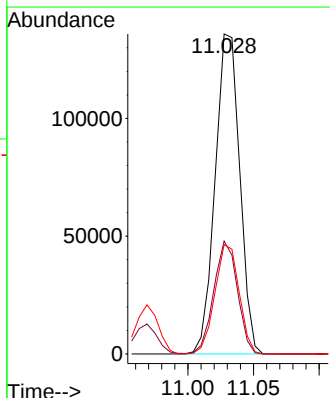
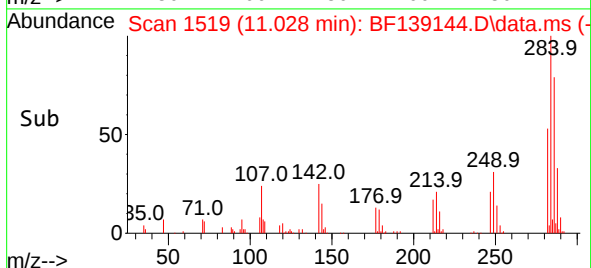
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

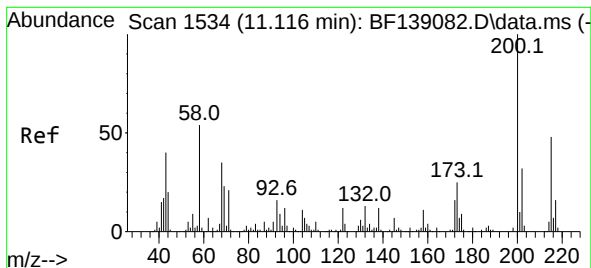


#68
Hexachlorobenzene
Concen: 54.977 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:284 Resp: 176876
Ion Ratio Lower Upper
284 100
142 35.3 27.1 40.7
249 34.2 26.8 40.2





#69

Atrazine

Concen: 53.994 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:200 Resp: 13808

Ion Ratio Lower Upper

200 100

173 25.0 5.2 45.2

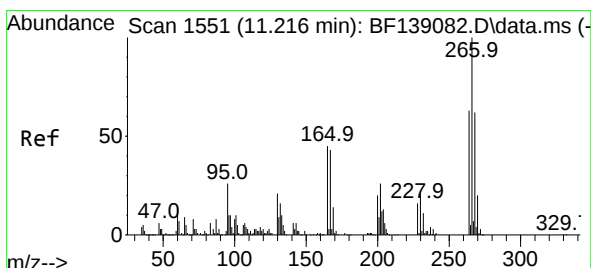
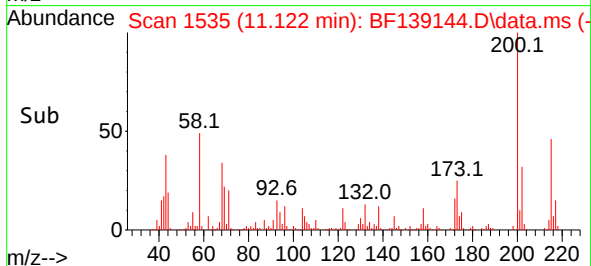
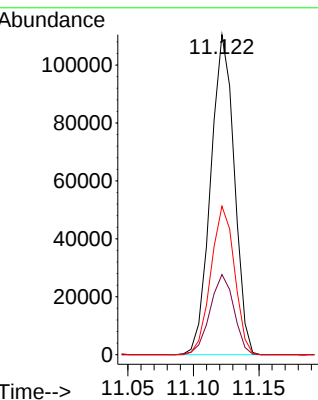
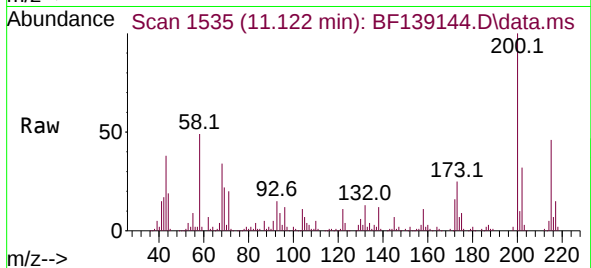
215 46.4 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#70

Pentachlorophenol

Concen: 102.111 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

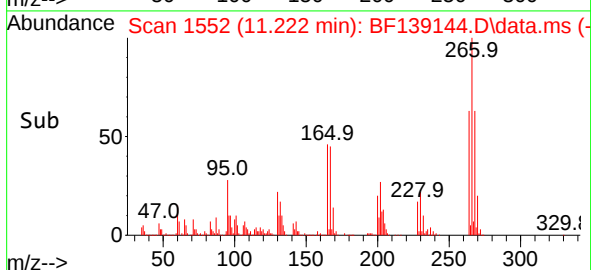
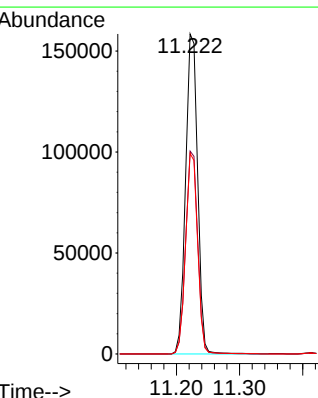
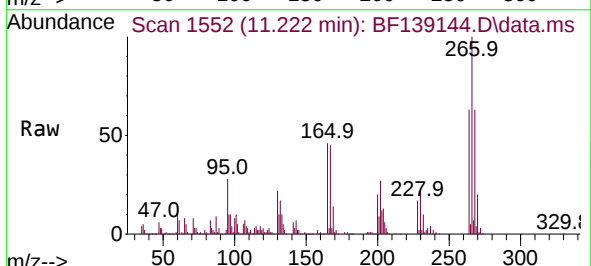
Tgt Ion:266 Resp: 209850

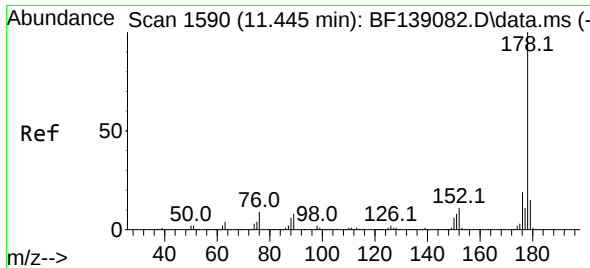
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

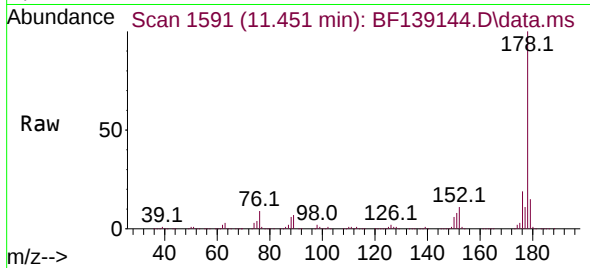
264 62.7 50.0 75.0





#71
Phenanthrene
Concen: 51.770 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

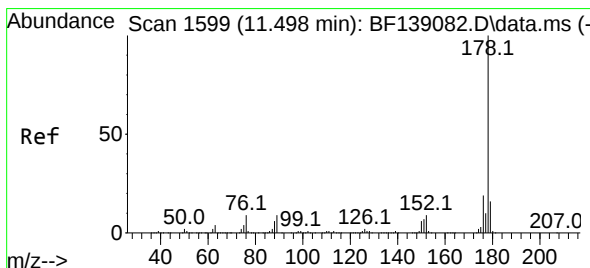
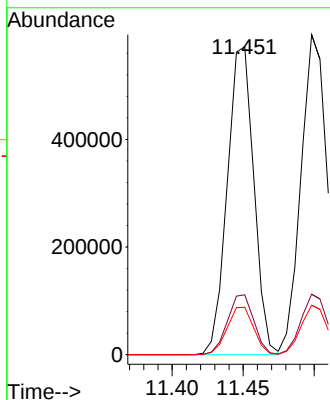
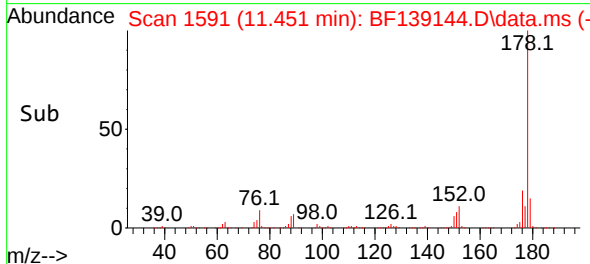
Instrument :
BNA_F
ClientSampleId :
20430MSD



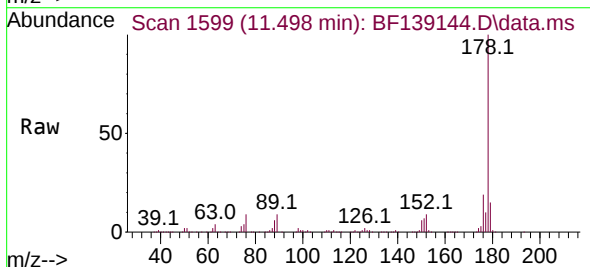
Tgt Ion:178 Resp: 74469
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.3 18.5

Manual Integrations
APPROVED

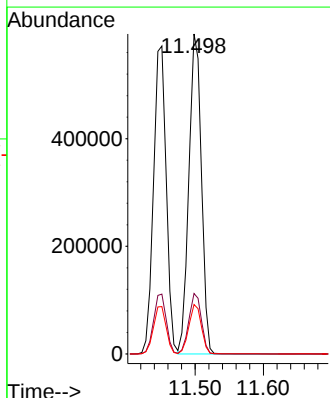
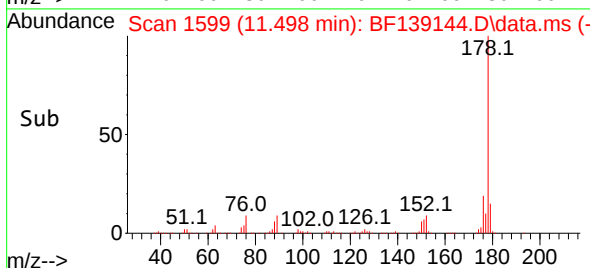
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

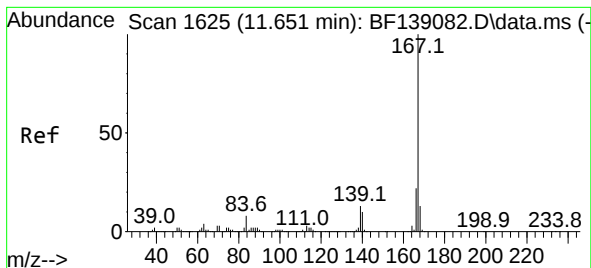


#72
Anthracene
Concen: 53.813 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:178 Resp: 757032
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.4 18.6





#73

Carbazole

Concen: 43.451 ng

RT: 11.651 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF139144.D

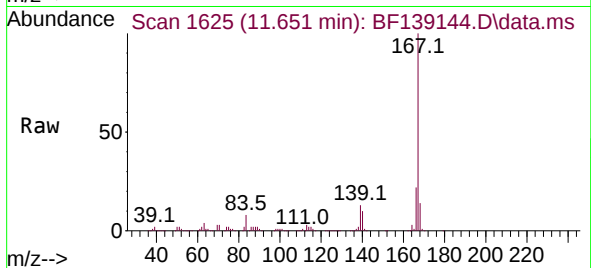
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



Tgt Ion:167 Resp: 570790

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

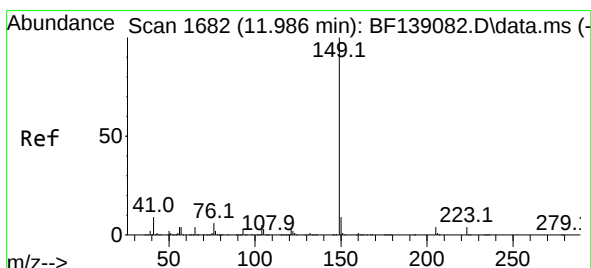
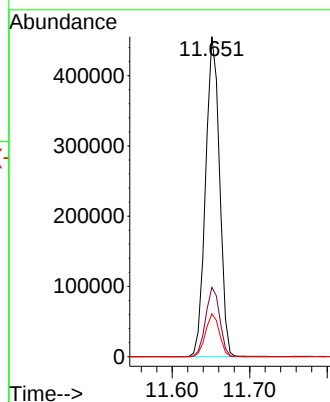
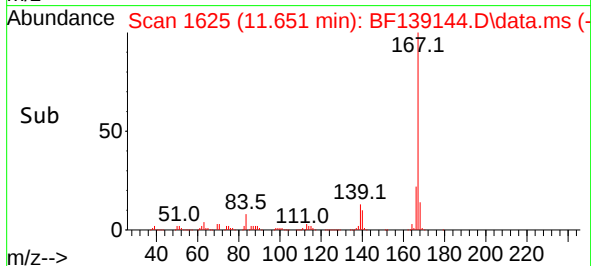
139 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#74

Di-n-butylphthalate

Concen: 47.186 ng

RT: 11.986 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

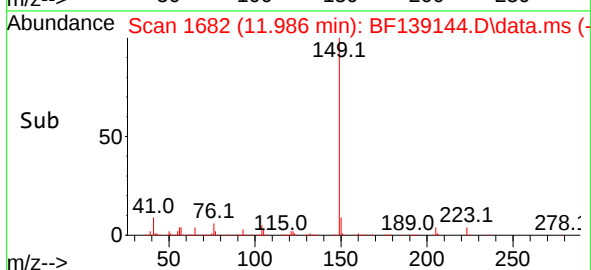
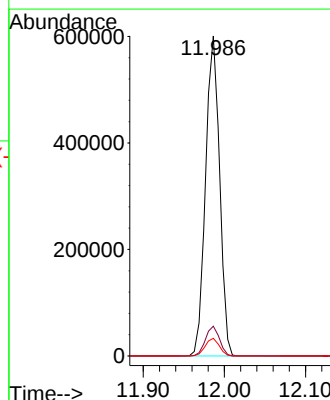
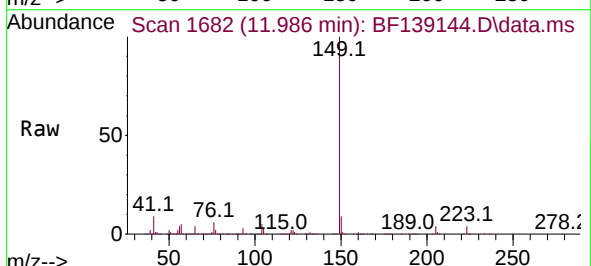
Tgt Ion:149 Resp: 718734

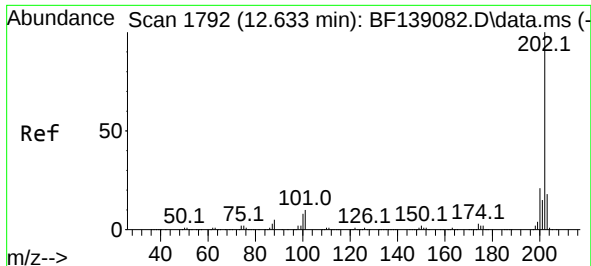
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

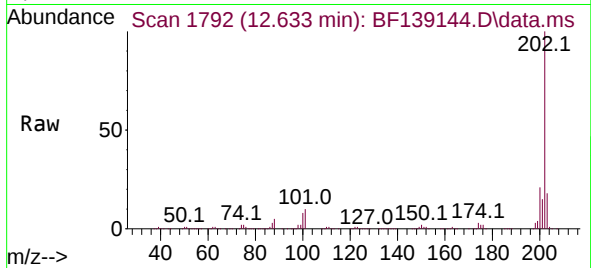
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 40.287 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

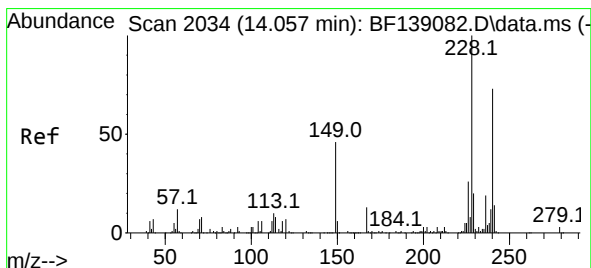
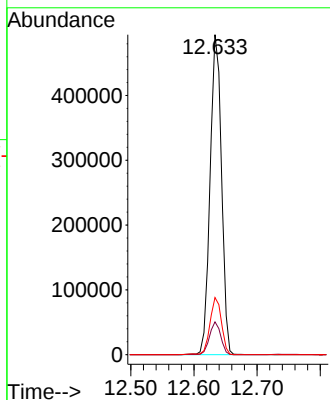
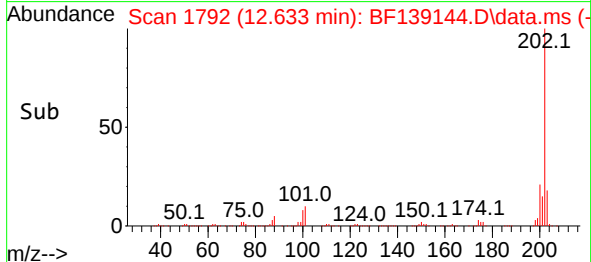
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:202 Resp: 61853
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.9 0.0 37.6

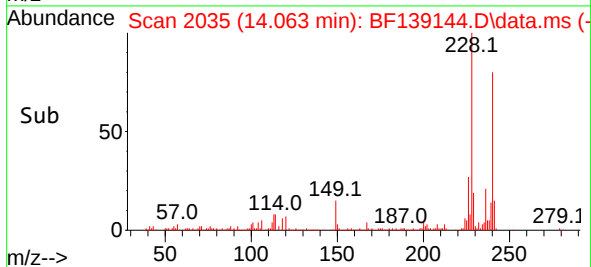
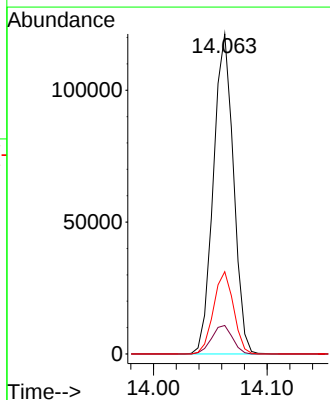
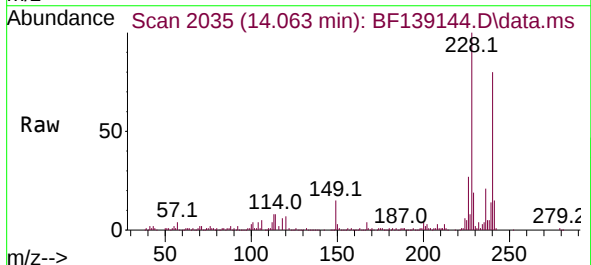
Manual Integrations
APPROVED

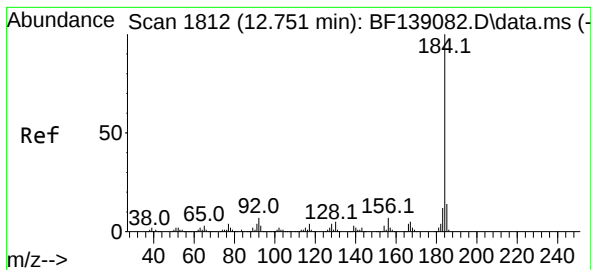
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:240 Resp: 149222
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.7 20.9 31.3





#77

Benzidine

Concen: 31.231 ng

RT: 12.757 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

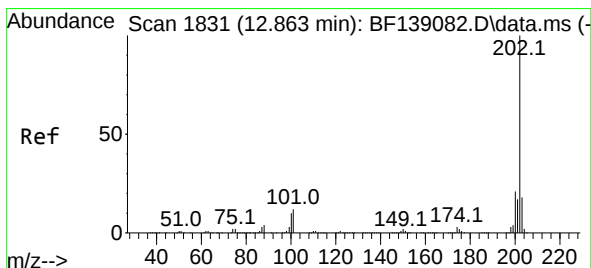
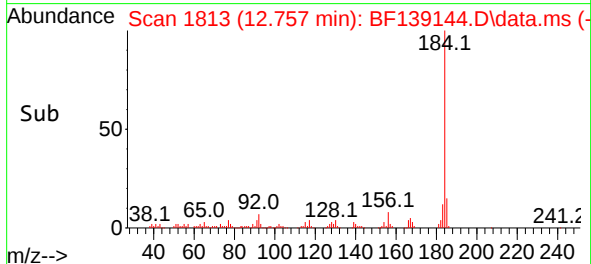
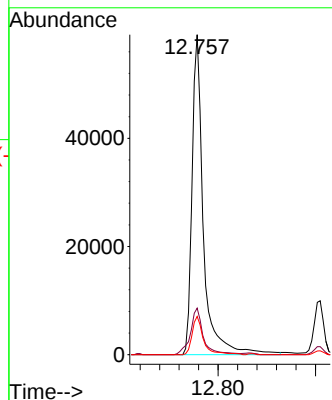
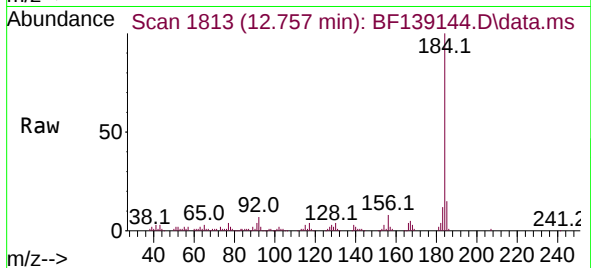
Tgt Ion:184	Resp:	9626
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.5 17.3
183	12.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#78

Pyrene

Concen: 49.307 ng

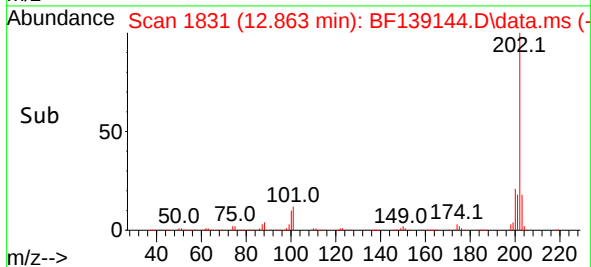
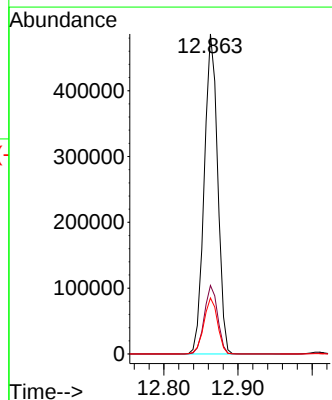
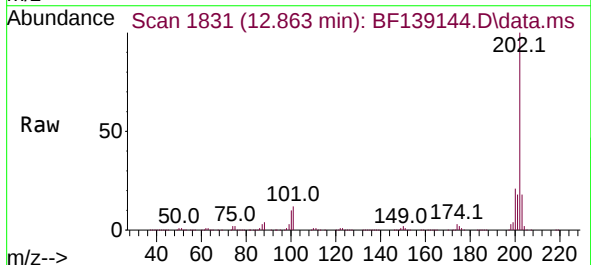
RT: 12.863 min Scan# 1831

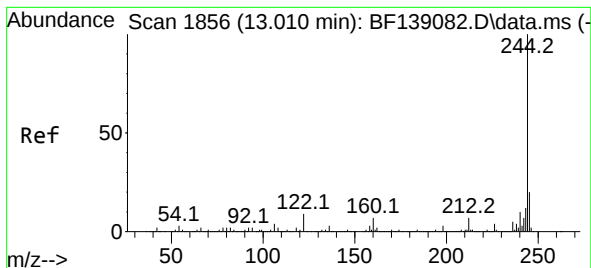
Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:202	Resp:	614015
Ion Ratio	Lower	Upper
202	100	
200	21.4	17.0 25.6
203	17.5	14.1 21.1





#79

Terphenyl-d14

Concen: 102.732 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139144.D

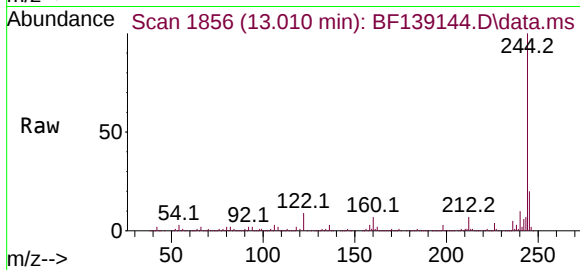
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



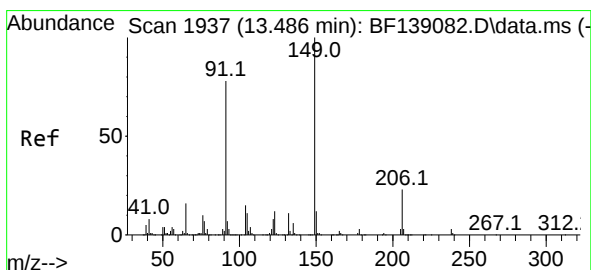
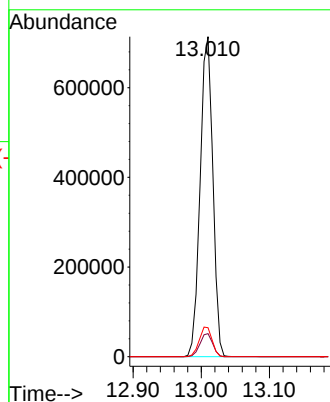
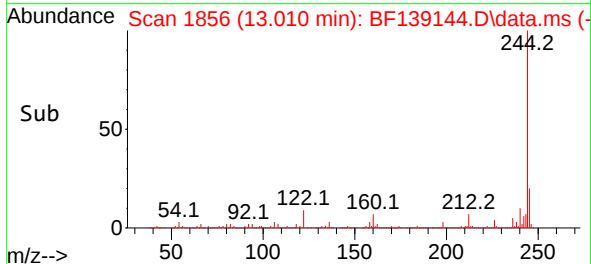
Tgt Ion:	244	Resp:	92387
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.1	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#80

Butylbenzylphthalate

Concen: 49.953 ng

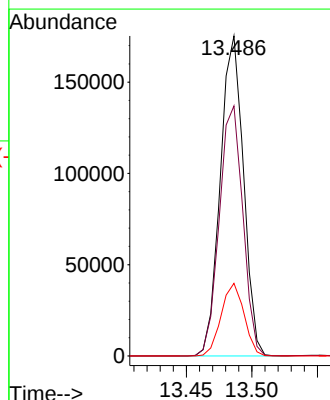
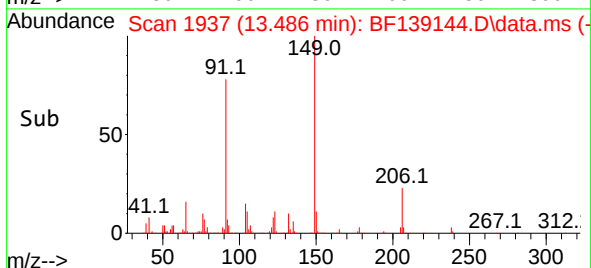
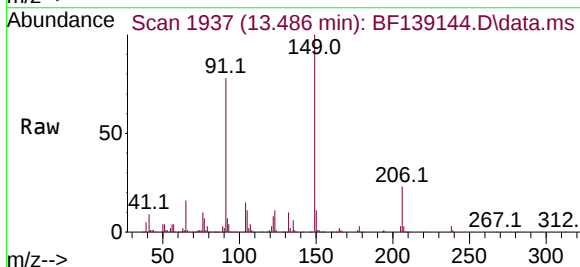
RT: 13.486 min Scan# 1937

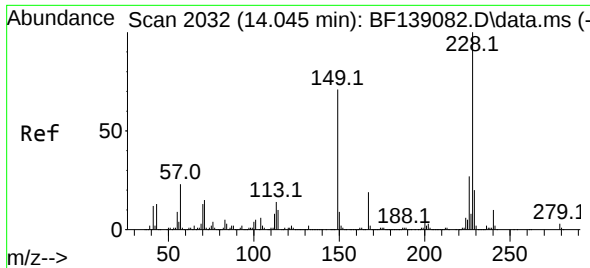
Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

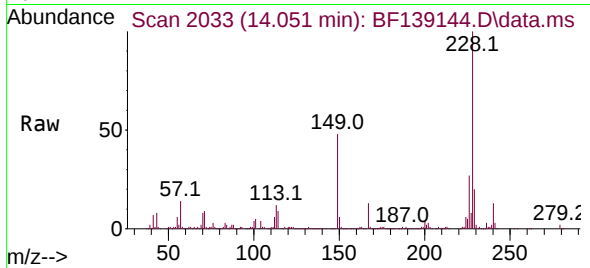
Tgt Ion:	149	Resp:	215207
Ion Ratio	Lower	Upper	
149	100		
91	78.1	62.1	93.1
206	22.7	18.0	27.0





#81
Benzo(a)anthracene
Concen: 52.569 ng
RT: 14.051 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

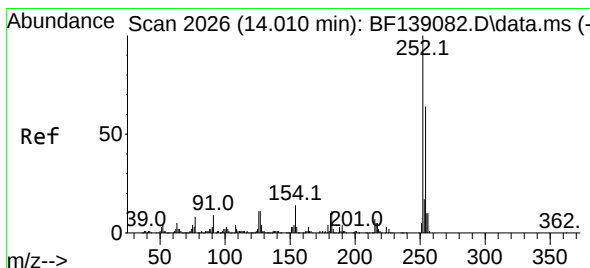
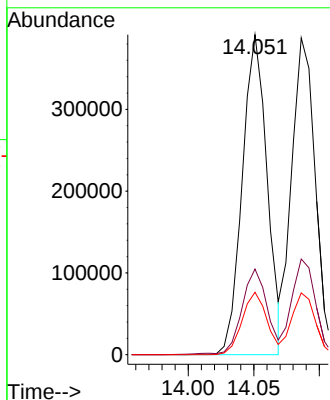
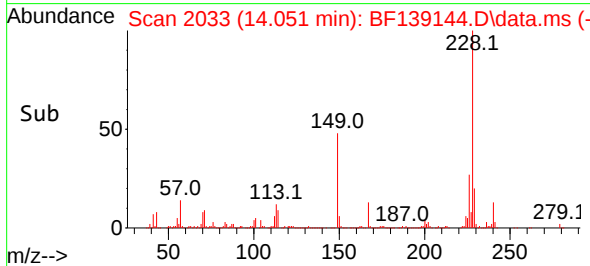
Instrument :
BNA_F
ClientSampleId :
20430MSD



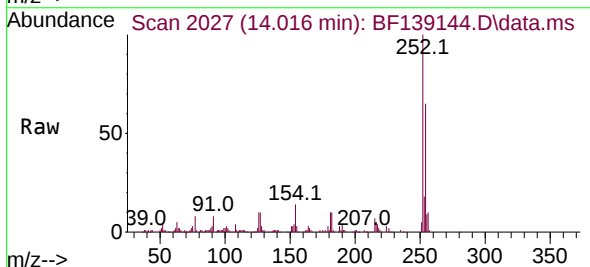
Tgt Ion:228 Resp: 515662
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.5 16.1 24.1

Manual Integrations
APPROVED

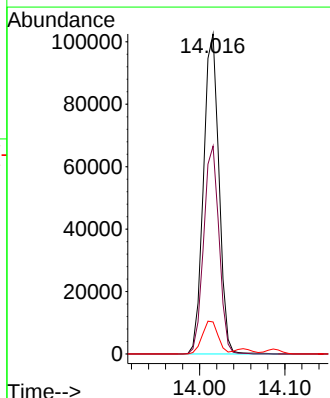
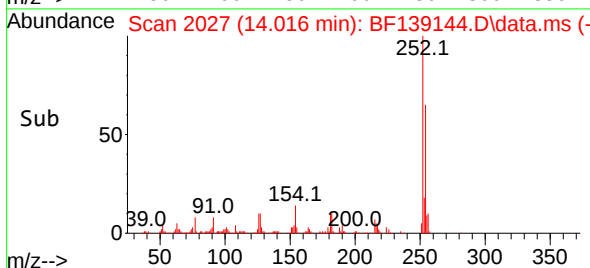
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

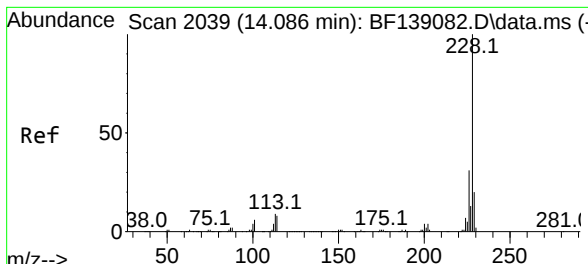


#82
3,3'-Dichlorobenzidine
Concen: 47.084 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:252 Resp: 129100
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.0
126 10.0 8.6 12.8



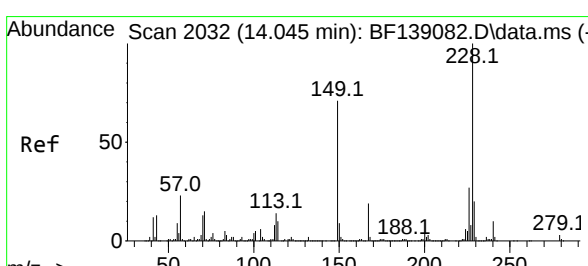
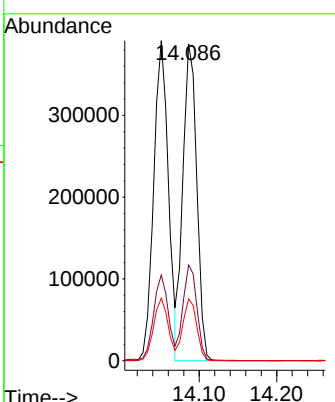
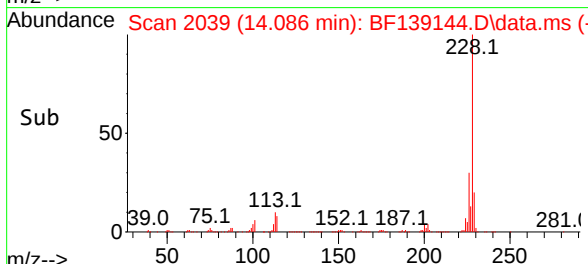
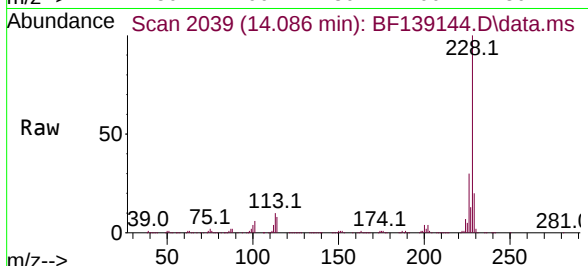


#83
 Chrysene
 Concen: 54.251 ng
 RT: 14.086 min Scan# 2039
 Delta R.T. -0.000 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

Instrument : BNA_F
 ClientSampleId : 20430MSD

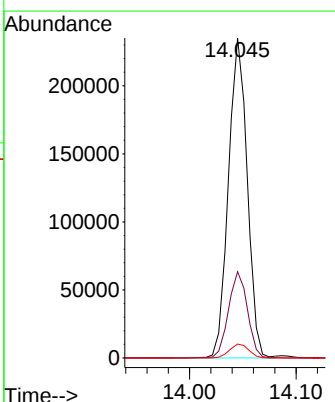
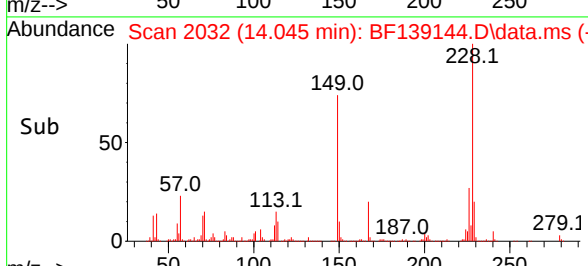
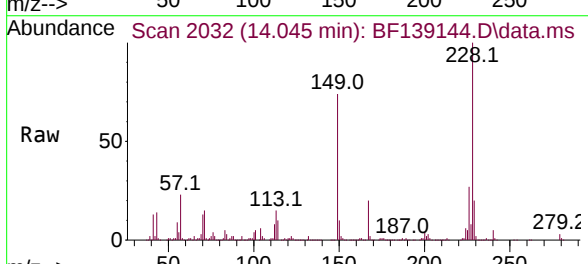
Tgt Ion:	228	Resp:	482354
Ion Ratio	100	Lower	Upper
226	30.2	24.3	36.5
229	19.5	15.8	23.8

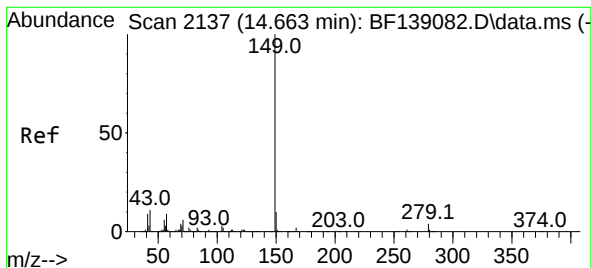
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.427 ng
 RT: 14.045 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

Tgt Ion:	149	Resp:	288008
Ion Ratio	100	Lower	Upper
167	27.0	21.8	32.6
279	4.4	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 66.394 ng

RT: 14.663 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139144.D

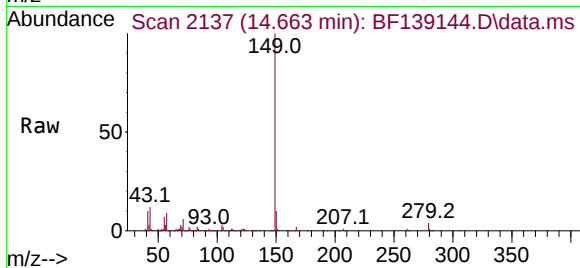
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



Tgt Ion:149 Resp: 532220

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

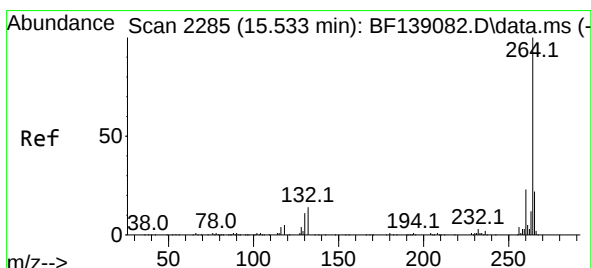
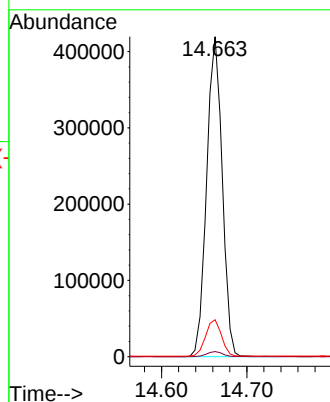
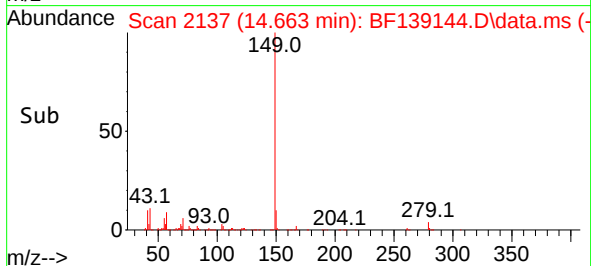
43 11.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

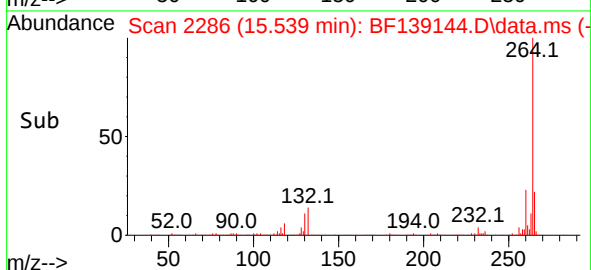
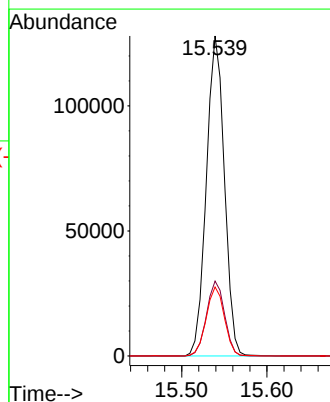
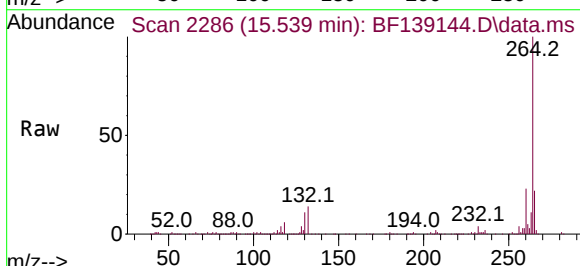
Tgt Ion:264 Resp: 188099

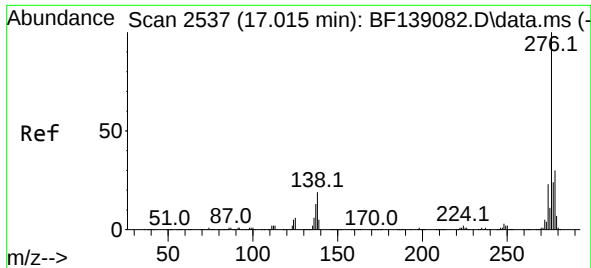
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

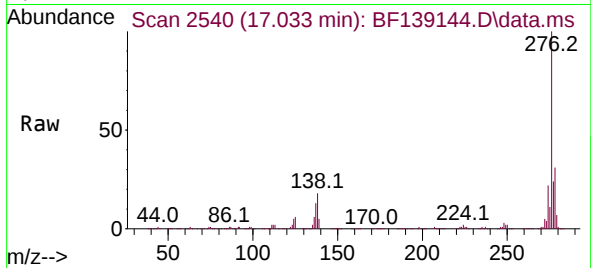
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.194 ng
RT: 17.033 min Scan# 2113
Delta R.T. 0.018 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

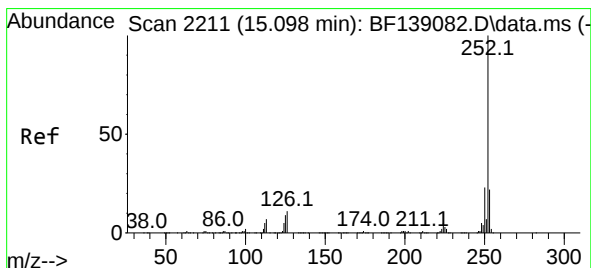
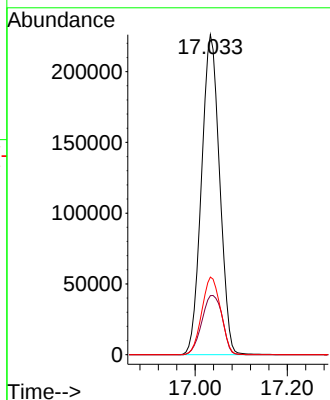
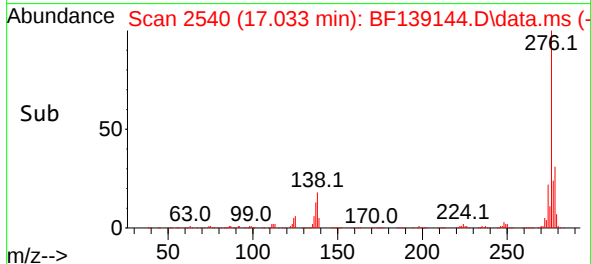
Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion: 276 Resp: 618610
Ion Ratio Lower Upper
276 100
138 20.9 17.3 25.9
277 25.2 20.2 30.4

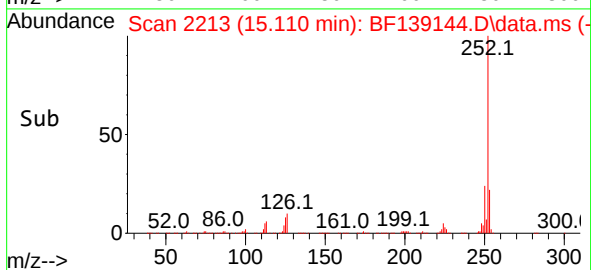
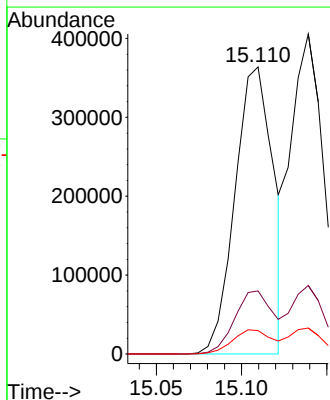
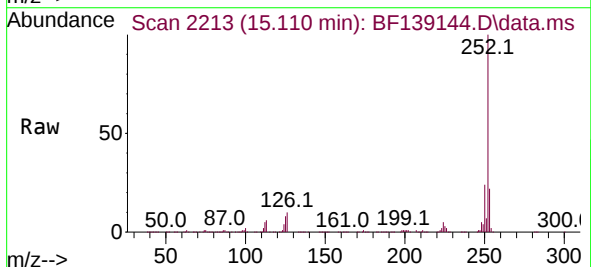
Manual Integrations
APPROVED

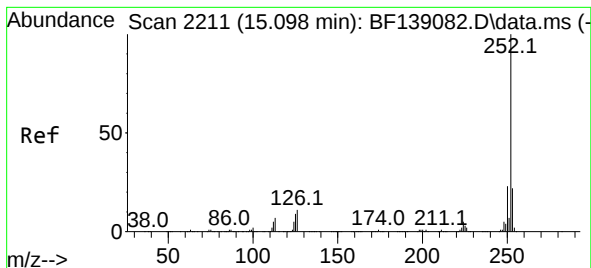
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#88
Benzo(b)fluoranthene
Concen: 46.364 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.012 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 252 Resp: 568555
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 52.954 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion:252 Resp: 54084

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

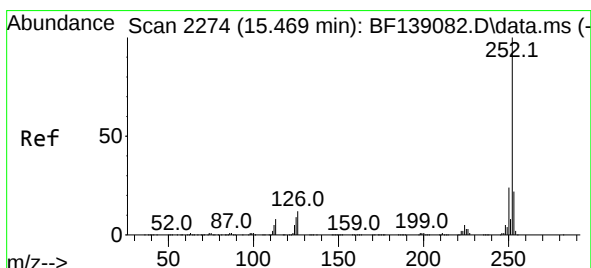
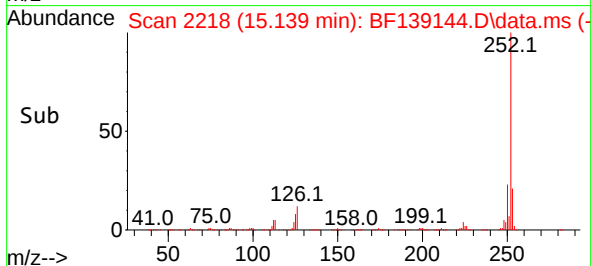
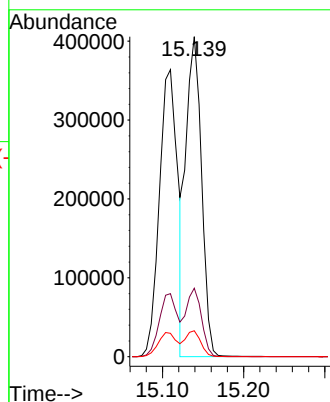
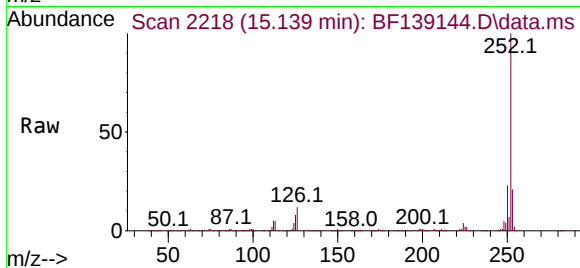
125 8.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#90

Benzo(a)pyrene

Concen: 55.706 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

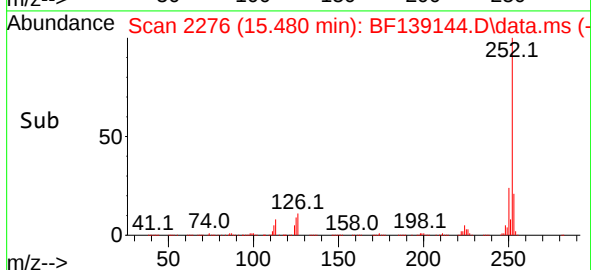
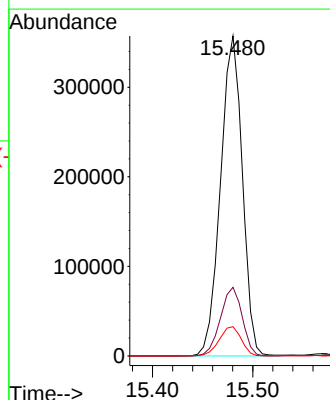
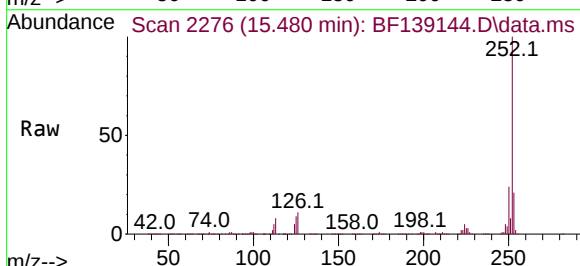
Tgt Ion:252 Resp: 539776

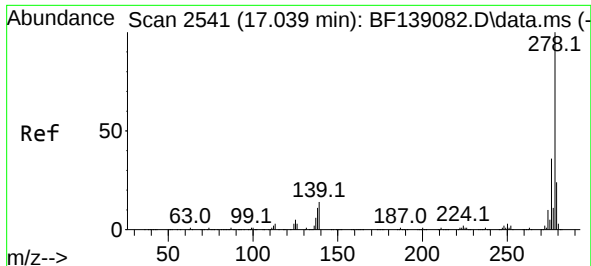
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

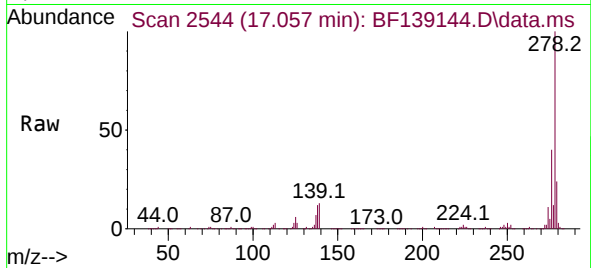
125 9.2 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 55.230 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.018 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

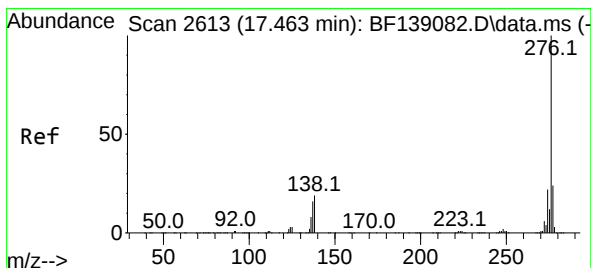
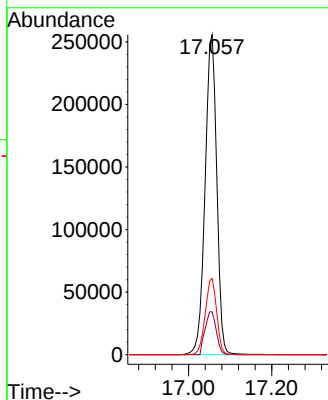
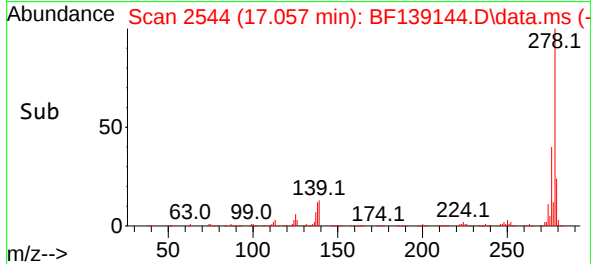
Instrument :
BNA_F
ClientSampleId :
20430MSD



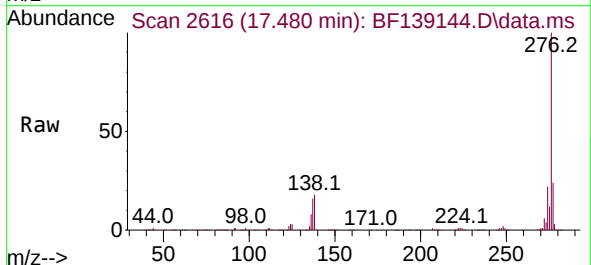
Tgt Ion:278 Resp: 499098
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#92
Benzo(g,h,i)perylene
Concen: 44.154 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.017 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:276 Resp: 453411
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.7 15.0 22.4

