

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139153.D
 Acq On : 23 Aug 2024 18:14
 Operator : RC/JU
 Sample : P3707-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

Quant Time: Aug 23 23:20:52 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82339	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	302699	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	166761	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	260194	20.000	ng	0.00
76) Chrysene-d12	14.057	240	153223	20.000	ng	0.00
86) Perylene-d12	15.533	264	183067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	436897	81.635	ng	0.00
7) Phenol-d6	6.522	99	597214	86.362	ng	0.00
23) Nitrobenzene-d5	7.457	82	424349	81.688	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	127081	84.178	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	531578	50.576	ng	0.00
79) Terphenyl-d14	13.004	244	326251	35.331	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	100638	43.842	ng	99
3) Pyridine	3.504	79	269649	46.227	ng	100
4) n-Nitrosodimethylamine	3.452	42	163484	46.395	ng	99
6) Aniline	6.557	93	286608	45.910	ng	99
8) 2-Chlorophenol	6.681	128	263551	51.199	ng	97
9) Benzaldehyde	6.445	77	134358	33.128	ng	99
10) Phenol	6.540	94	364226	50.620	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	263550	45.546	ng	97
12) 1,3-Dichlorobenzene	6.840	146	293964	47.497	ng	99
13) 1,4-Dichlorobenzene	6.916	146	298529	48.243	ng	98
14) 1,2-Dichlorobenzene	7.069	146	284268	50.264	ng	99
15) Benzyl Alcohol	7.040	79	281545	51.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	400358	49.117	ng	98
17) 2-Methylphenol	7.145	107	220030	49.964	ng	98
18) Hexachloroethane	7.410	117	106391	49.030	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	220701	48.599	ng	98
20) 3+4-Methylphenols	7.298	107	283602	49.705	ng	93
22) Acetophenone	7.304	105	386429	49.998	ng	# 93
24) Nitrobenzene	7.481	77	324189	56.145	ng	98
25) Isophorone	7.716	82	569959	51.620	ng	99
26) 2-Nitrophenol	7.792	139	132397	63.685	ng	98
27) 2,4-Dimethylphenol	7.828	122	214138	61.160	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	324238	50.258	ng	100
29) 2,4-Dichlorophenol	8.034	162	223686	51.281	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	242931	47.563	ng	100
31) Naphthalene	8.204	128	768285	50.086	ng	100
32) Benzoic acid	7.934	122	145800	49.656	ng	99
33) 4-Chloroaniline	8.245	127	91485	17.415	ng	99
34) Hexachlorobutadiene	8.316	225	164330	49.253	ng	99
35) Caprolactam	8.616	113	66915m	48.387	ng	
36) 4-Chloro-3-methylphenol	8.728	107	247417	51.228	ng	100
37) 2-Methylnaphthalene	8.892	142	496920	50.506	ng	100
38) 1-Methylnaphthalene	8.992	142	460724	48.519	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	249962	55.536	ng	98
41) Hexachlorocyclopentadiene	9.045	237	338385	192.847	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	167440	54.347	ng	100

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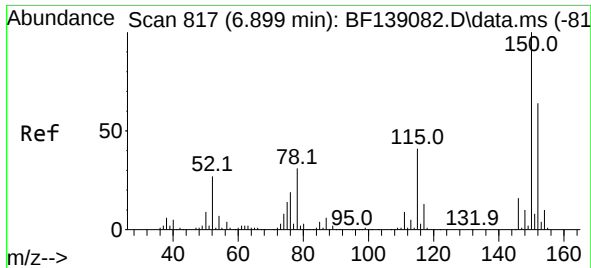
Quant Time: Aug 23 23:20:52 2024
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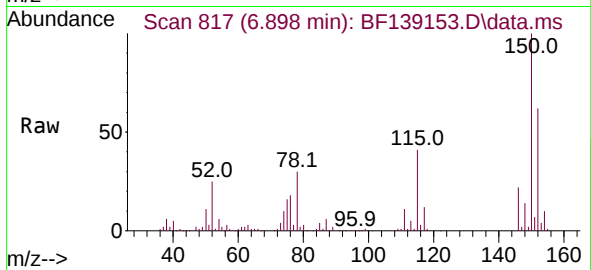
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	169486	53.593	ng	99
46) 1,1'-Biphenyl	9.357	154	617969	54.096	ng	99
47) 2-Chloronaphthalene	9.381	162	477801	51.476	ng	99
48) 2-Nitroaniline	9.475	65	159711	58.617	ng	97
49) Acenaphthylene	9.798	152	742311	55.828	ng	100
50) Dimethylphthalate	9.657	163	565118	54.891	ng	100
51) 2,6-Dinitrotoluene	9.716	165	121372	57.761	ng	96
52) Acenaphthene	9.969	154	522918	59.537	ng	99
53) 3-Nitroaniline	9.886	138	69031	34.339	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	116680	107.382	ng	# 48
55) Dibenzofuran	10.139	168	671119	52.606	ng	100
56) 4-Nitrophenol	10.039	139	158883	102.098	ng	99
57) 2,4-Dinitrotoluene	10.122	165	156500	59.013	ng	94
58) Fluorene	10.486	166	517843	50.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	141726	55.815	ng	99
60) Diethylphthalate	10.357	149	539620	52.900	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	264464	51.938	ng	99
62) 4-Nitroaniline	10.498	138	101119	47.864	ng	94
63) Azobenzene	10.639	77	579721	51.140	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	77052	70.894	ng	95
66) n-Nitrosodiphenylamine	10.592	169	441321	57.323	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	158082	57.336	ng	99
68) Hexachlorobenzene	11.028	284	168016	56.802	ng	98
69) Atrazine	11.122	200	134028	57.001	ng	99
70) Pentachlorophenol	11.222	266	186423	98.665	ng	99
71) Phenanthrene	11.445	178	696173	52.640	ng	100
72) Anthracene	11.498	178	706062	54.590	ng	99
73) Carbazole	11.651	167	532284	44.073	ng	100
74) Di-n-butylphthalate	11.986	149	699119	49.923	ng	99
75) Fluoranthene	12.633	202	599523	42.472	ng	99
77) Benzidine	12.751	184	209682	66.250	ng	99
78) Pyrene	12.863	202	590183	46.156	ng	100
80) Butylbenzylphthalate	13.480	149	217894	49.256	ng	99
81) Benzo(a)anthracene	14.051	228	533813	52.999	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	116656	41.435	ng	99
83) Chrysene	14.086	228	480828	52.667	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	295030	50.307	ng	99
85) Di-n-octyl phthalate	14.657	149	539876	65.590	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	570611	53.258	ng	98
88) Benzo(b)fluoranthene	15.104	252	606034	50.779	ng	99
89) Benzo(k)fluoranthene	15.133	252	484325	48.724	ng	99
90) Benzo(a)pyrene	15.474	252	523702	55.533	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	464253	52.786	ng	99
92) Benzo(g,h,i)perylene	17.474	276	402374	40.507	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: BF139153.D
 Acq: 23 Aug 2024 18:14

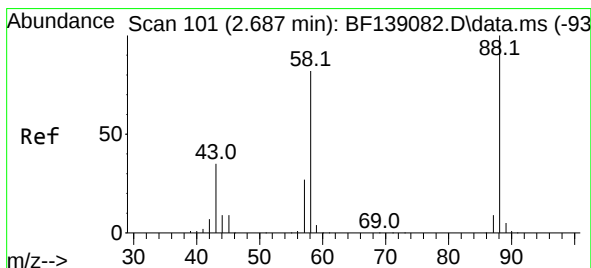
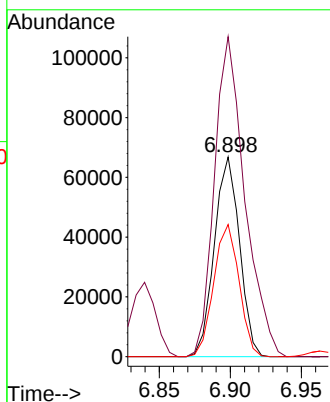
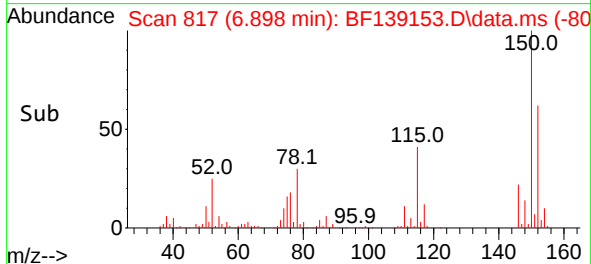
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:152 Resp: 82339
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.1 187.7
 115 66.2 51.8 77.6

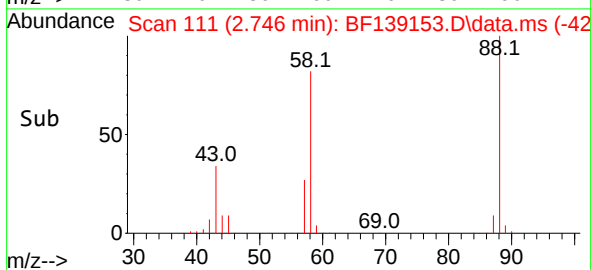
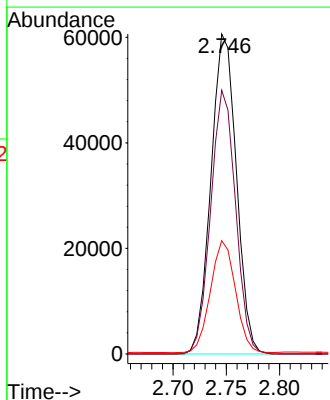
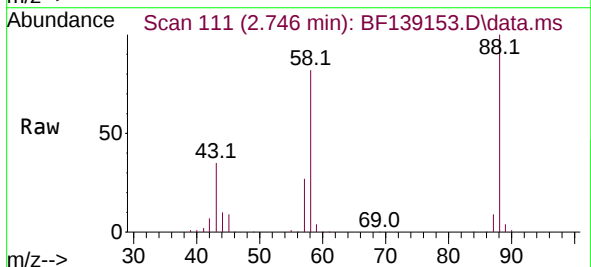
Manual Integrations
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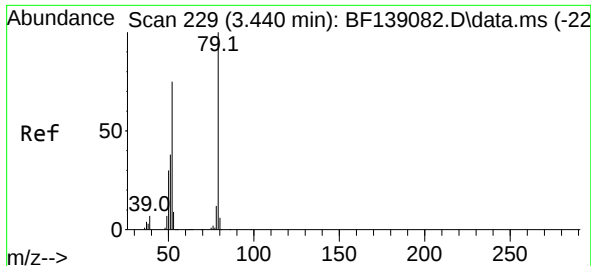
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024



#2
 1,4-Dioxane
 Concen: 43.842 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.059 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

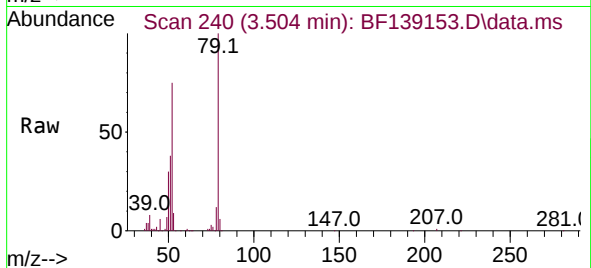
Tgt Ion: 88 Resp: 100638
 Ion Ratio Lower Upper
 88 100
 58 80.7 65.4 98.0
 43 34.4 27.9 41.9





#3
Pyridine
Concen: 46.227 ng
RT: 3.504 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

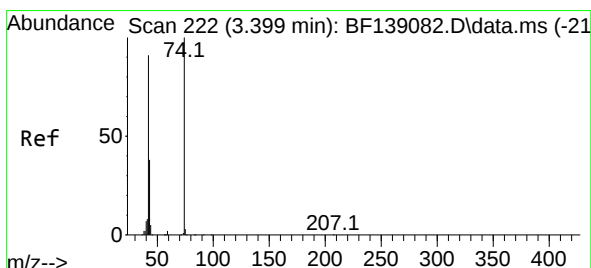
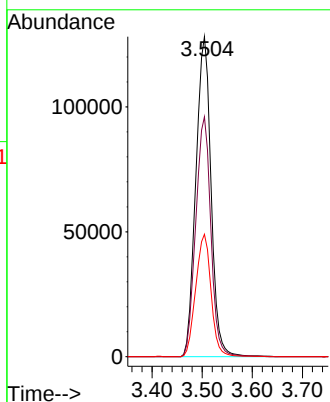
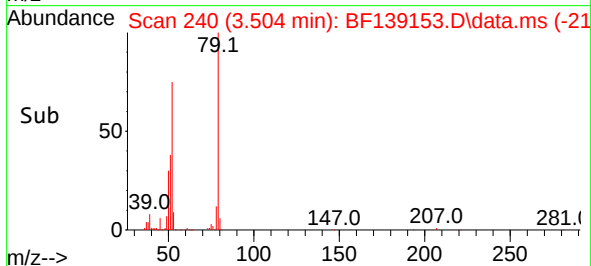
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion: 79 Resp: 269649
Ion Ratio Lower Upper
79 100
52 75.0 59.7 89.5
51 38.3 30.6 45.8

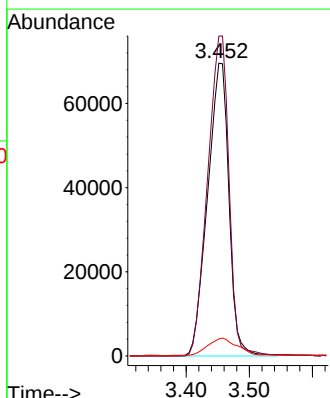
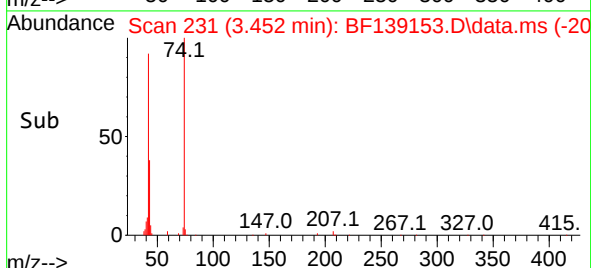
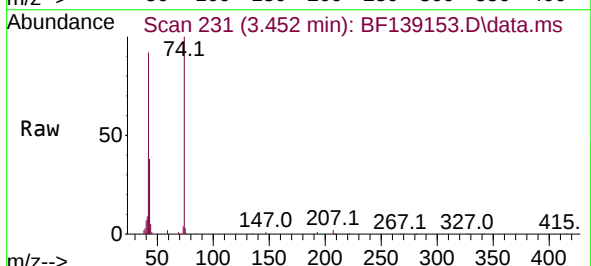
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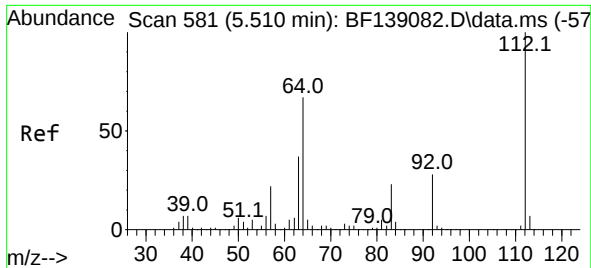
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#4
n-Nitrosodimethylamine
Concen: 46.395 ng
RT: 3.452 min Scan# 231
Delta R.T. 0.053 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

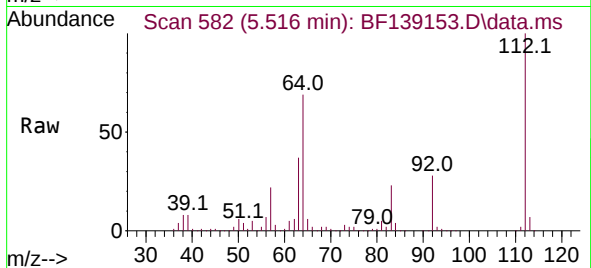
Tgt Ion: 42 Resp: 163484
Ion Ratio Lower Upper
42 100
74 109.2 88.2 132.2
44 5.8 5.4 8.0





#5
2-Fluorophenol
Concen: 81.635 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

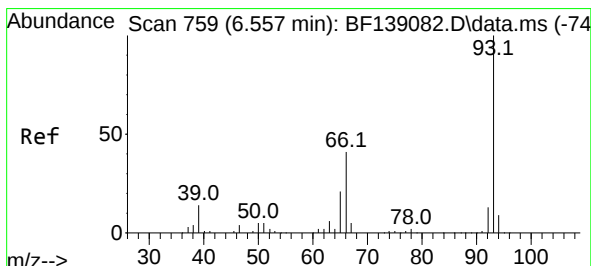
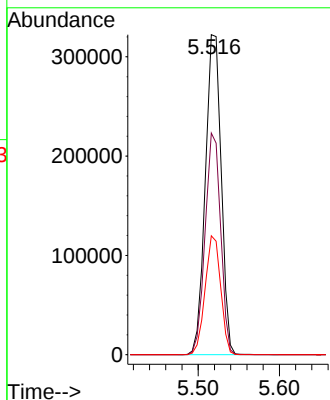
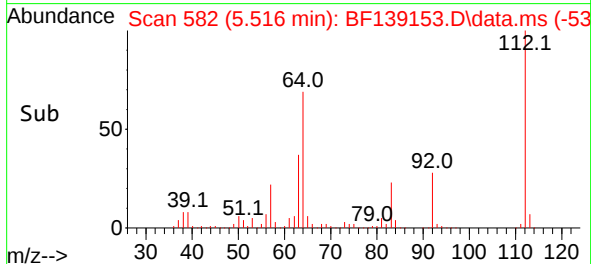
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ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:112 Resp: 43689
Ion Ratio Lower Upper
112 100
64 69.3 53.8 80.6
63 37.2 29.4 44.2

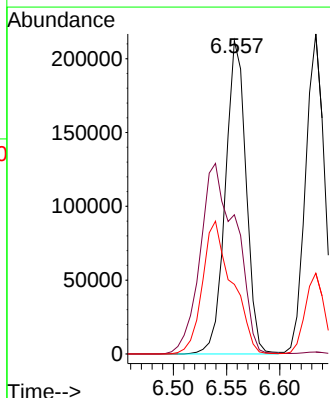
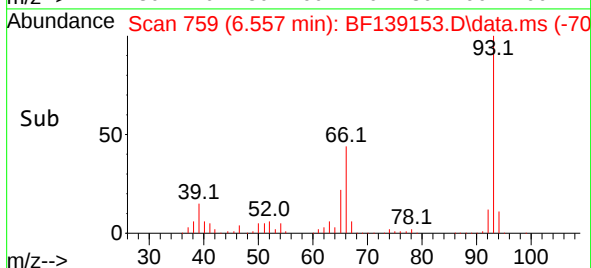
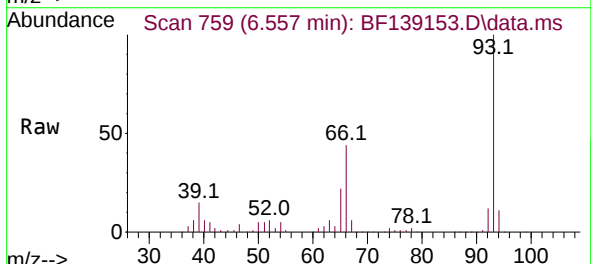
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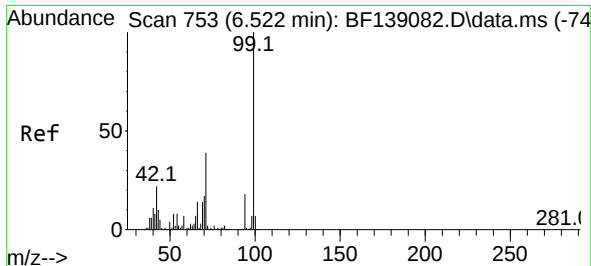
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#6
Aniline
Concen: 45.910 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

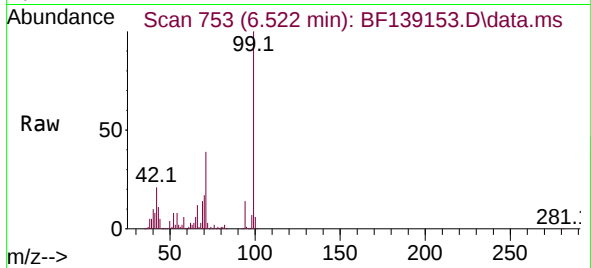
Tgt Ion: 93 Resp: 286608
Ion Ratio Lower Upper
93 100
66 44.5 35.1 52.7
65 22.2 17.4 26.2





#7
Phenol-d6
Concen: 86.362 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

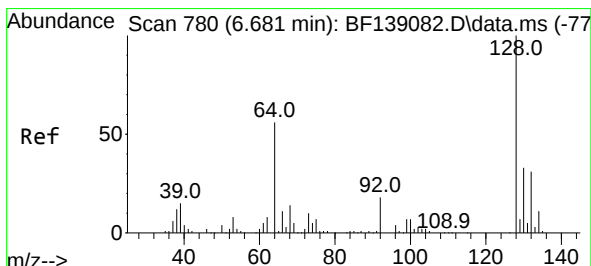
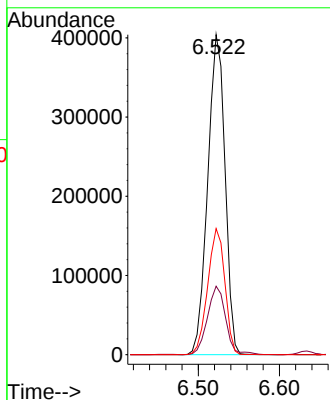
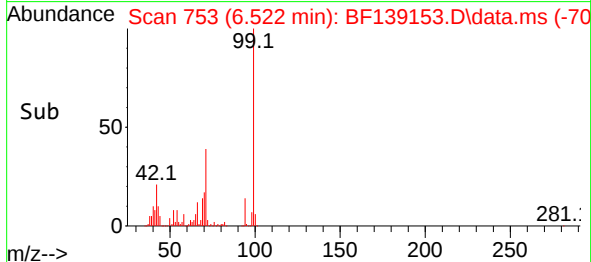
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Tgt Ion: 99 Resp: 597214
Ion Ratio Lower Upper
99 100
42 21.4 17.4 26.2
71 39.4 31.2 46.8

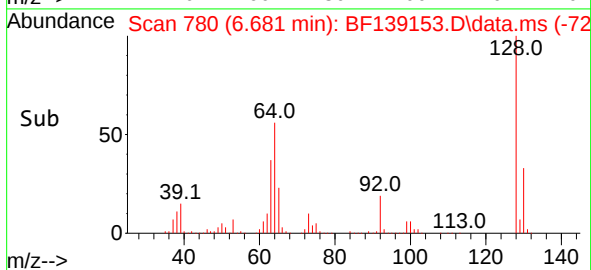
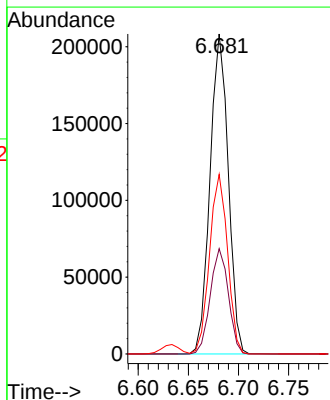
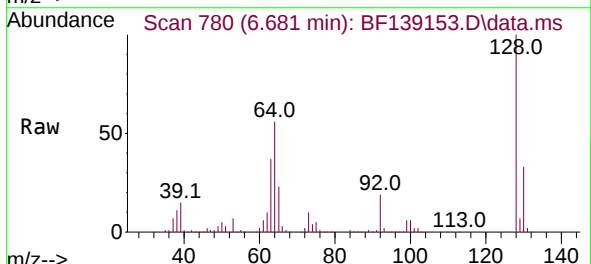
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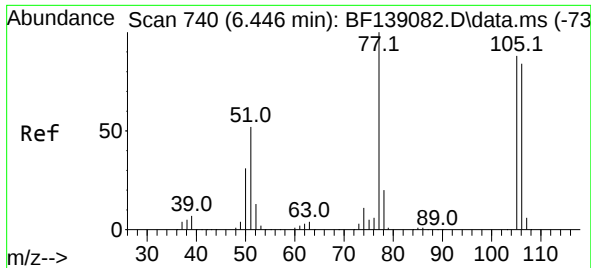
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#8
2-Chlorophenol
Concen: 51.199 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

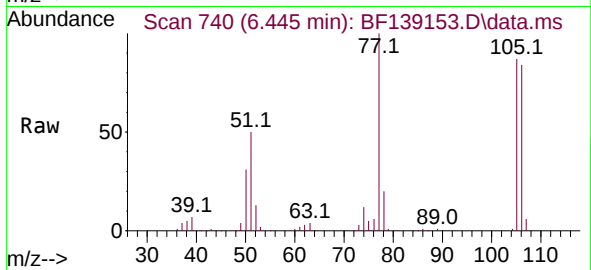
Tgt Ion:128 Resp: 263551
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 56.1 39.1 79.1





#9
Benzaldehyde
Concen: 33.128 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

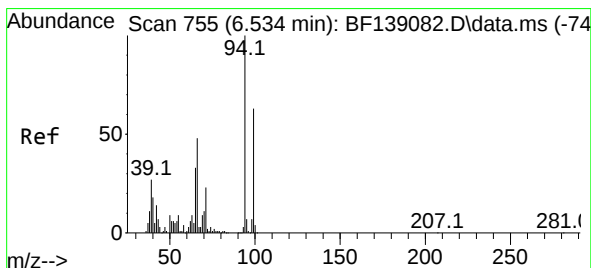
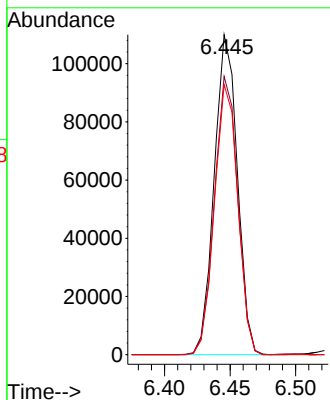
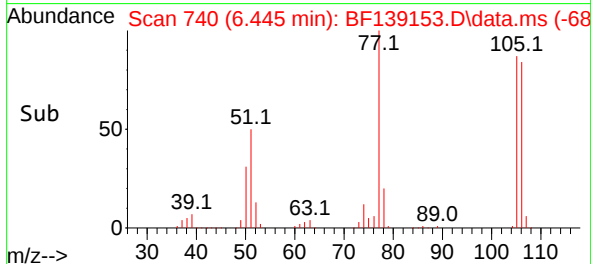
Instrument : BNA_F
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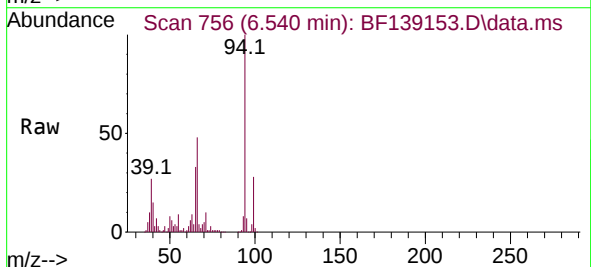
Tgt Ion: 77 Resp: 134358
Ion Ratio Lower Upper
77 100
105 86.9 68.2 108.2
106 84.4 63.8 103.8

Manual Integrations
APPROVED

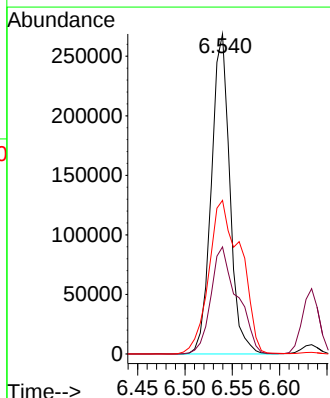
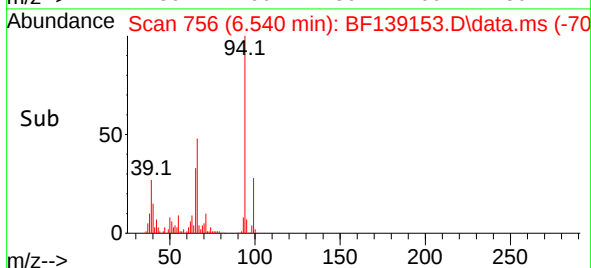
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

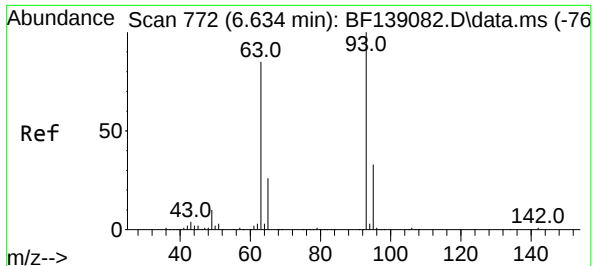


#10
Phenol
Concen: 50.620 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



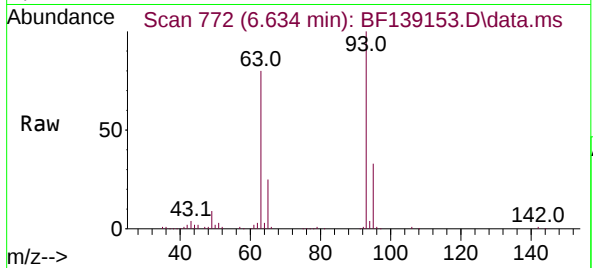
Tgt Ion: 94 Resp: 364226
Ion Ratio Lower Upper
94 100
65 33.5 13.5 53.5
66 48.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 45.546 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

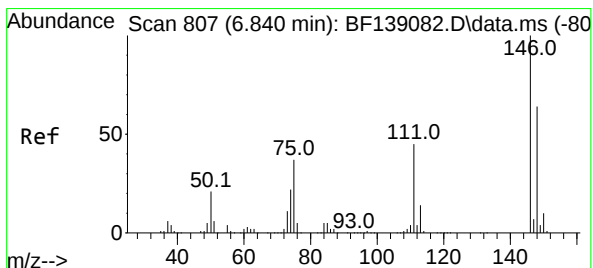
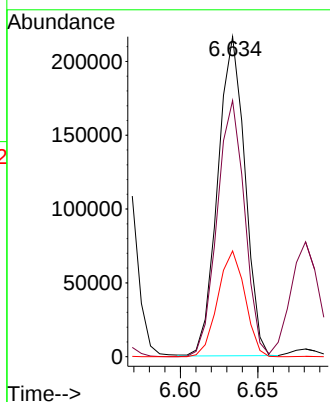
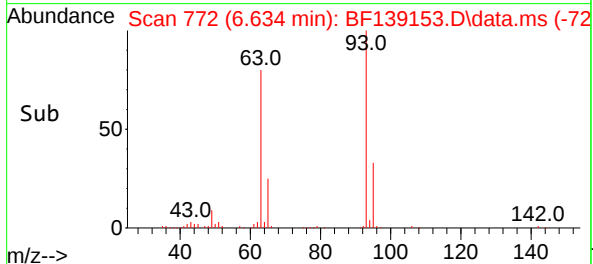
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion: 93 Resp: 263550
Ion Ratio Lower Upper
93 100
63 80.0 62.7 102.7
95 33.1 11.9 51.9

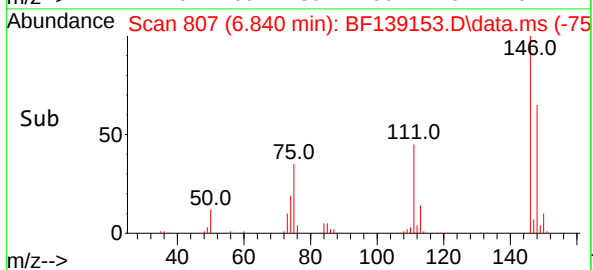
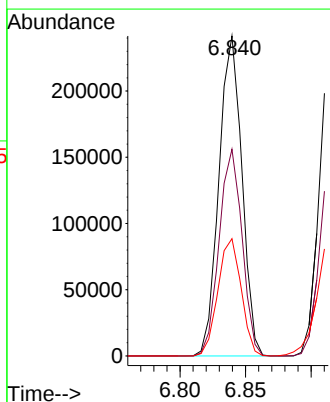
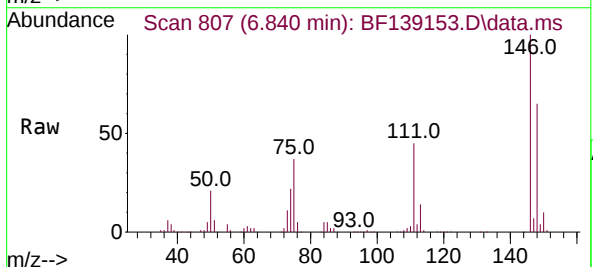
Manual Integrations
APPROVED

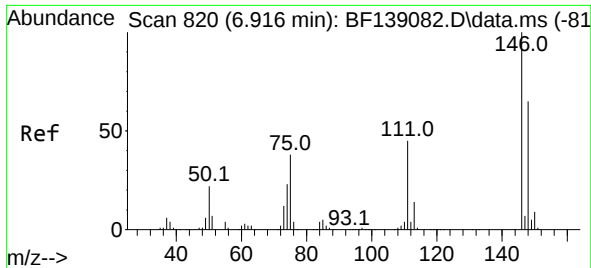
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#12
1,3-Dichlorobenzene
Concen: 47.497 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:146 Resp: 293964
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 36.6 29.9 44.9





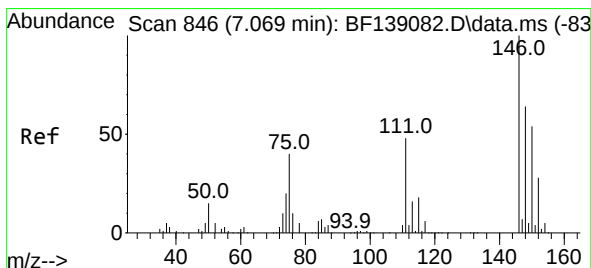
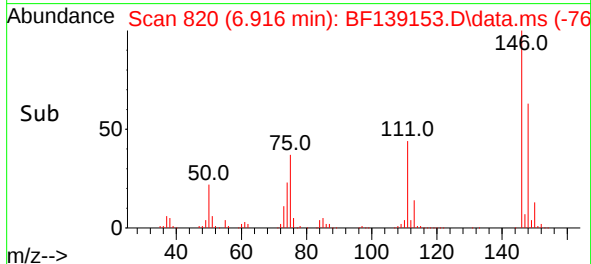
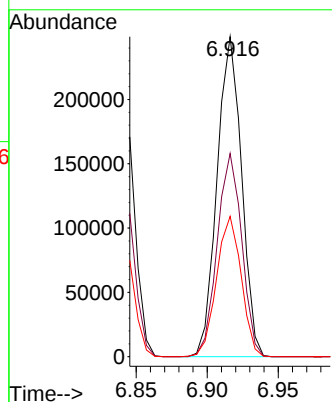
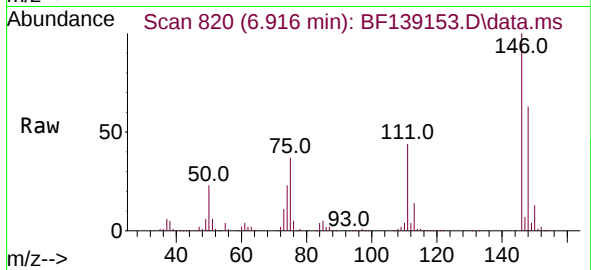
#13
1,4-Dichlorobenzene
Concen: 48.243 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:146 Resp: 298529
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
111 43.8 35.8 53.6

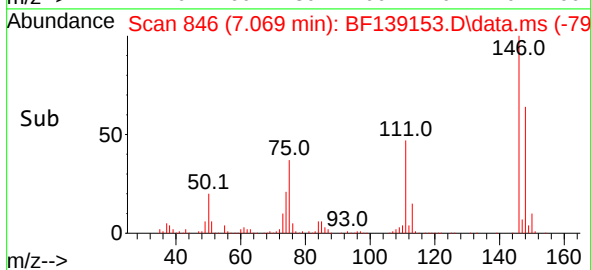
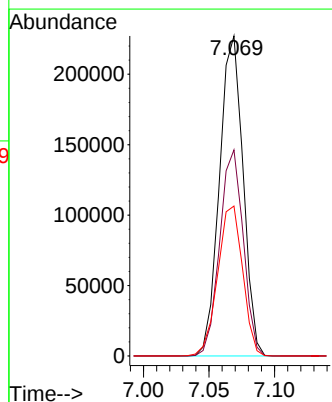
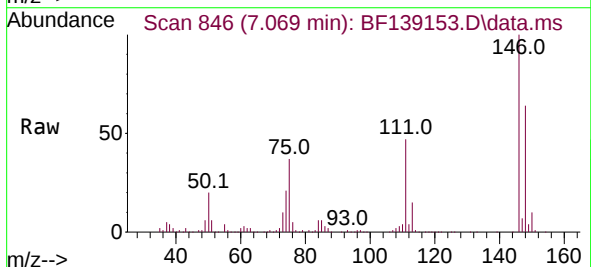
Manual Integrations
APPROVED

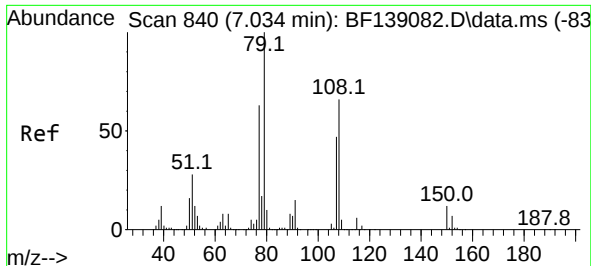
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#14
1,2-Dichlorobenzene
Concen: 50.264 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

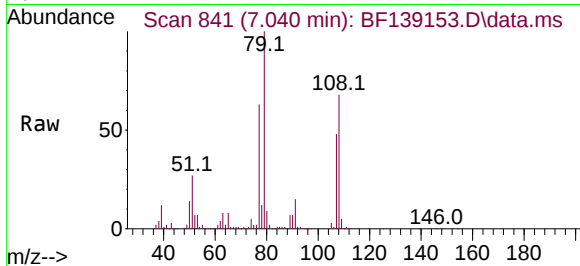
Tgt Ion:146 Resp: 284268
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 46.8 38.1 57.1





#15
Benzyl Alcohol
Concen: 51.513 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

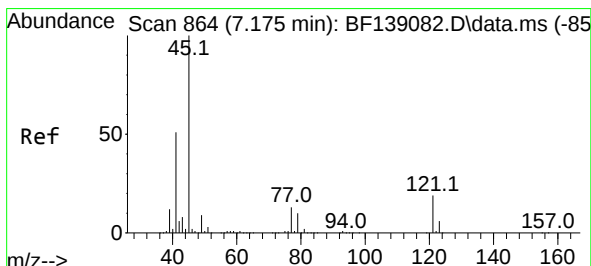
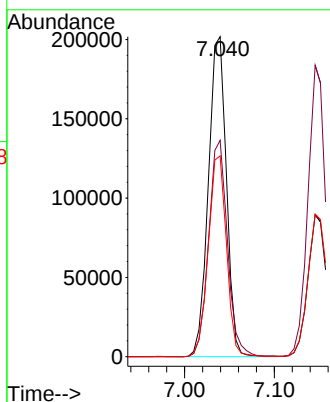
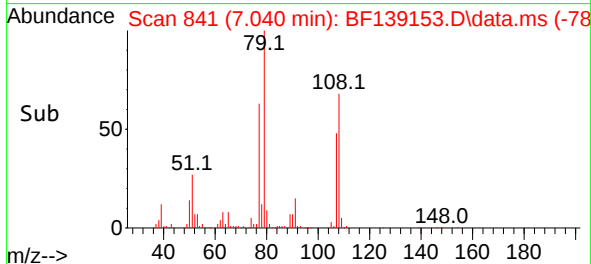
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion: 79 Resp: 281549
Ion Ratio Lower Upper
79 100
108 67.6 52.8 79.2
77 62.7 50.6 76.0

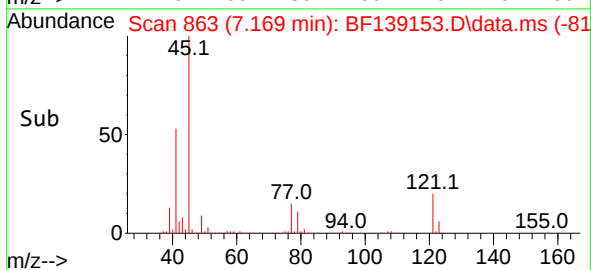
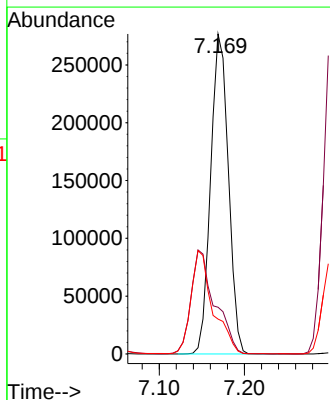
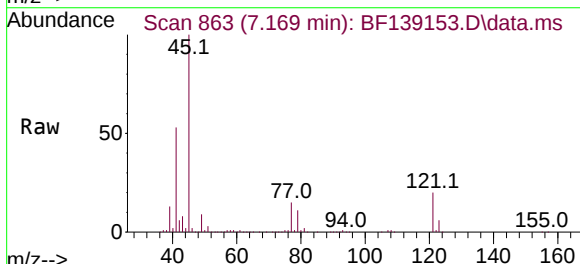
Manual Integrations
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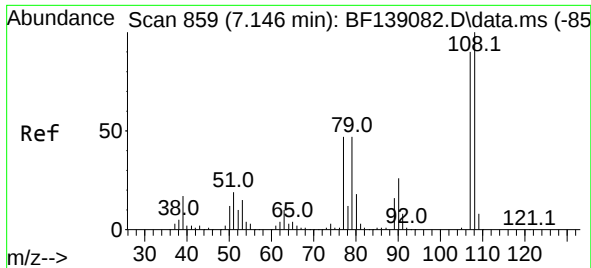
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.117 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 45 Resp: 400358
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 10.9 0.0 30.4





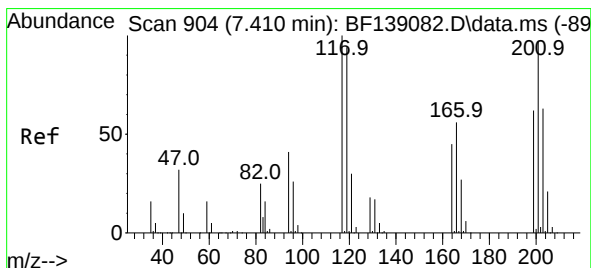
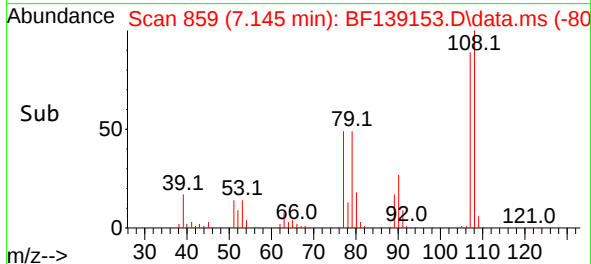
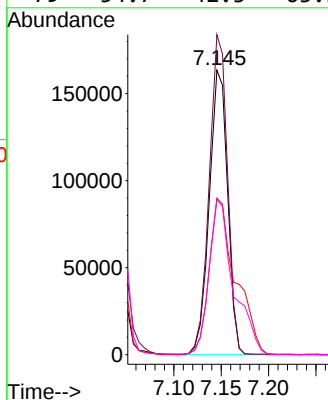
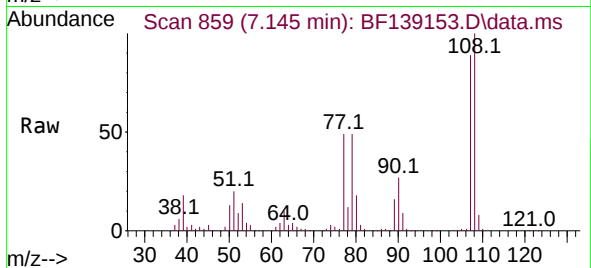
#17
2-Methylphenol
Concen: 49.964 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:107 Resp: 220030
Ion Ratio Lower Upper
107 100
108 112.5 89.1 133.7
77 55.0 42.1 63.1
79 54.7 42.3 63.5

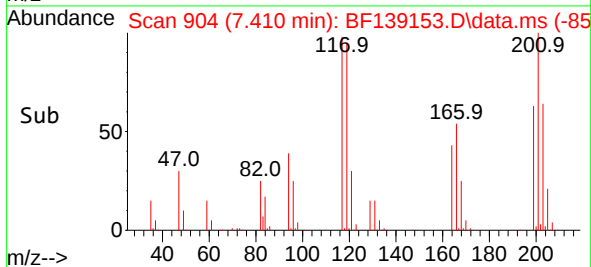
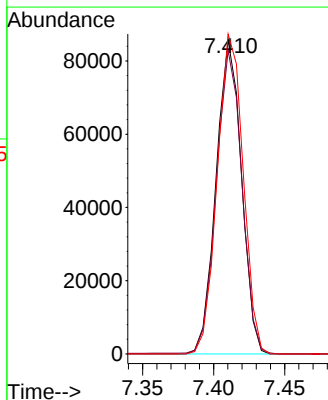
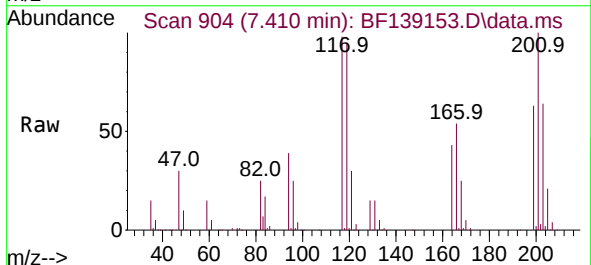
Manual Integrations
APPROVED

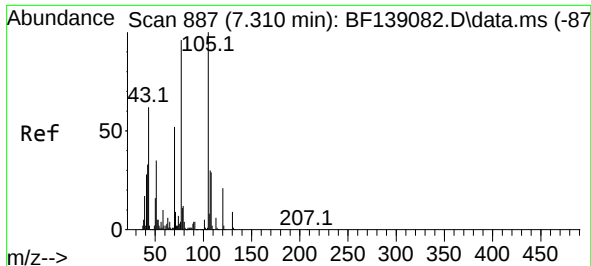
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#18
Hexachloroethane
Concen: 49.030 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

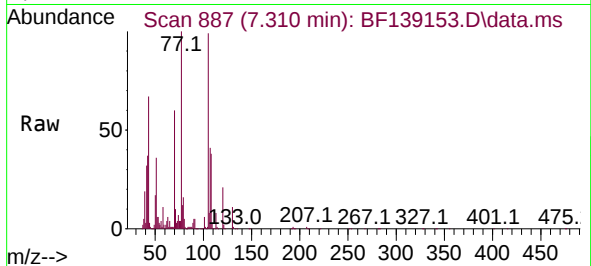
Tgt Ion:117 Resp: 106391
Ion Ratio Lower Upper
117 100
119 96.6 75.5 113.3
201 101.9 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.599 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

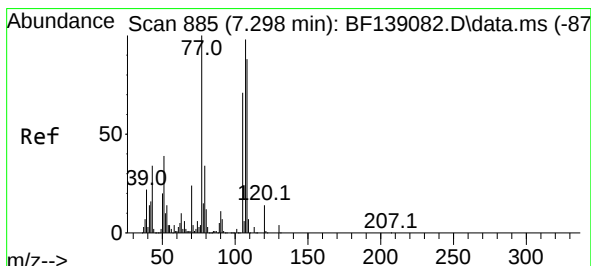
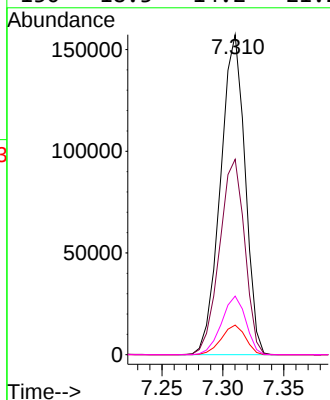
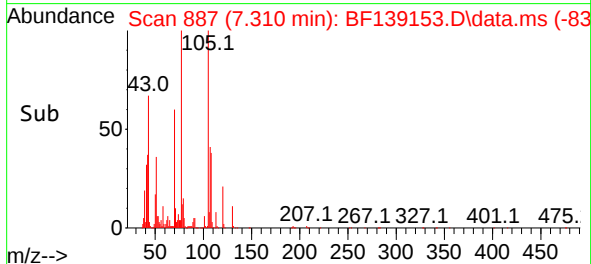
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



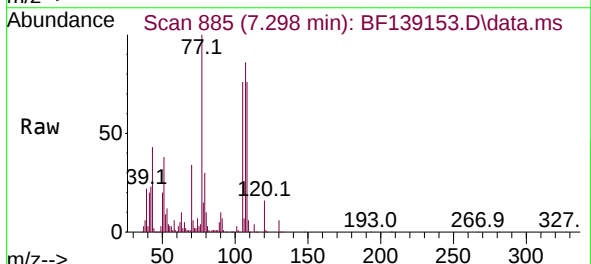
Tgt Ion: 70 Resp: 22070
Ion Ratio Lower Upper
70 100
42 61.0 50.5 75.7
101 9.3 7.2 10.8
130 18.3 14.2 21.2

Manual Integrations
APPROVED

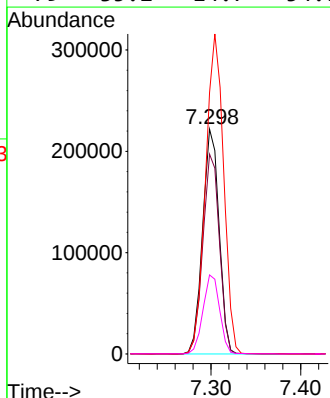
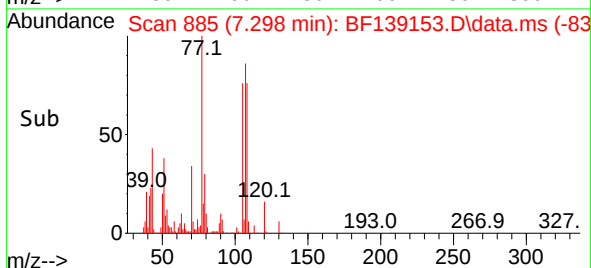
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

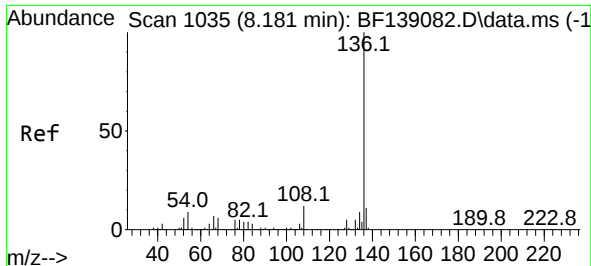


#20
3+4-Methylphenols
Concen: 49.705 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



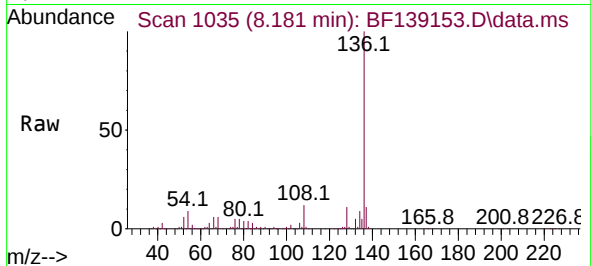
Tgt Ion:107 Resp: 283602
Ion Ratio Lower Upper
107 100
108 88.9 70.2 110.2
77 116.3 82.7 122.7
79 35.2 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

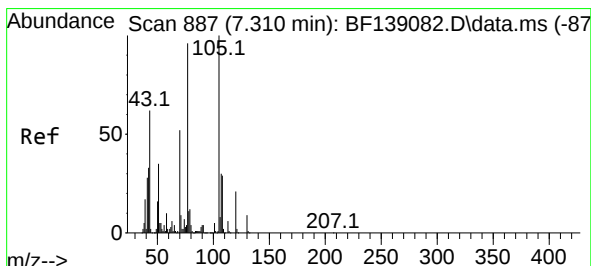
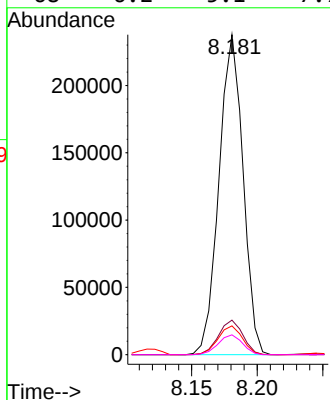
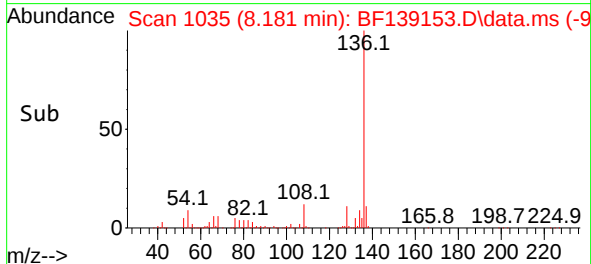
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:136 Resp: 302699
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.0 7.6 11.4
68 6.2 5.1 7.7

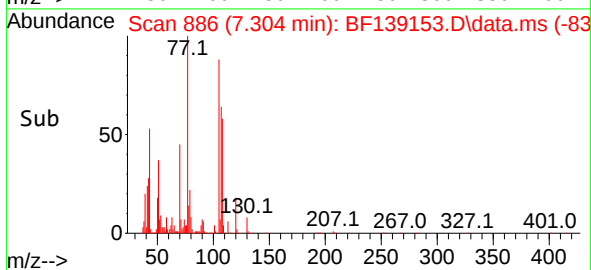
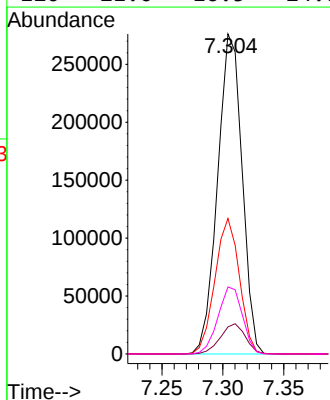
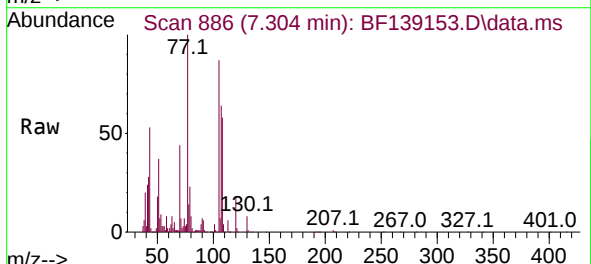
Manual Integrations
APPROVED

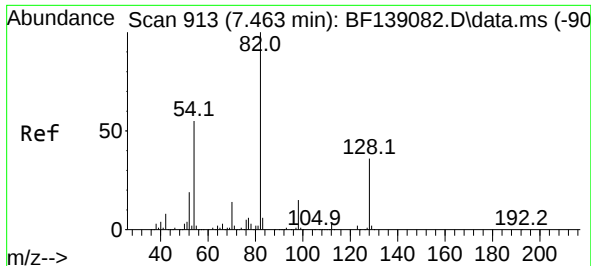
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#22
Acetophenone
Concen: 49.998 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:105 Resp: 386429
Ion Ratio Lower Upper
105 100
71 8.5 7.0 10.6
51 42.3 28.0 42.0#
120 21.0 16.5 24.7





#23

Nitrobenzene-d5

Concen: 81.688 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139153.D

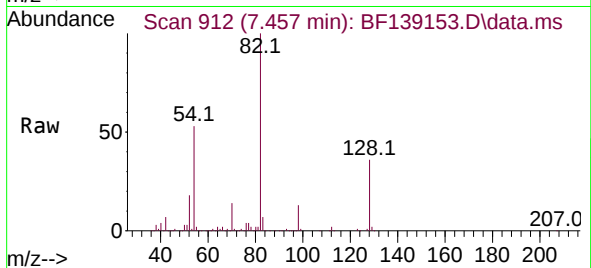
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion: 82 Resp: 424349

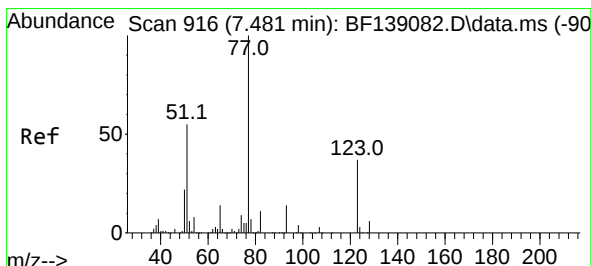
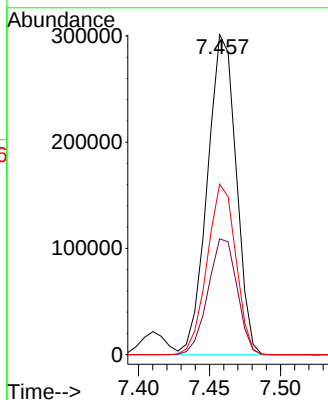
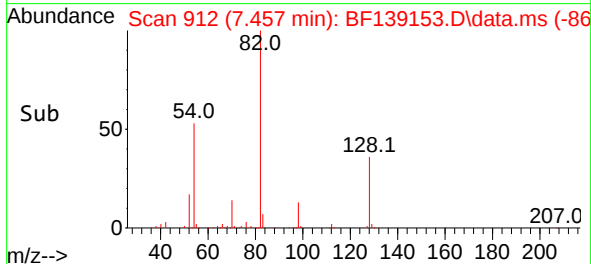
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.0	43.4
54	53.3	43.4	65.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#24

Nitrobenzene

Concen: 56.145 ng

RT: 7.481 min Scan# 916

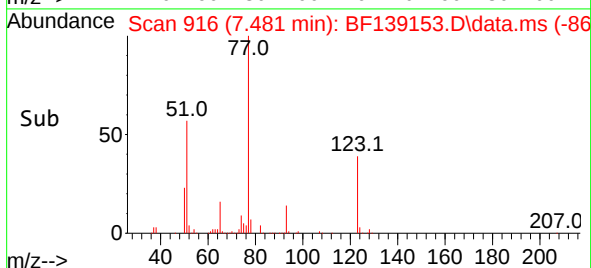
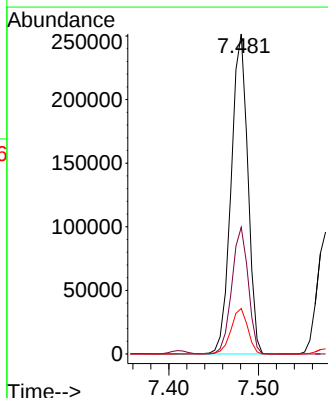
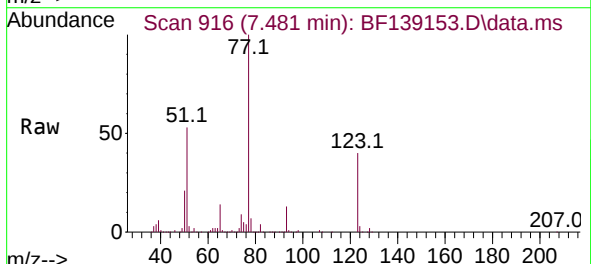
Delta R.T. -0.000 min

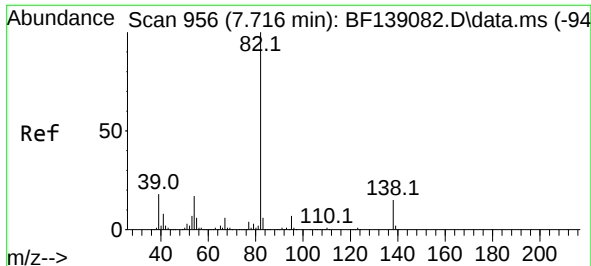
Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion: 77 Resp: 324189

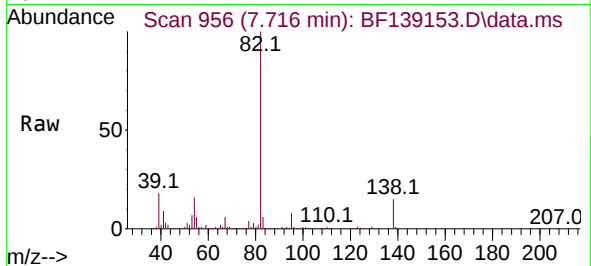
Ion	Ratio	Lower	Upper
77	100		
123	39.6	30.3	45.5
65	14.2	11.3	16.9





#25
Isophorone
Concen: 51.620 ng
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

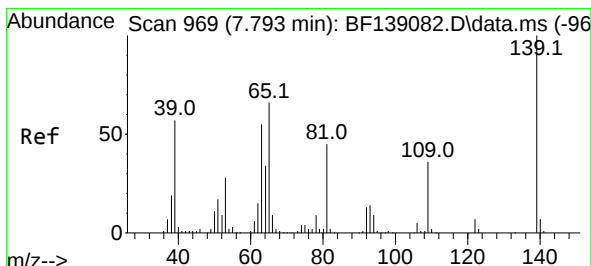
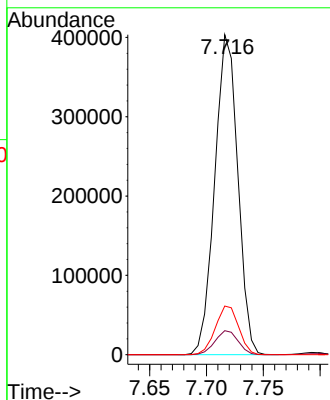
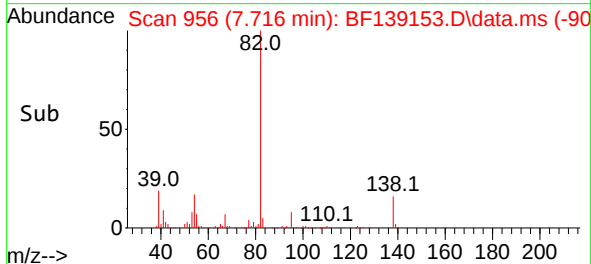
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion: 82 Resp: 569959
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.2 11.8 17.8

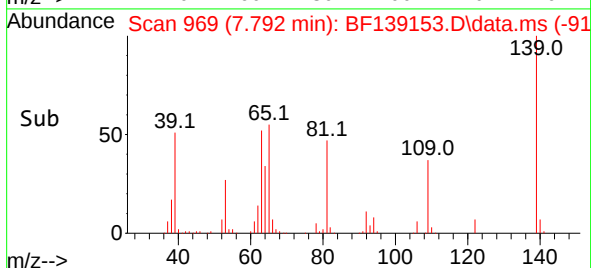
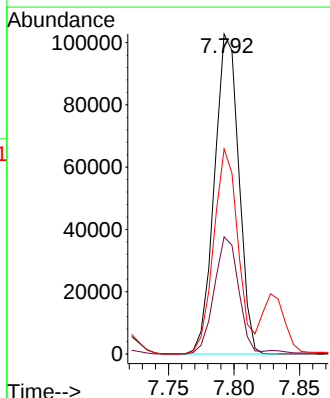
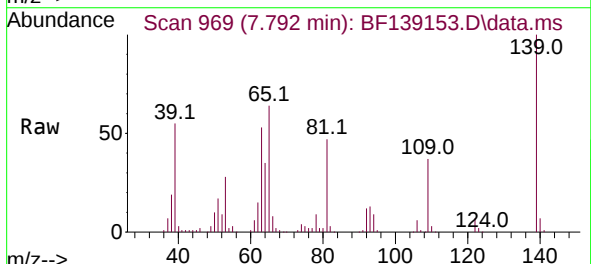
Manual Integrations
APPROVED

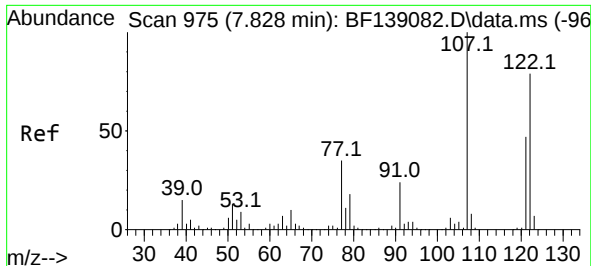
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#26
2-Nitrophenol
Concen: 63.685 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:139 Resp: 132397
Ion Ratio Lower Upper
139 100
109 36.6 29.2 43.8
65 64.1 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 61.160 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139153.D

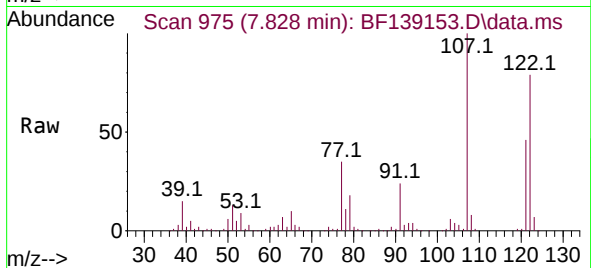
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:122 Resp: 214138

Ion Ratio Lower Upper

122 100

107 126.8 101.1 151.7

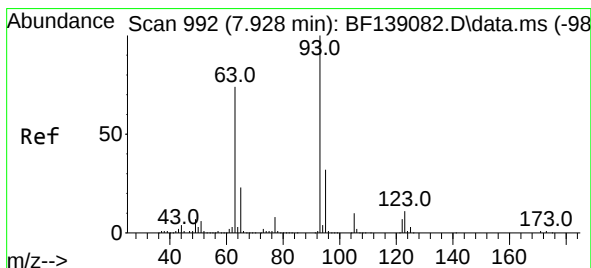
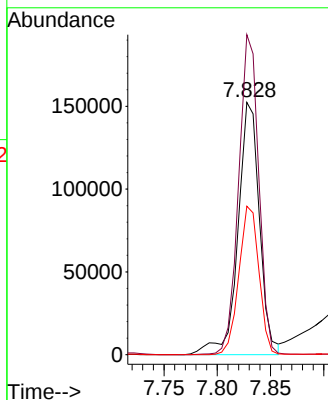
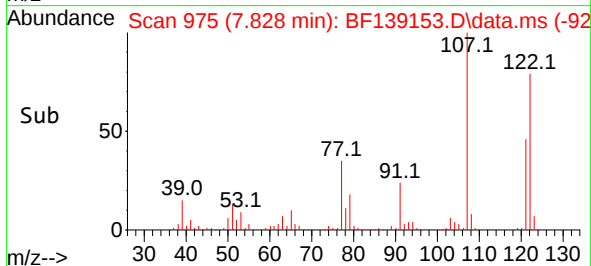
121 58.9 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 50.258 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

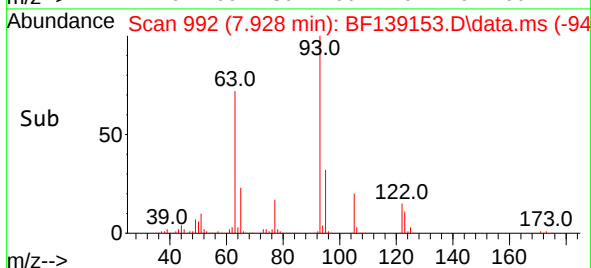
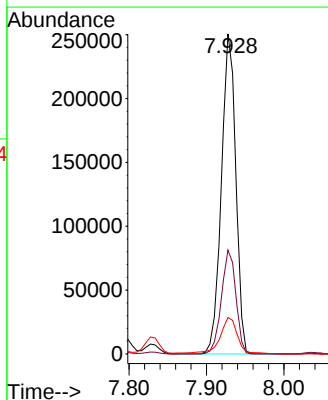
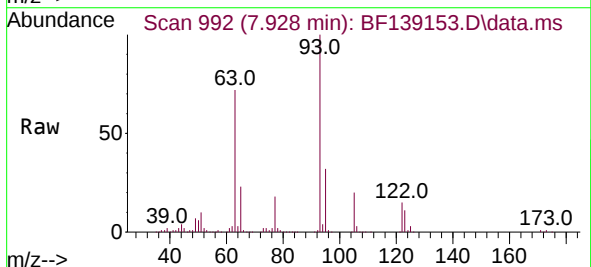
Tgt Ion: 93 Resp: 324238

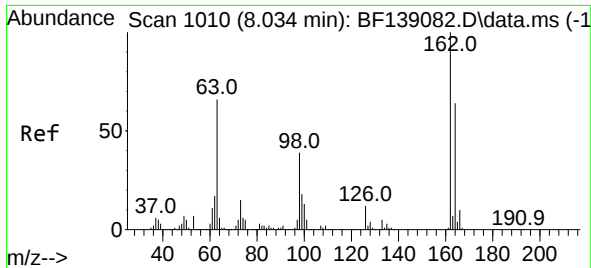
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.281 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:162 Resp: 223680

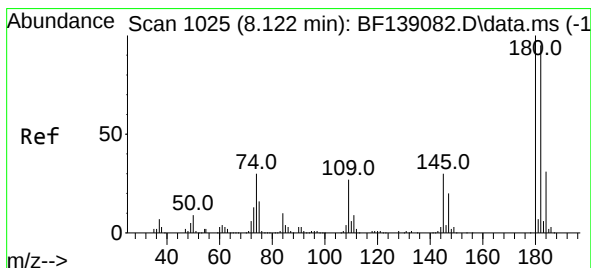
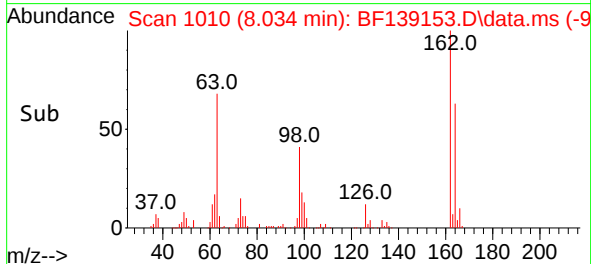
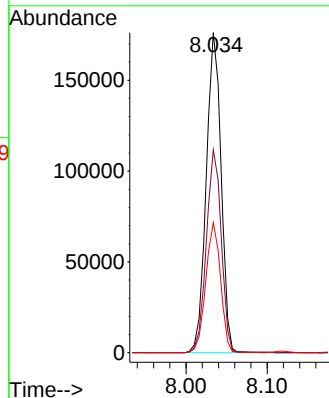
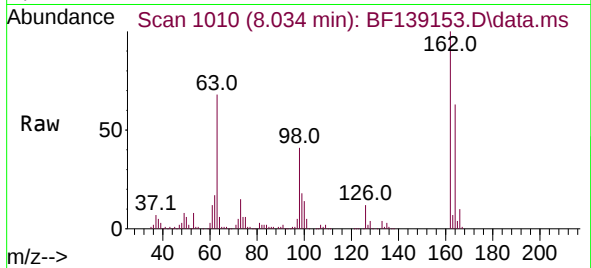
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.9	83.9
98	40.6	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.563 ng

RT: 8.122 min Scan# 1025

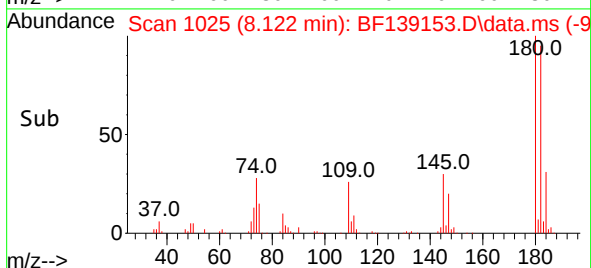
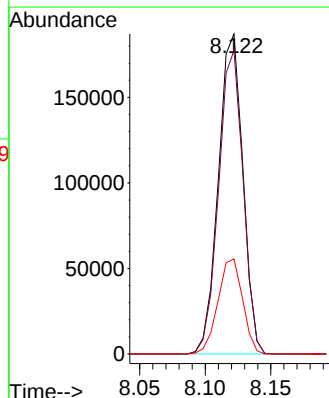
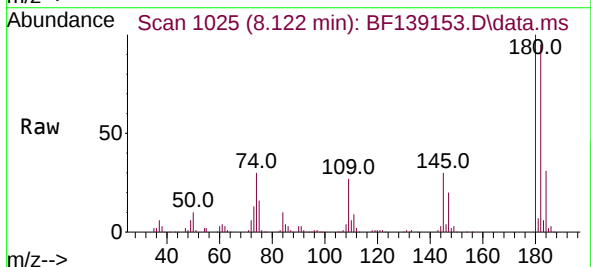
Delta R.T. -0.000 min

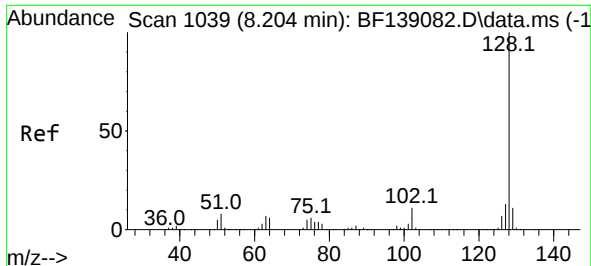
Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:180 Resp: 242931

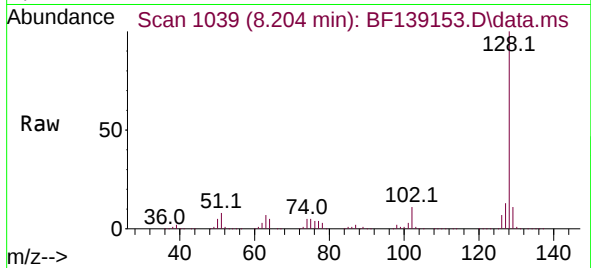
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	29.7	23.9	35.9





#31
Naphthalene
Concen: 50.086 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

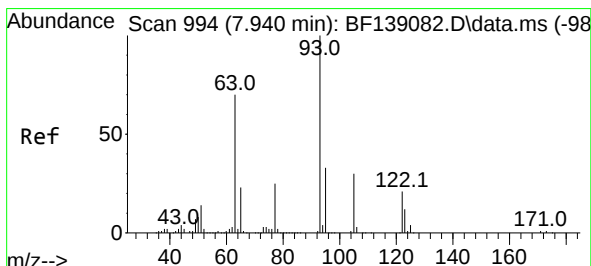
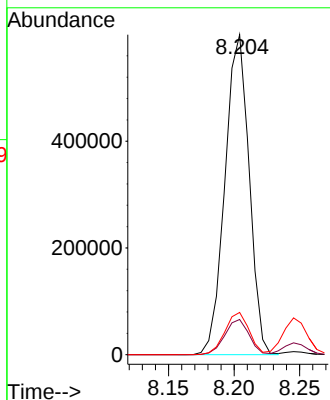
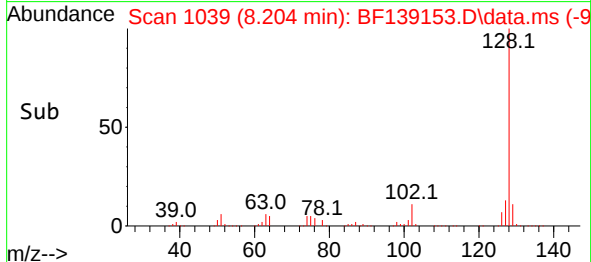
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:128 Resp: 768285
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.7 16.1

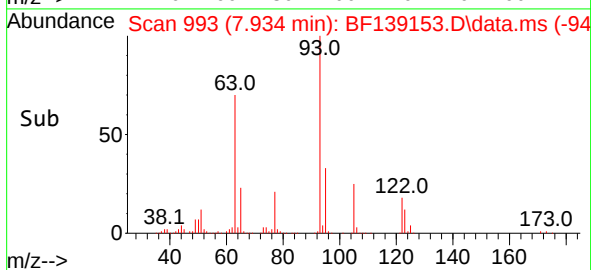
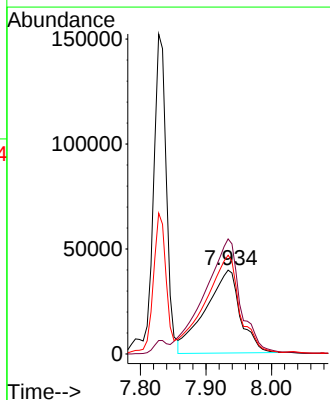
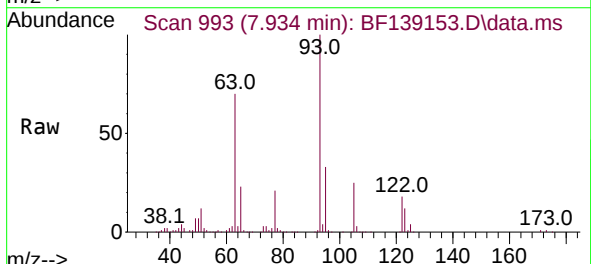
Manual Integrations
APPROVED

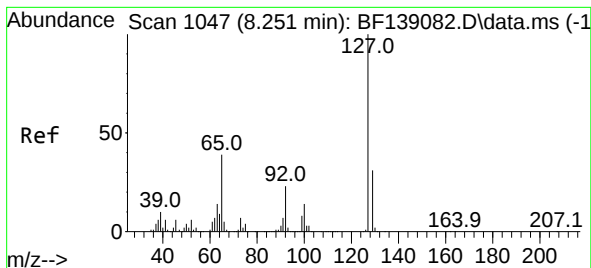
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#32
Benzoic acid
Concen: 49.656 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:122 Resp: 145800
Ion Ratio Lower Upper
122 100
105 137.2 119.6 159.6
77 117.8 97.6 137.6





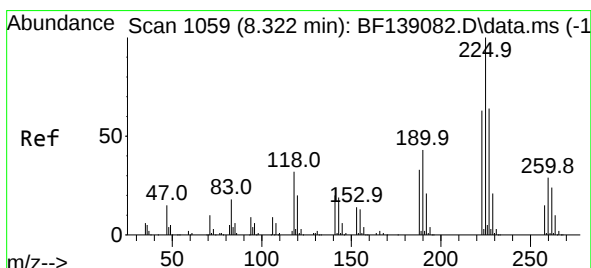
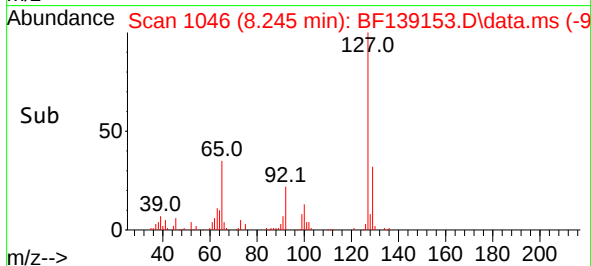
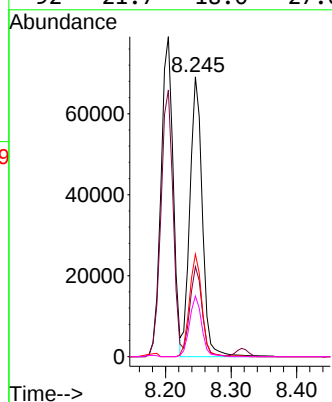
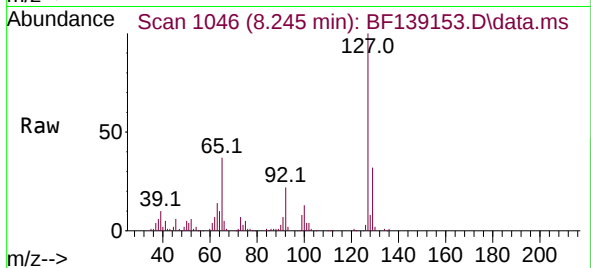
#33
4-Chloroaniline
Concen: 17.415 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:	127	Resp:	9148
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.0	39.0
65	36.7	30.3	45.5
92	21.7	18.0	27.0

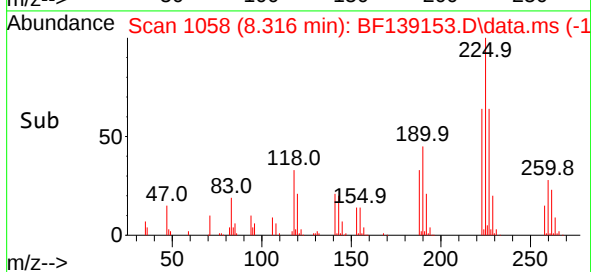
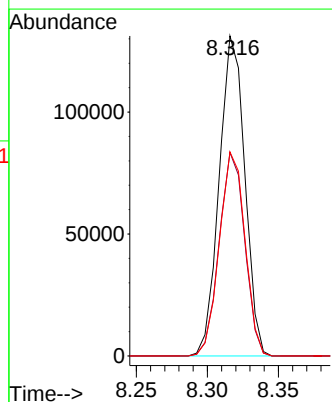
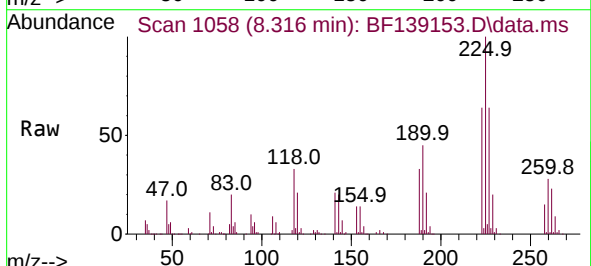
Manual Integrations
APPROVED

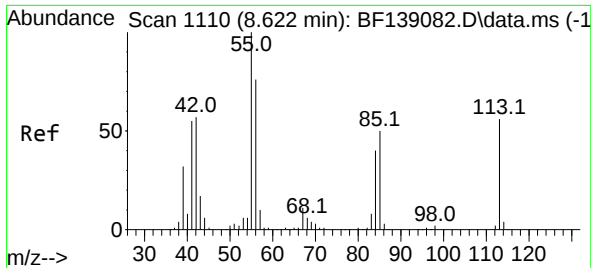
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#34
Hexachlorobutadiene
Concen: 49.253 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

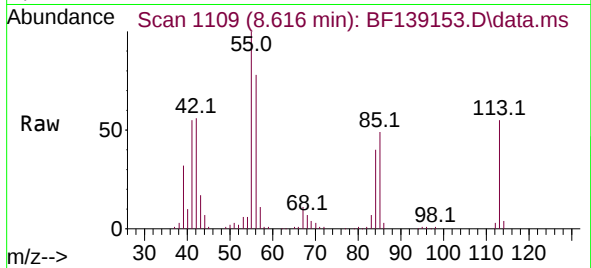
Tgt Ion:	225	Resp:	164330
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.0	75.0
227	63.7	51.4	77.2





#35
Caprolactam
Concen: 48.387 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

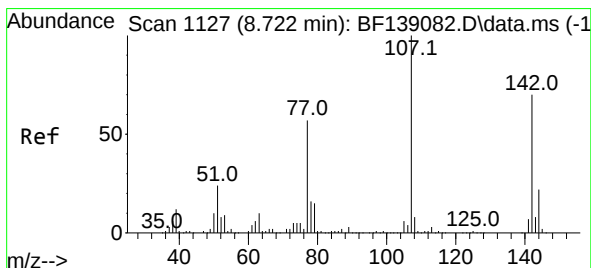
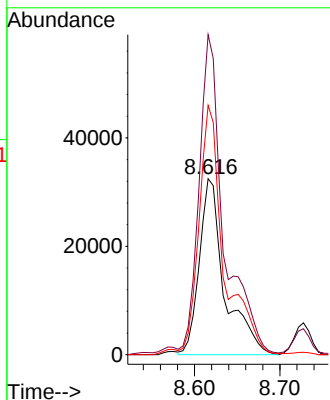
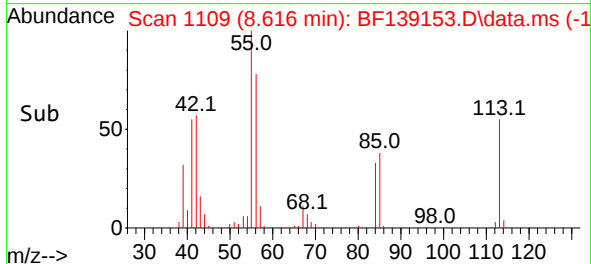
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:113 Resp: 66915
Ion Ratio Lower Upper
113 100
55 181.7 158.6 198.6
56 141.6 115.9 155.9

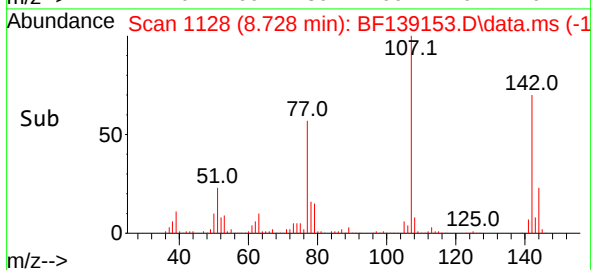
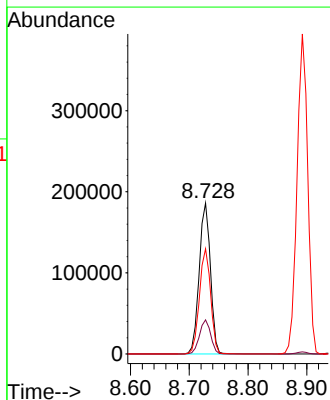
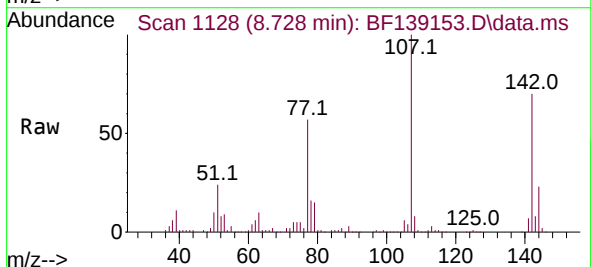
Manual Integrations
APPROVED

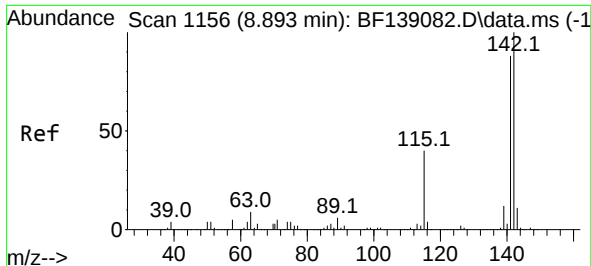
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#36
4-Chloro-3-methylphenol
Concen: 51.228 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

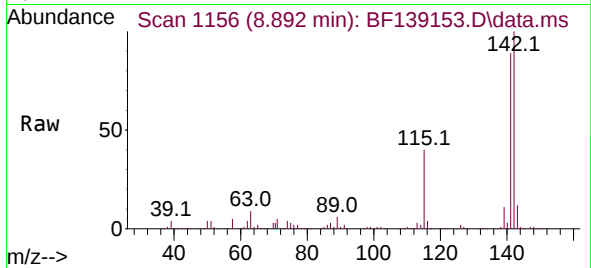
Tgt Ion:107 Resp: 247417
Ion Ratio Lower Upper
107 100
144 22.6 17.7 26.5
142 69.7 55.6 83.4





#37
2-Methylnaphthalene
Concen: 50.506 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

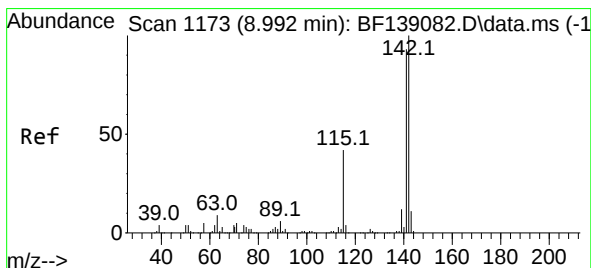
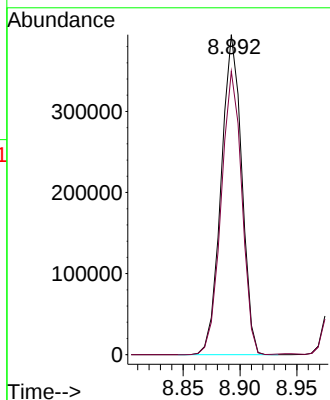
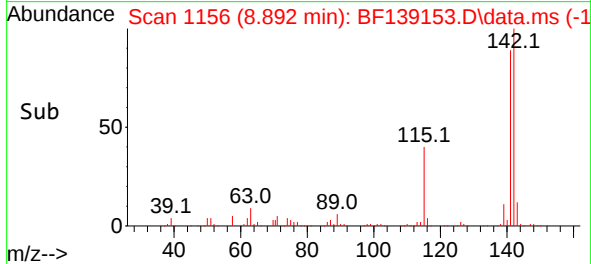
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:142 Resp: 496920
Ion Ratio Lower Upper
142 100
141 88.6 70.6 105.8

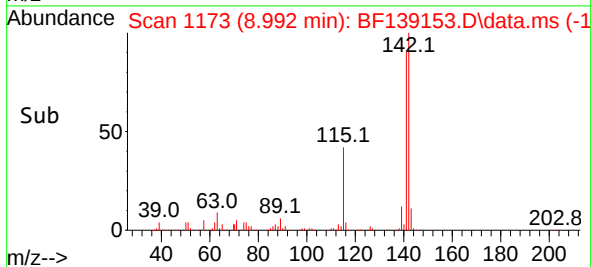
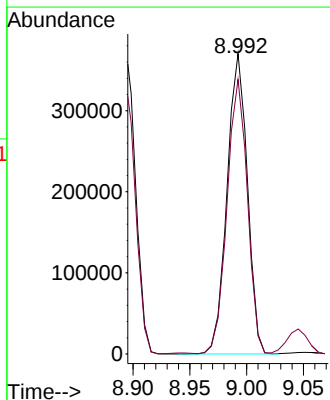
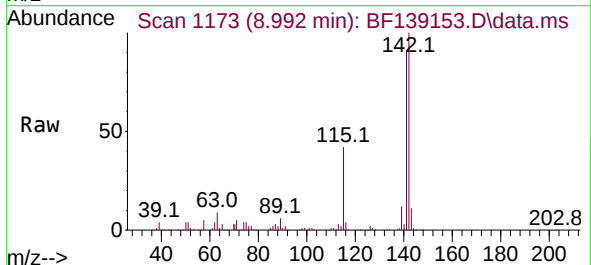
Manual Integrations
APPROVED

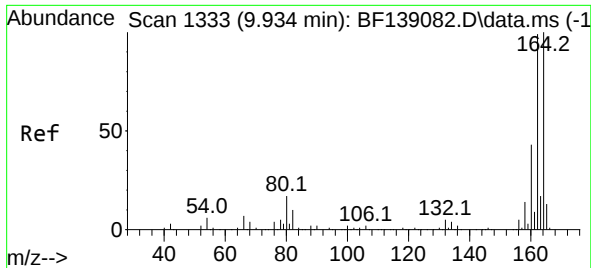
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#38
1-Methylnaphthalene
Concen: 48.519 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

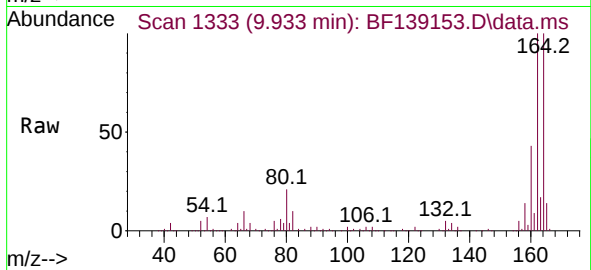
Tgt Ion:142 Resp: 460724
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

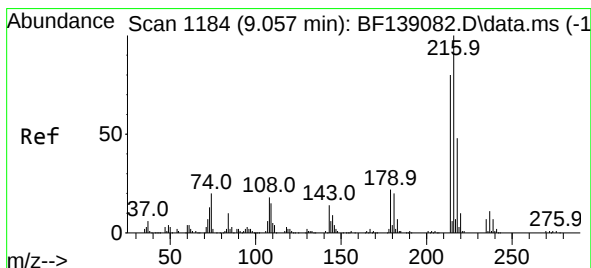
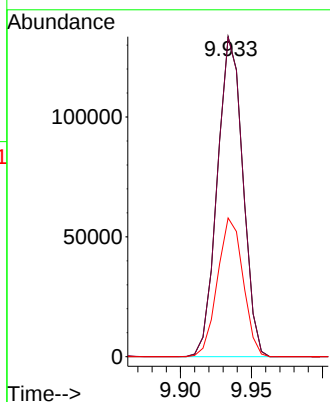
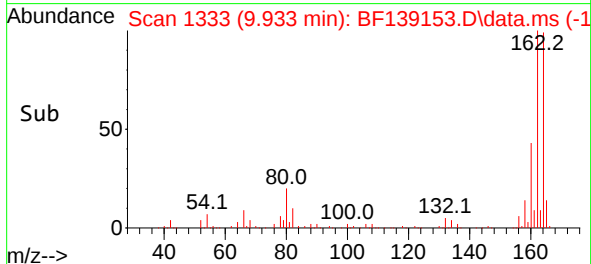
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:164 Resp: 166762
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.3 34.5 51.7

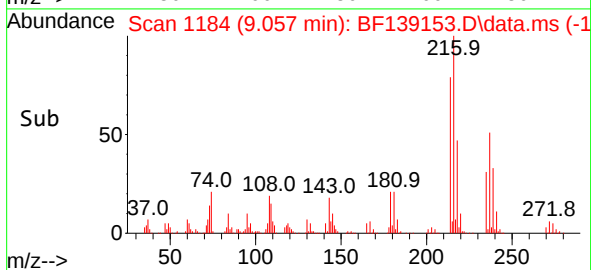
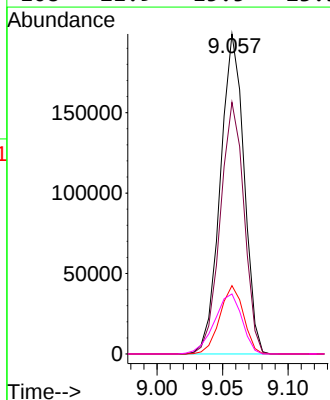
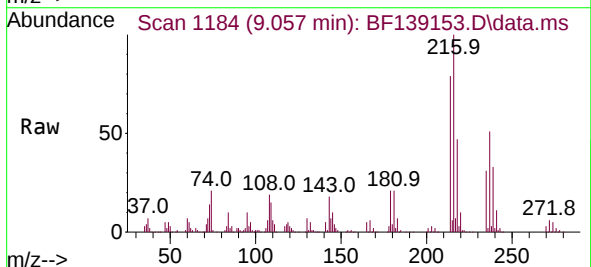
Manual Integrations
APPROVED

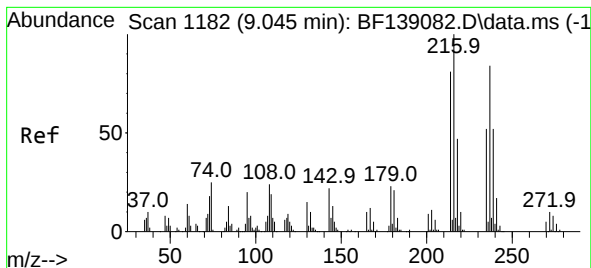
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.536 ng
RT: 9.057 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:216 Resp: 249962
Ion Ratio Lower Upper
216 100
214 78.6 64.2 96.2
179 21.3 17.4 26.2
108 21.9 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 192.847 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

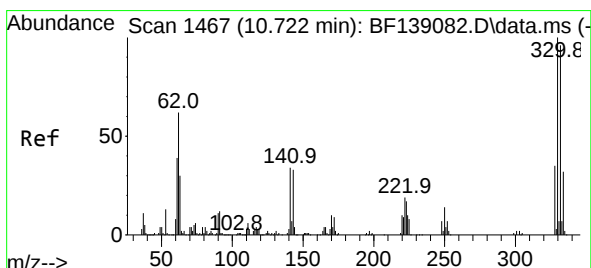
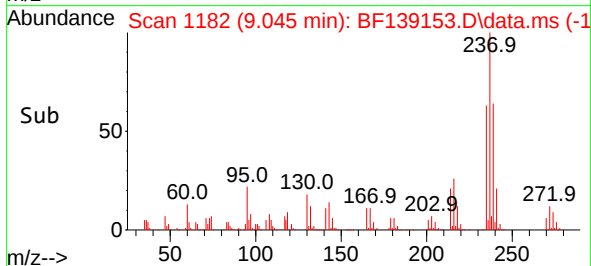
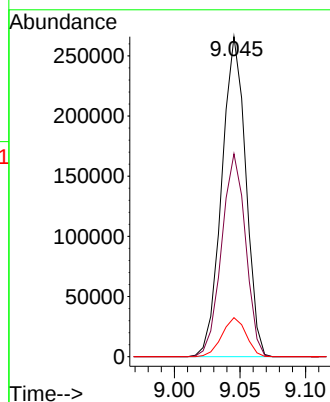
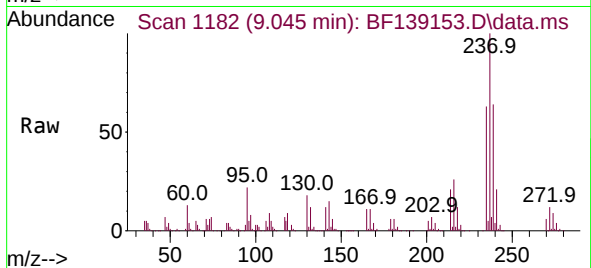
Tgt Ion:	237	Resp:	33838
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.5	82.5
272	12.2	0.0	32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#42

2,4,6-Tribromophenol

Concen: 84.178 ng

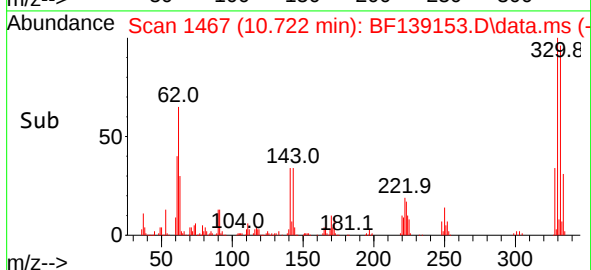
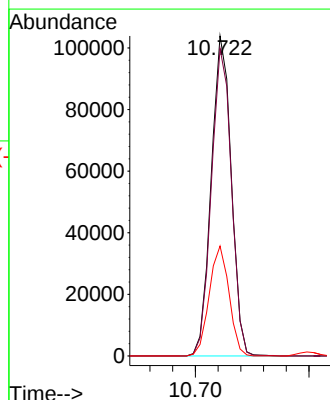
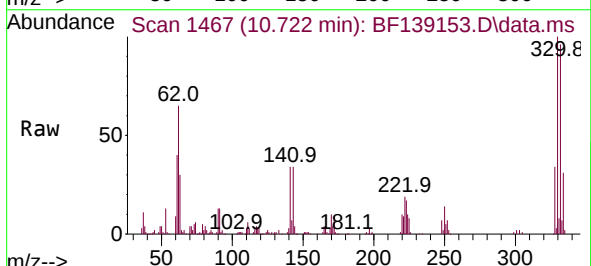
RT: 10.722 min Scan# 1467

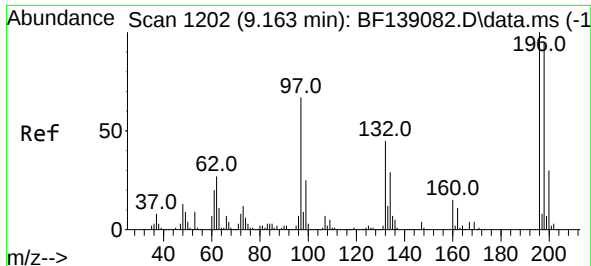
Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:	330	Resp:	127081
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	34.0	27.5	41.3





#43

2,4,6-Trichlorophenol

Concen: 54.347 ng

RT: 9.169 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BF139153.D

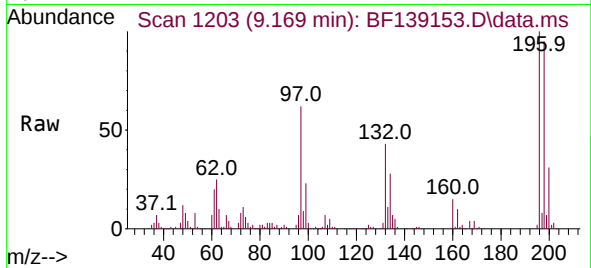
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:196 Resp: 167440

Ion Ratio Lower Upper

196 100

198 95.5 76.4 114.6

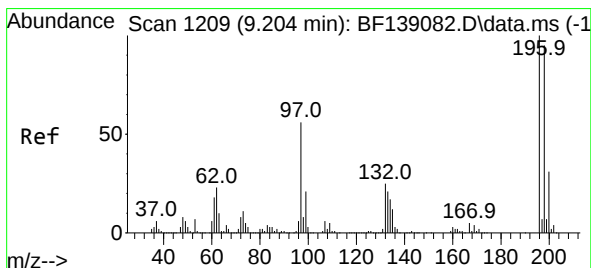
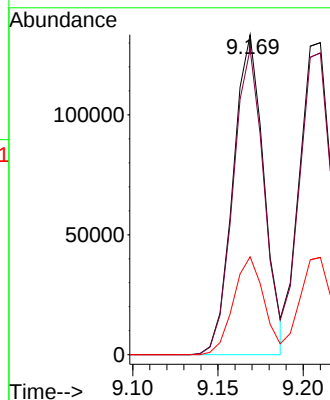
200 30.6 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#44

2,4,5-Trichlorophenol

Concen: 53.593 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:196 Resp: 169486

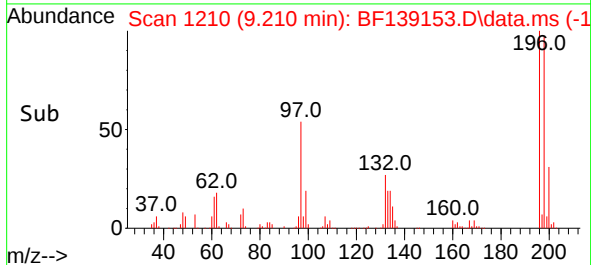
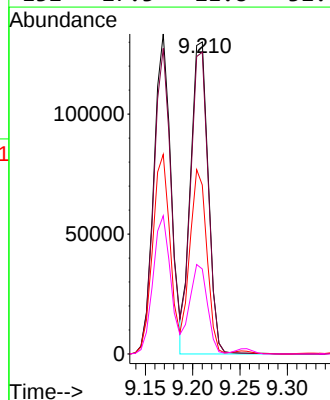
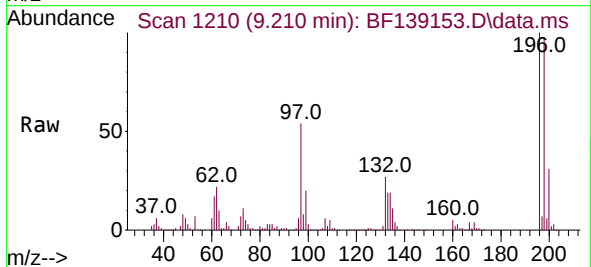
Ion Ratio Lower Upper

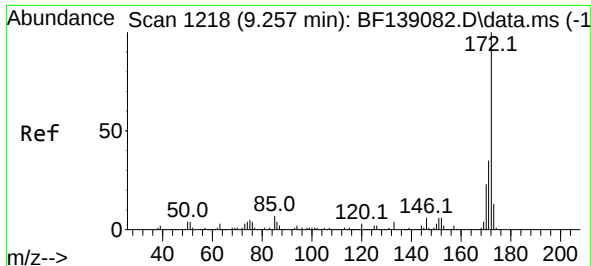
196 100

198 96.7 76.6 114.8

97 54.1 44.6 67.0

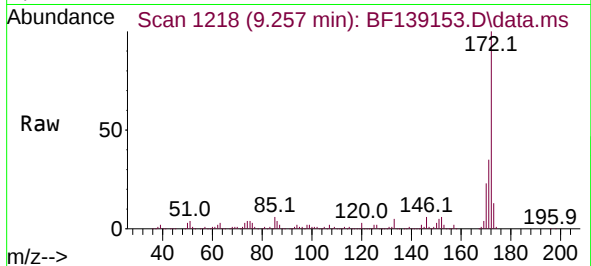
132 27.3 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 50.576 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

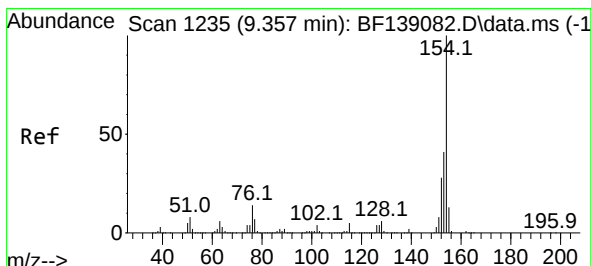
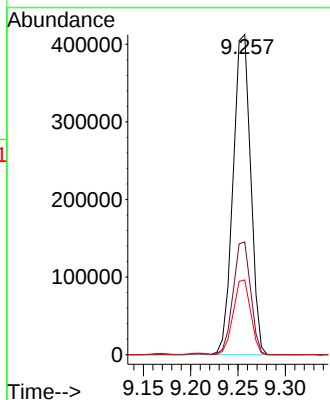
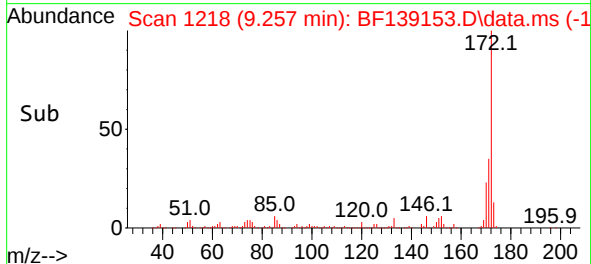
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD



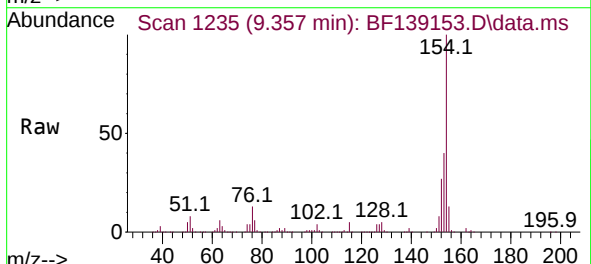
Tgt Ion:172 Resp: 531578
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 18.8 28.2

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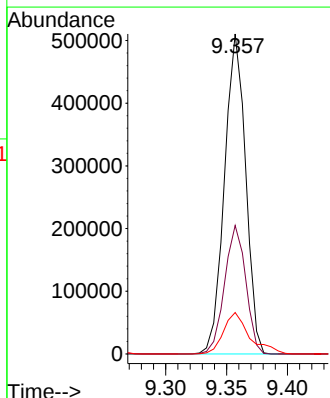
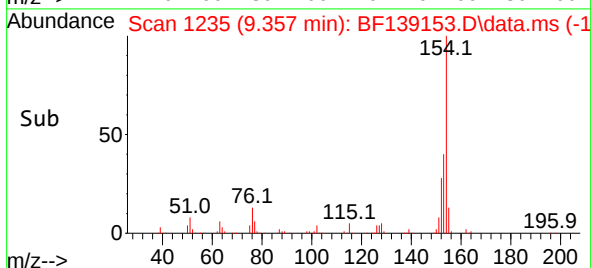
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

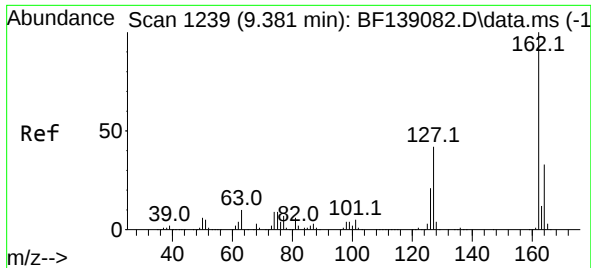


#46
1,1'-Biphenyl
Concen: 54.096 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



Tgt Ion:154 Resp: 617969
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 12.9 0.0 33.6





#47

2-Chloronaphthalene

Concen: 51.476 ng

RT: 9.381 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF139153.D

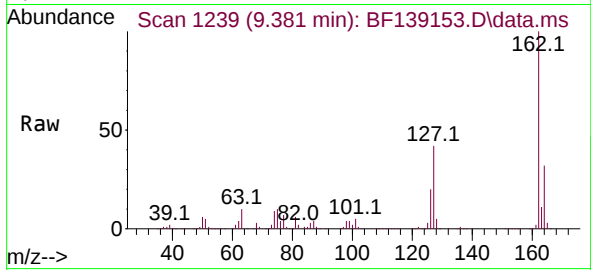
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:162 Resp: 47780

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

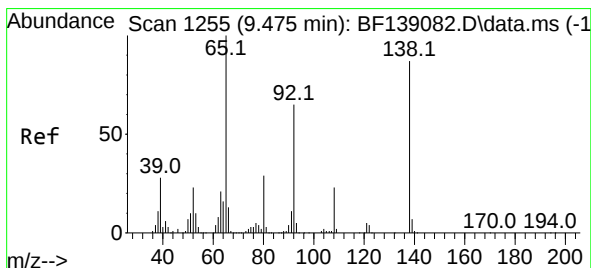
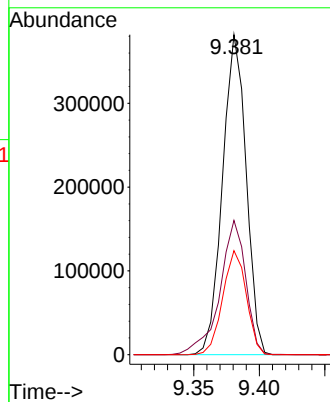
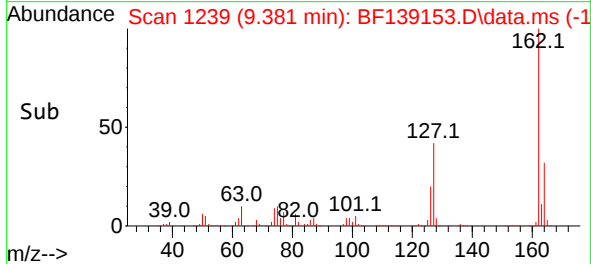
164 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#48

2-Nitroaniline

Concen: 58.617 ng

RT: 9.475 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

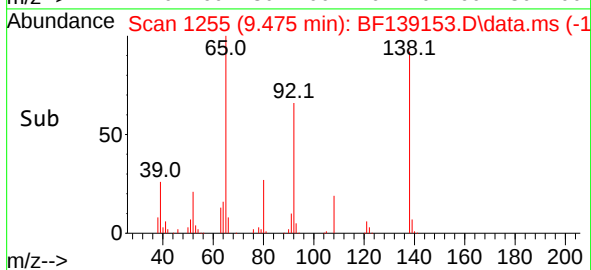
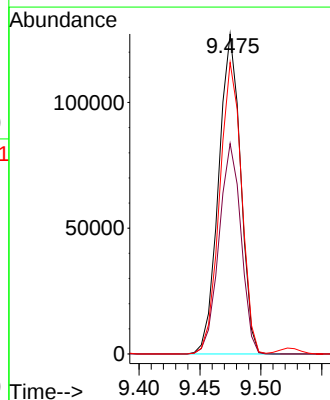
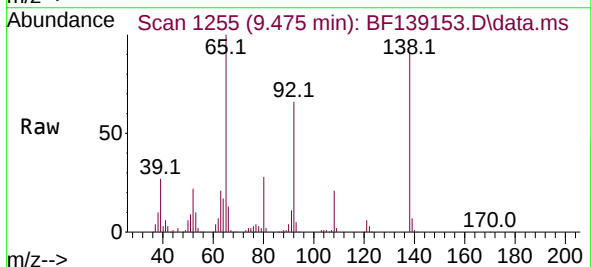
Tgt Ion: 65 Resp: 159711

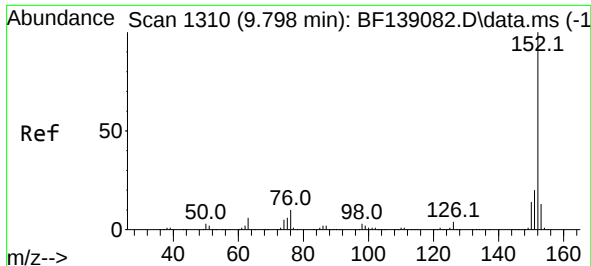
Ion Ratio Lower Upper

65 100

92 65.8 52.4 78.6

138 91.1 69.4 104.0





#49

Acenaphthylene

Concen: 55.828 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139153.D

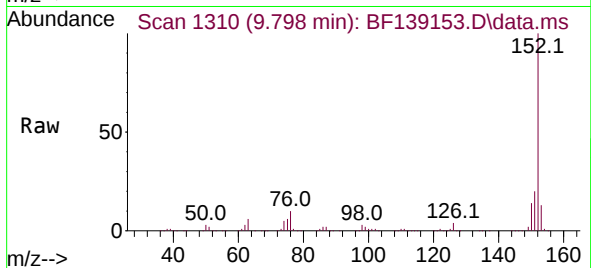
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:152 Resp: 74231

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

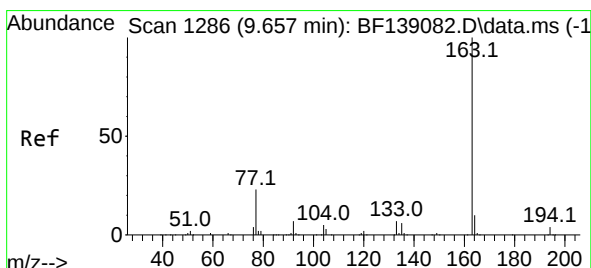
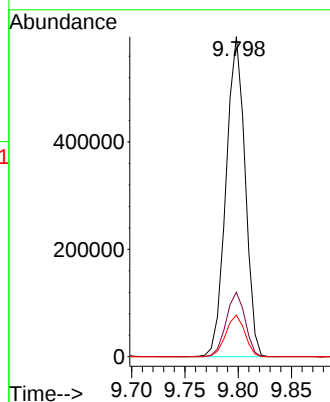
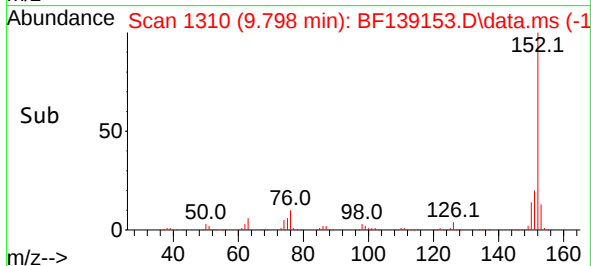
153 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#50

Dimethylphthalate

Concen: 54.891 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

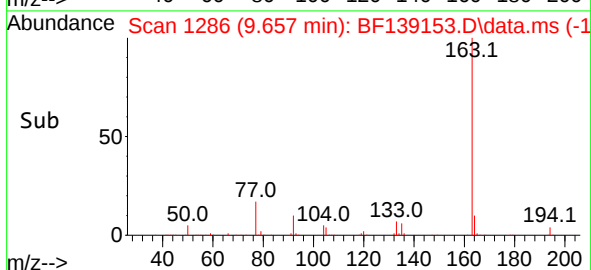
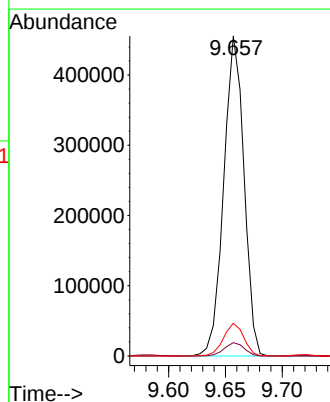
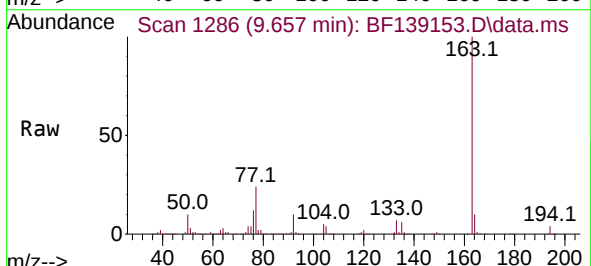
Tgt Ion:163 Resp: 565118

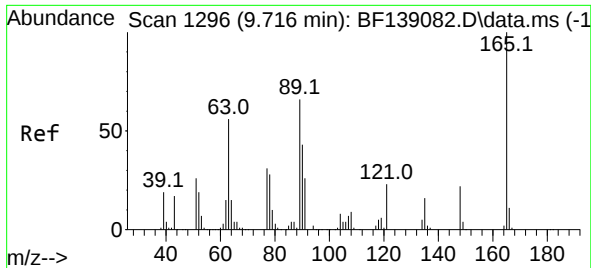
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

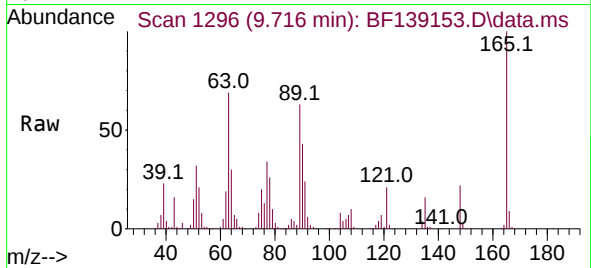
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 57.761 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

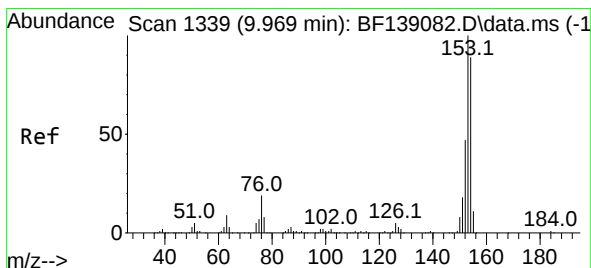
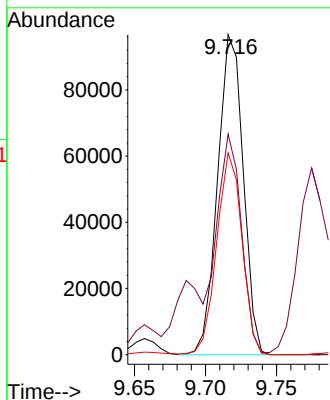
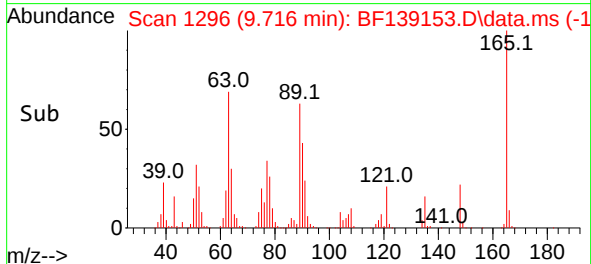
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:165 Resp: 121372
Ion Ratio Lower Upper
165 100
63 68.9 58.0 87.0
89 63.1 53.3 79.9

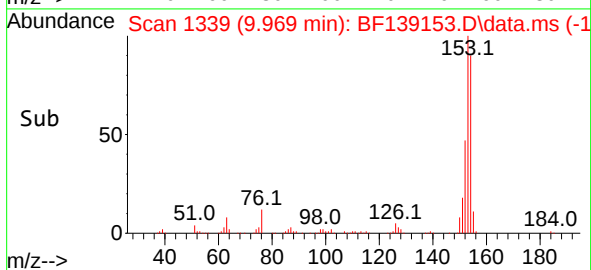
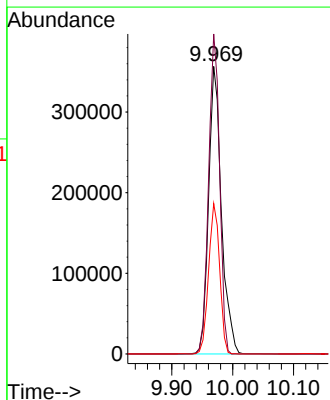
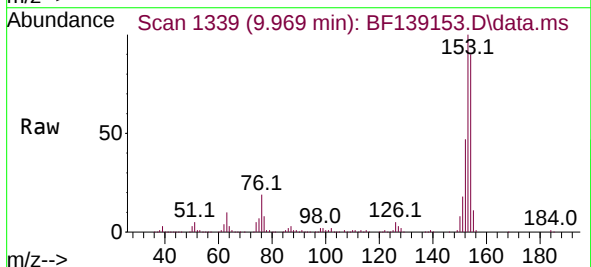
Manual Integrations
APPROVED

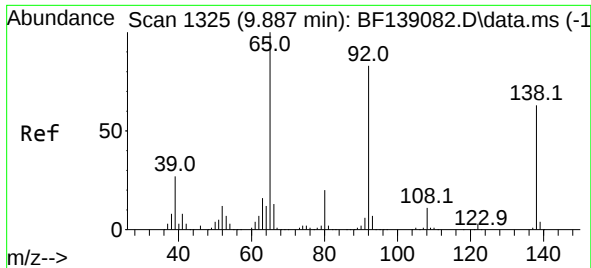
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#52
Acenaphthene
Concen: 59.537 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

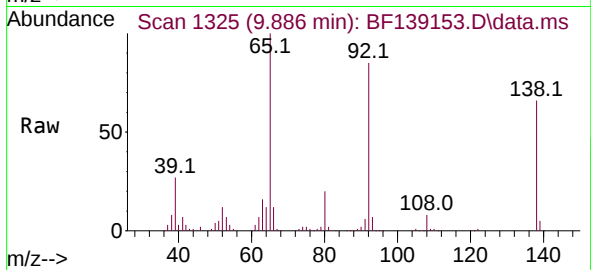
Tgt Ion:154 Resp: 522918
Ion Ratio Lower Upper
154 100
153 111.3 89.7 134.5
152 52.3 42.3 63.5





#53
3-Nitroaniline
Concen: 34.339 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

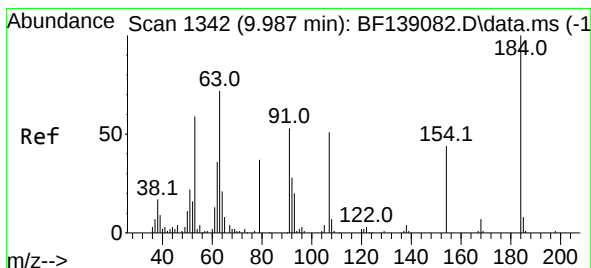
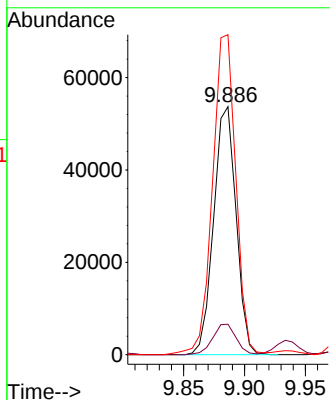
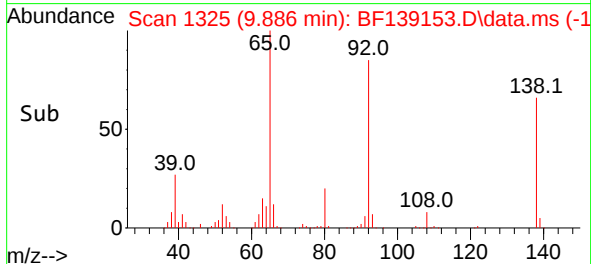
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:138 Resp: 6903
Ion Ratio Lower Upper
138 100
108 12.3 14.6 21.8
92 129.0 105.9 158.9

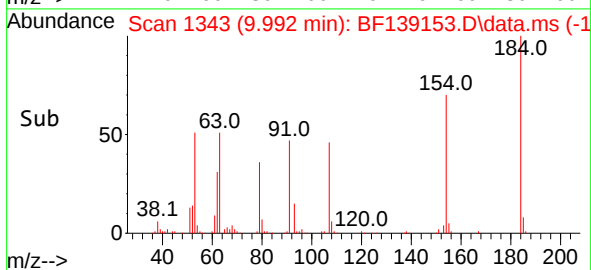
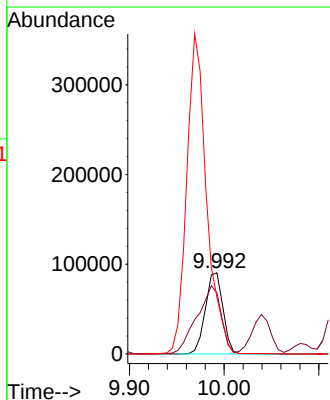
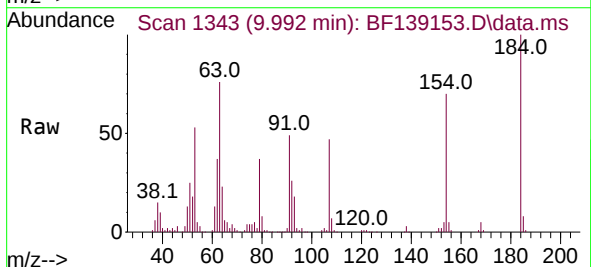
Manual Integrations
APPROVED

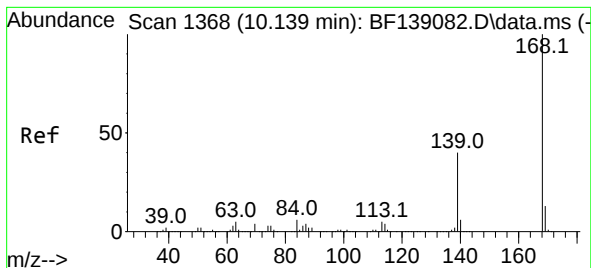
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#54
2,4-Dinitrophenol
Concen: 107.382 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion:184 Resp: 116680
Ion Ratio Lower Upper
184 100
63 75.6 70.5 105.7
154 69.9 135.0 202.6





#55

Dibenzofuran

Concen: 52.606 ng

RT: 10.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139153.D

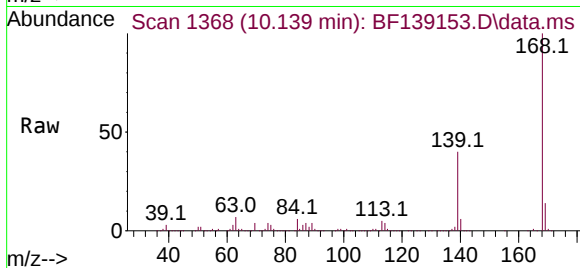
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:168 Resp: 671119

Ion Ratio Lower Upper

168 100

139 39.8 31.6 47.4

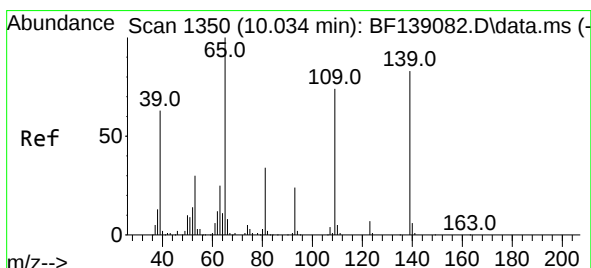
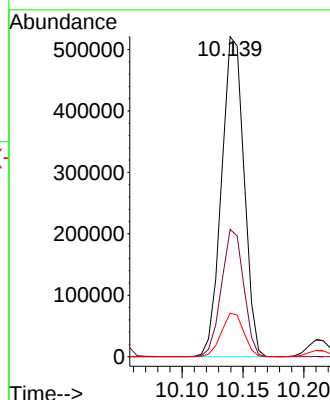
169 13.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#56

4-Nitrophenol

Concen: 102.098 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

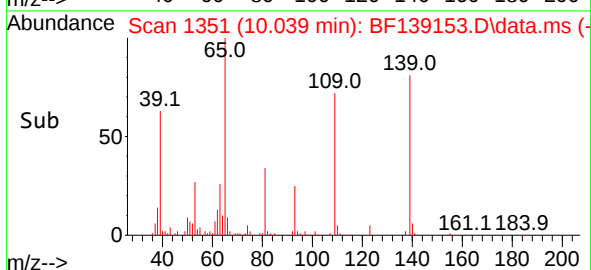
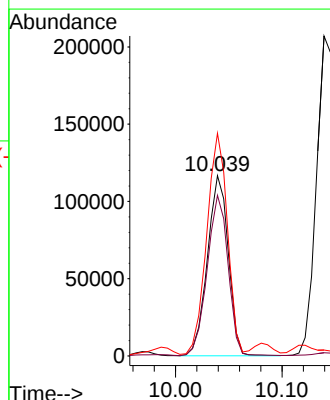
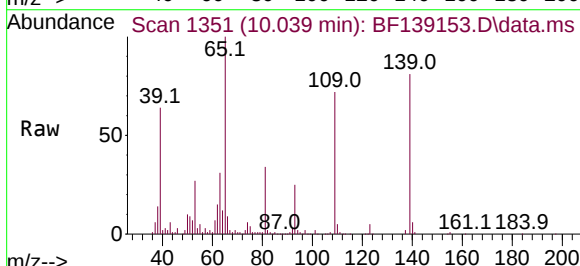
Tgt Ion:139 Resp: 158883

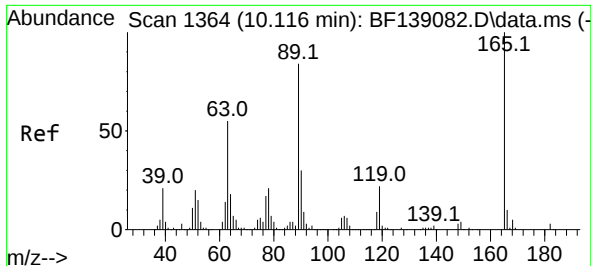
Ion Ratio Lower Upper

139 100

109 89.0 68.8 108.8

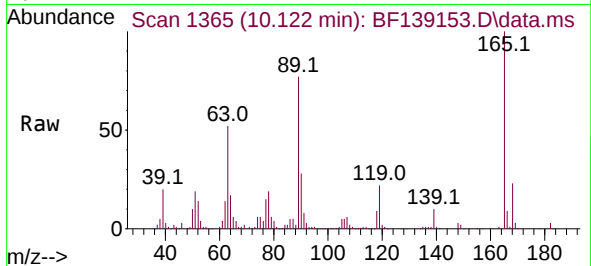
65 123.5 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 59.013 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

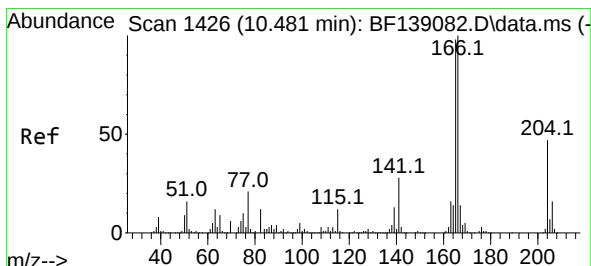
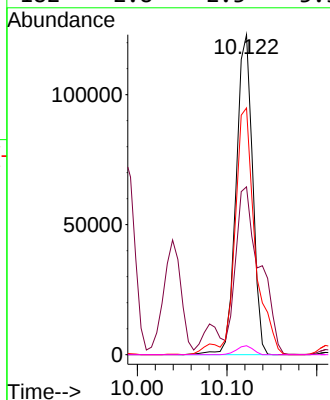
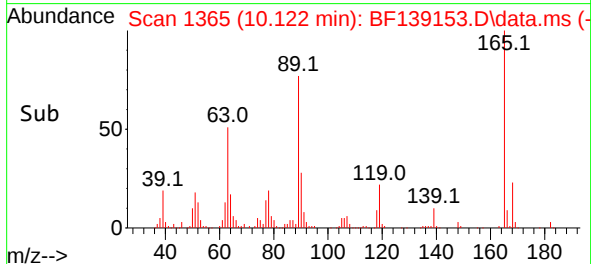
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:165 Resp: 156500
Ion Ratio Lower Upper
165 100
63 52.5 44.2 66.4
89 77.1 67.4 101.2
182 2.8 2.3 3.5

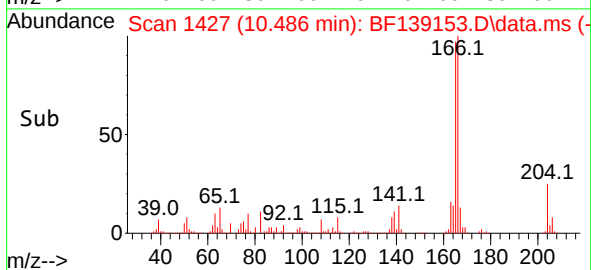
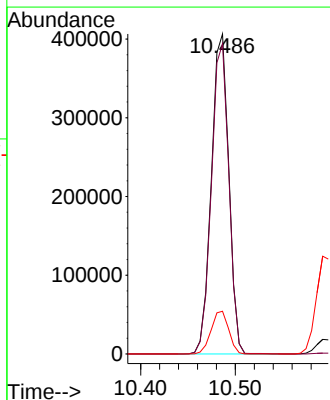
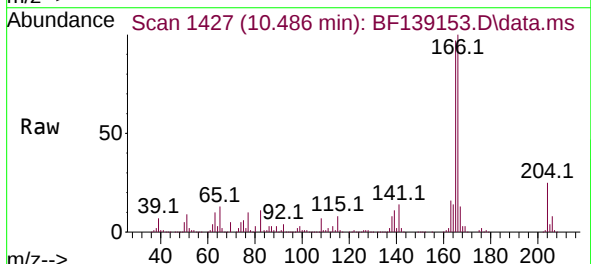
Manual Integrations
APPROVED

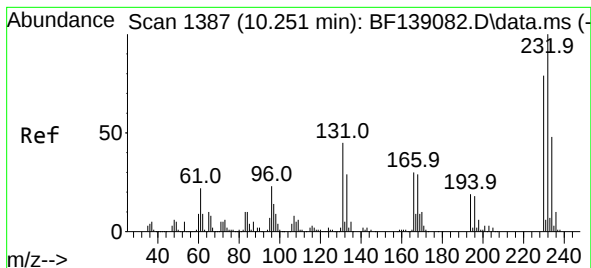
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#58
Fluorene
Concen: 50.792 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

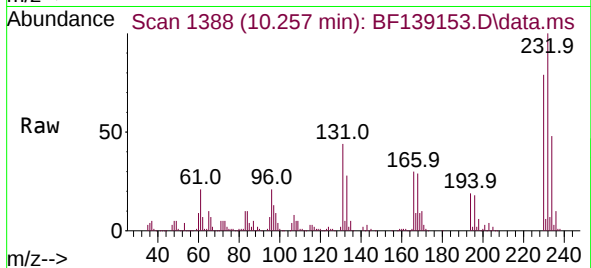
Tgt Ion:166 Resp: 517843
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.815 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

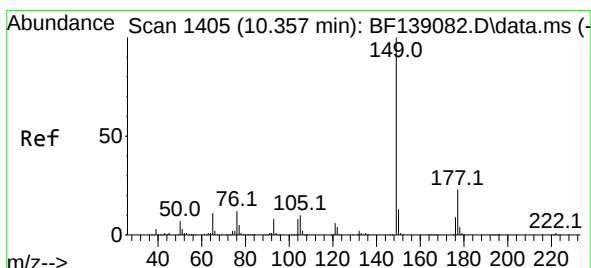
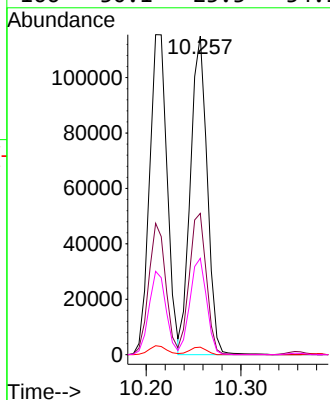
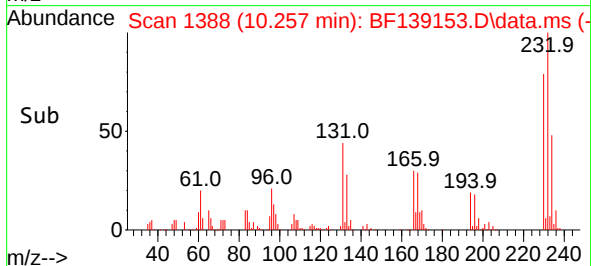
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:232 Resp: 141720
Ion Ratio Lower Upper
232 100
131 45.1 36.0 54.0
130 2.4 2.0 3.0
166 30.1 23.3 34.9

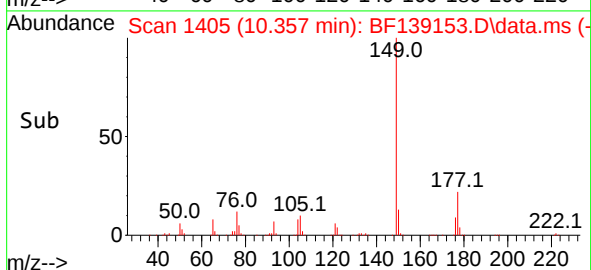
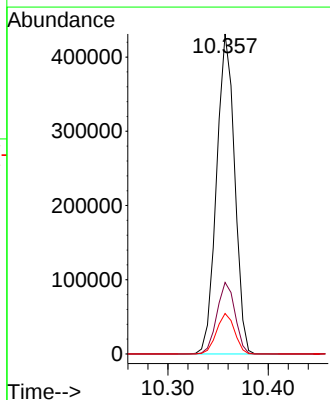
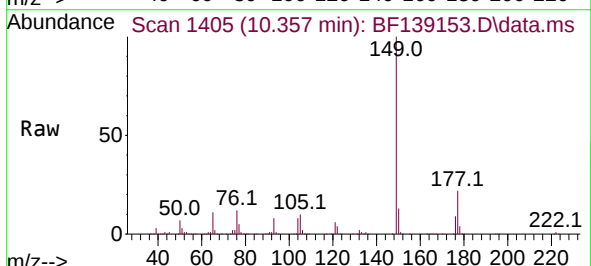
Manual Integrations
APPROVED

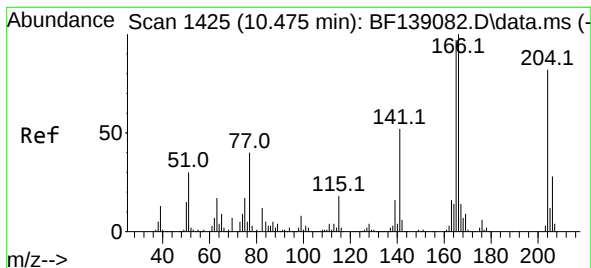
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#60
Diethylphthalate
Concen: 52.900 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

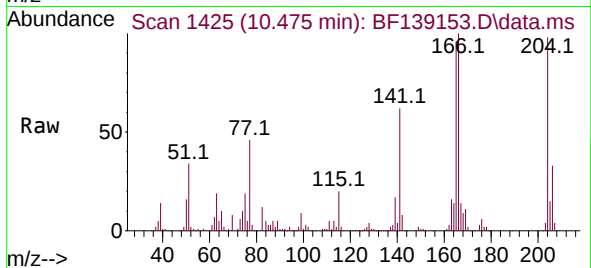
Tgt Ion:149 Resp: 539620
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.938 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

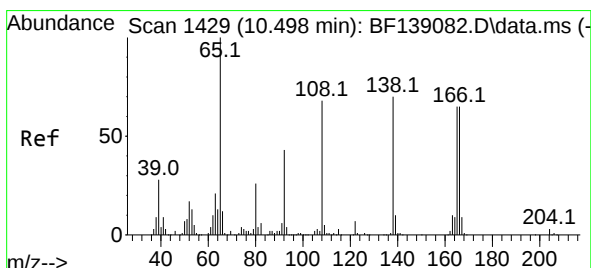
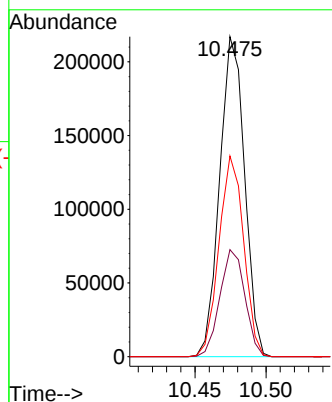
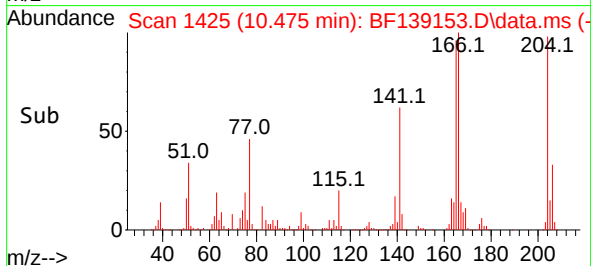
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:204 Resp: 264464
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 62.7 50.9 76.3

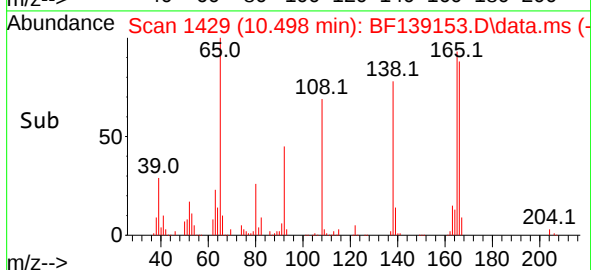
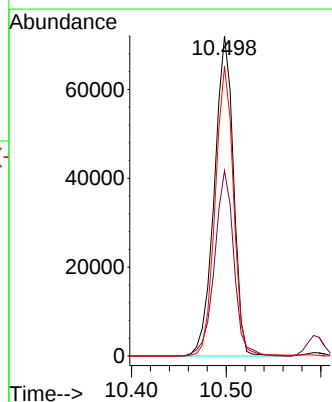
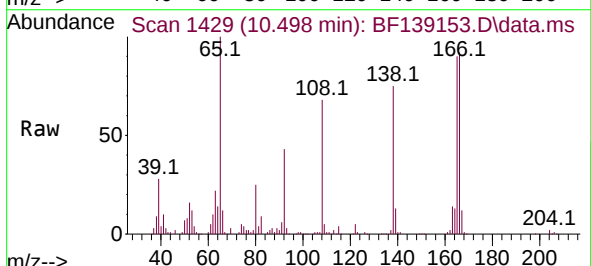
Manual Integrations
APPROVED

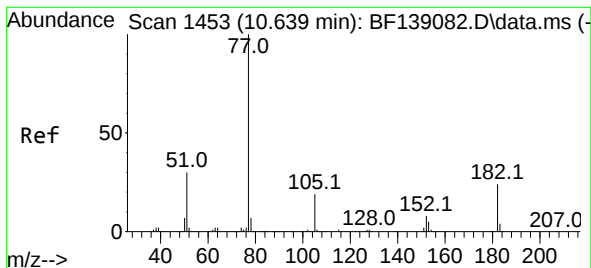
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#62
4-Nitroaniline
Concen: 47.864 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

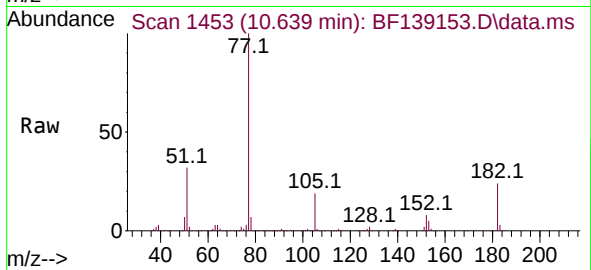
Tgt Ion:138 Resp: 101119
Ion Ratio Lower Upper
138 100
92 57.9 41.4 81.4
108 90.4 76.8 116.8





#63
Azobenzene
Concen: 51.140 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

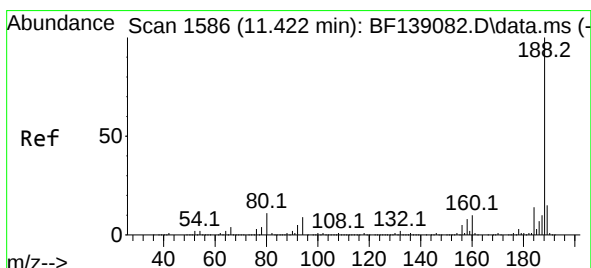
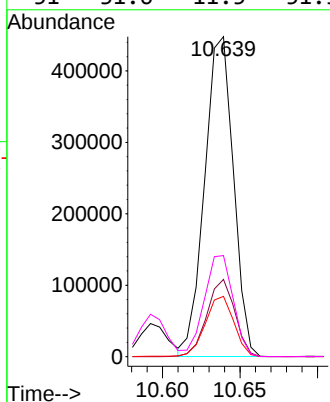
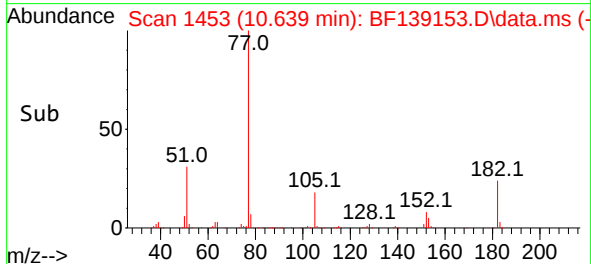
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD



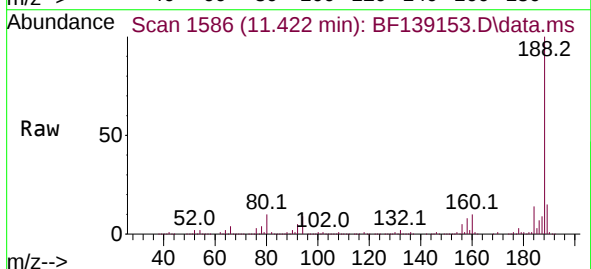
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.0	44.0
105	18.9	0.0	39.1
51	31.6	11.5	51.5

Manual Integrations
APPROVED

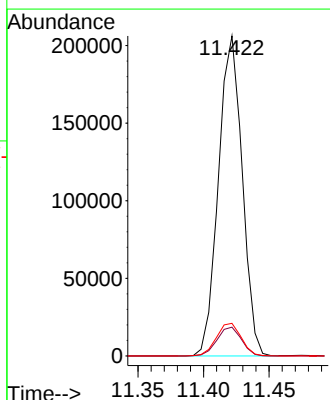
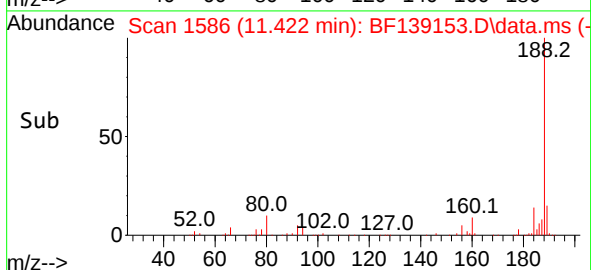
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

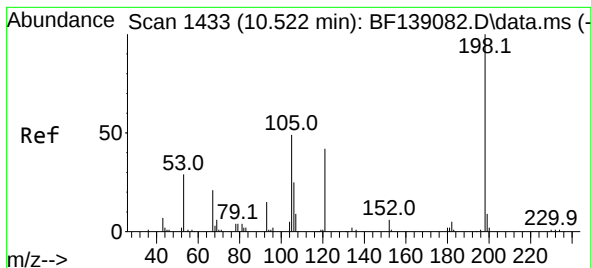


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.2	8.5	12.7





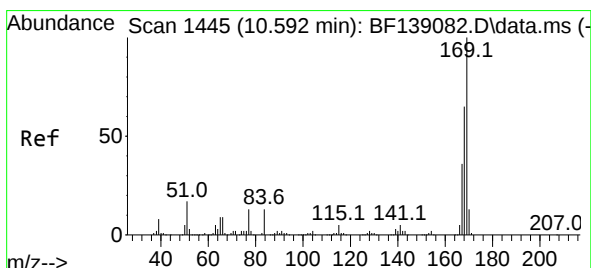
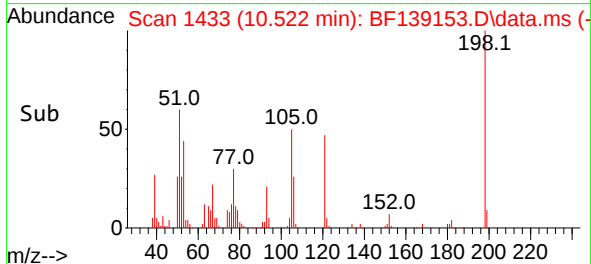
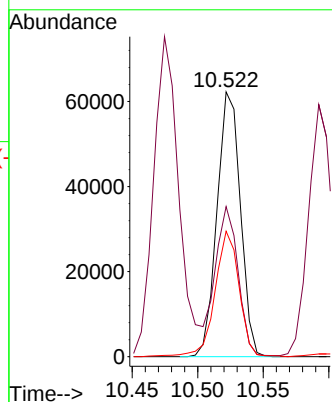
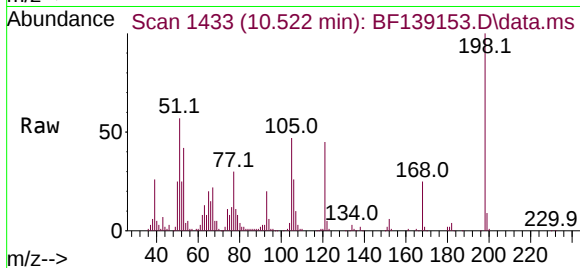
#65
4,6-Dinitro-2-methylphenol
Concen: 70.894 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:198 Resp: 77052
Ion Ratio Lower Upper
198 100
51 56.7 40.8 80.8
105 47.4 30.9 70.9

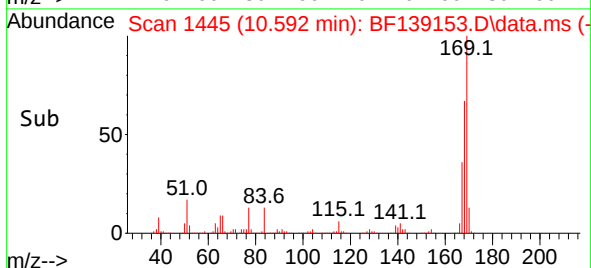
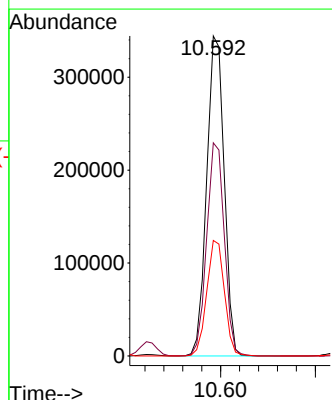
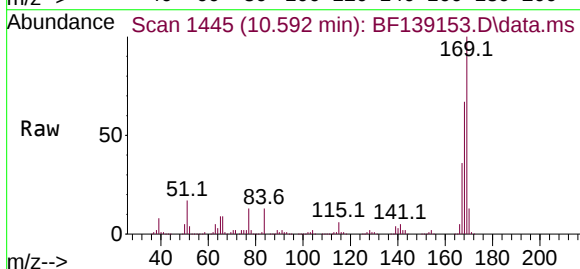
Manual Integrations
APPROVED

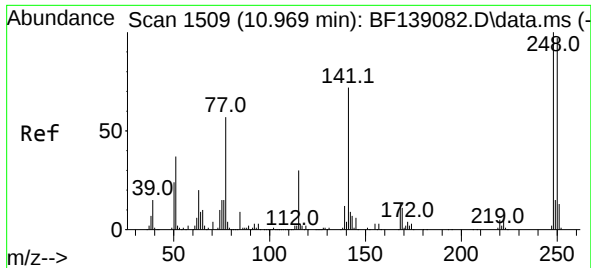
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#66
n-Nitrosodiphenylamine
Concen: 57.323 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

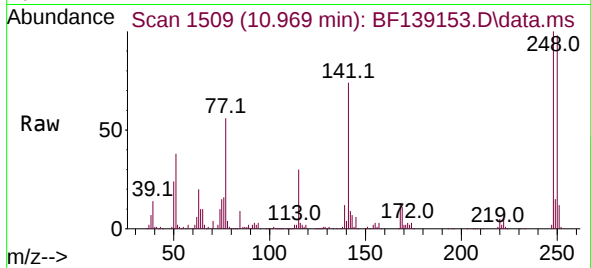
Tgt Ion:169 Resp: 441321
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 57.336 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

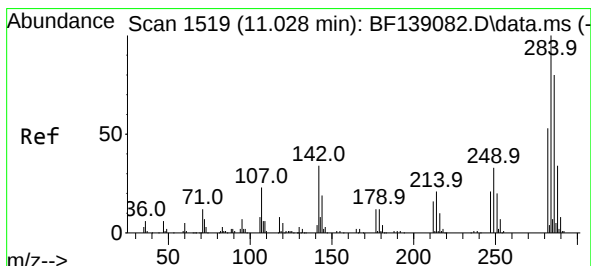
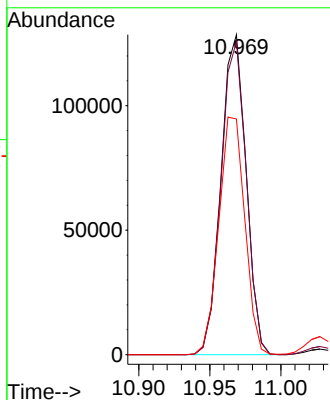
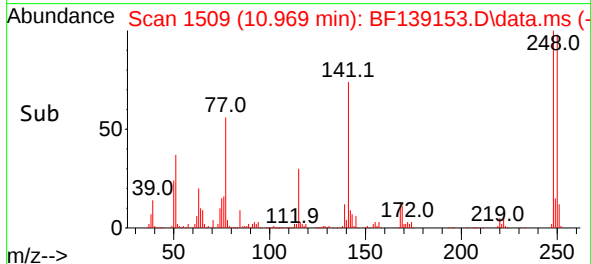
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



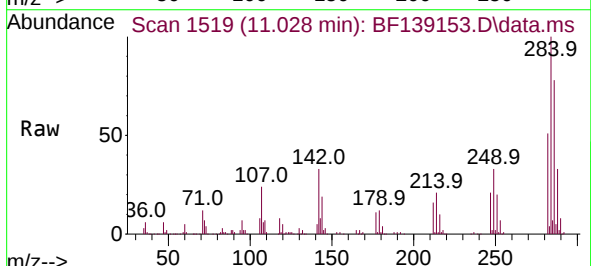
Tgt Ion:248 Resp: 158082
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 73.7 57.9 86.9

Manual Integrations
APPROVED

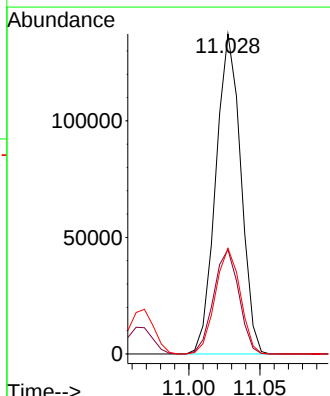
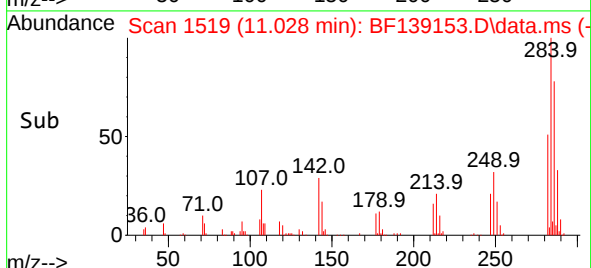
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

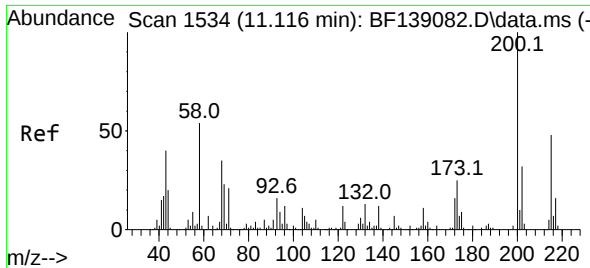


#68
Hexachlorobenzene
Concen: 56.802 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



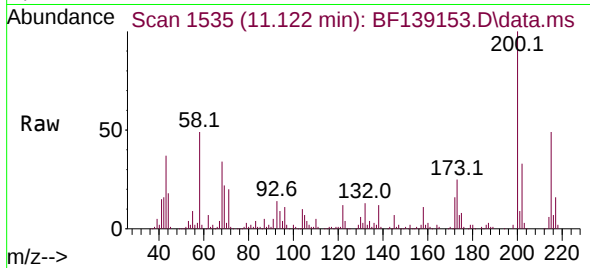
Tgt Ion:284 Resp: 168016
Ion Ratio Lower Upper
284 100
142 32.6 27.1 40.7
249 33.0 26.8 40.2





#69
Atrazine
Concen: 57.001 ng
RT: 11.122 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

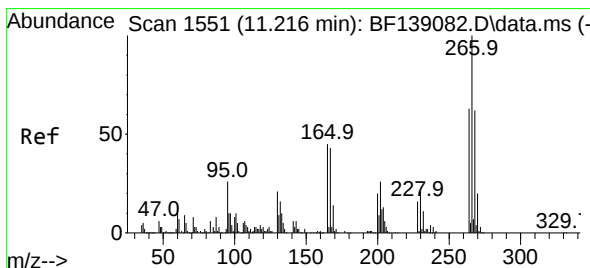
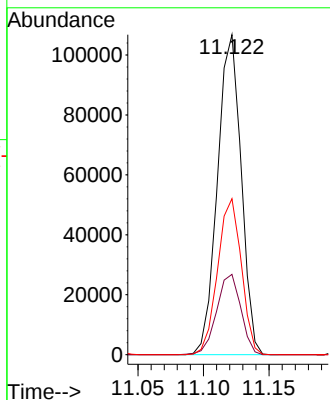
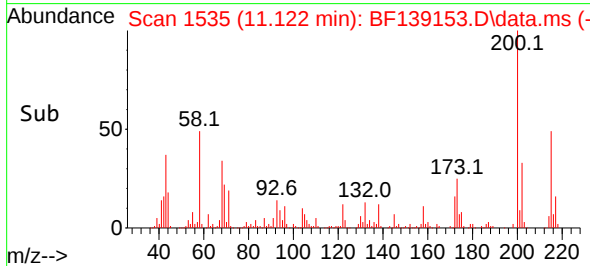
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



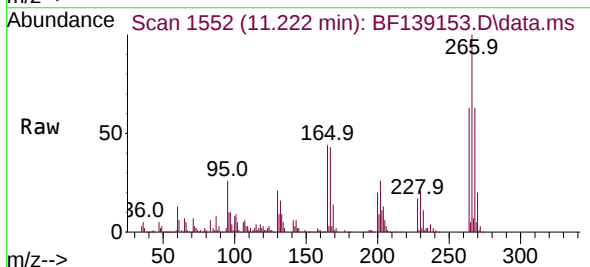
Tgt Ion:200 Resp: 134028
Ion Ratio Lower Upper
200 100
173 25.1 5.2 45.2
215 48.8 27.9 67.9

Manual Integrations
APPROVED

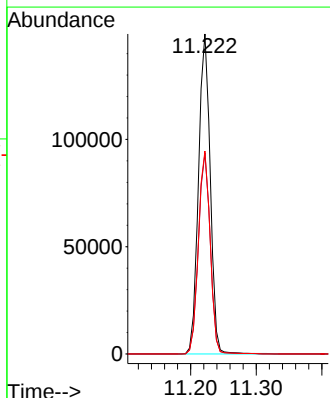
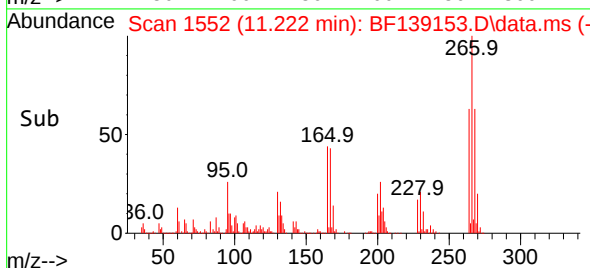
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

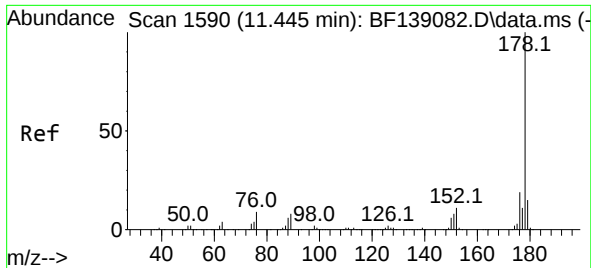


#70
Pentachlorophenol
Concen: 98.665 ng
RT: 11.222 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



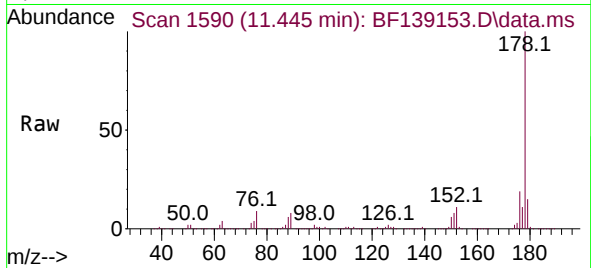
Tgt Ion:266 Resp: 186423
Ion Ratio Lower Upper
266 100
268 62.8 49.5 74.3
264 63.4 50.0 75.0





#71
Phenanthrene
Concen: 52.640 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

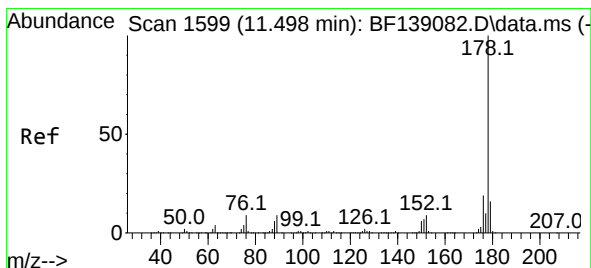
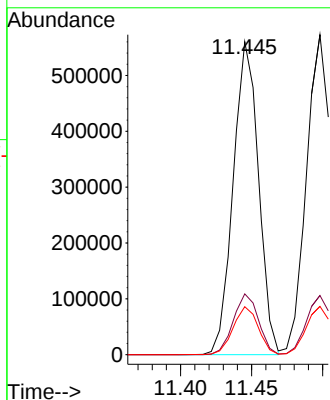
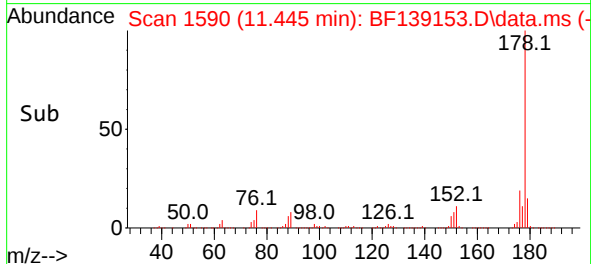
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



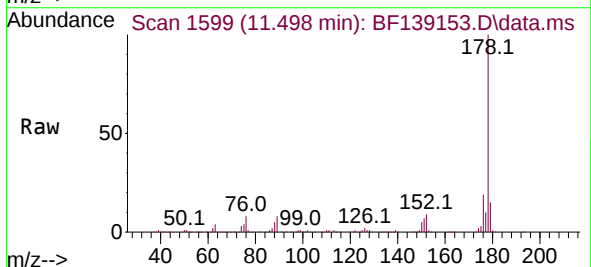
Tgt Ion:178 Resp: 696173
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.3 18.5

Manual Integrations
APPROVED

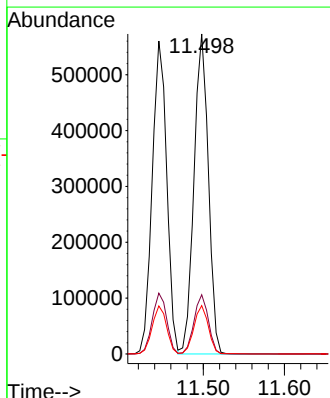
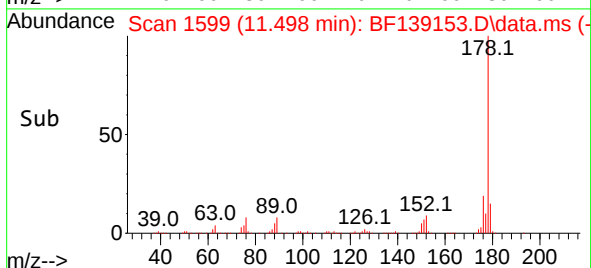
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

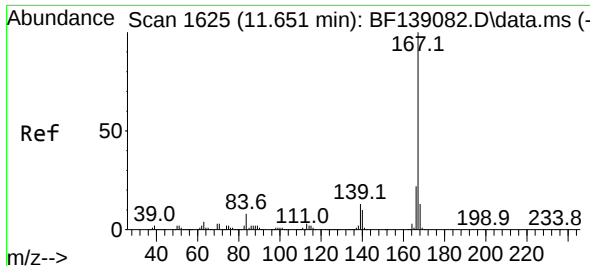


#72
Anthracene
Concen: 54.590 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



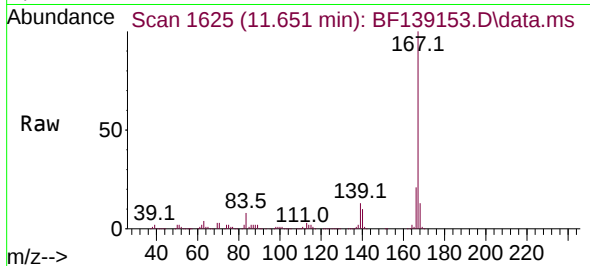
Tgt Ion:178 Resp: 706062
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 44.073 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

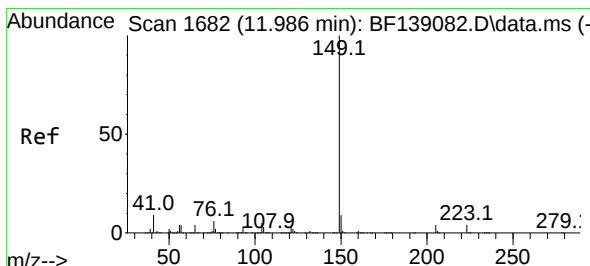
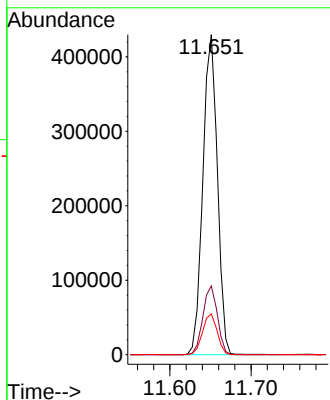
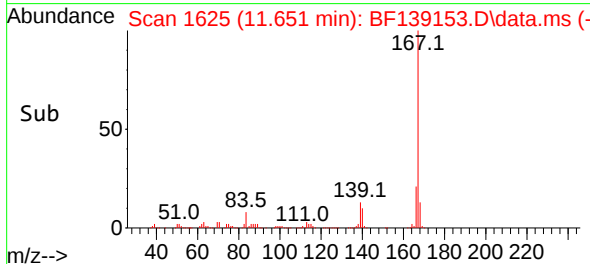
Instrument : BNA_F
 ClientSampleId : S-929-K1-SO-0-0.5-082024MSD



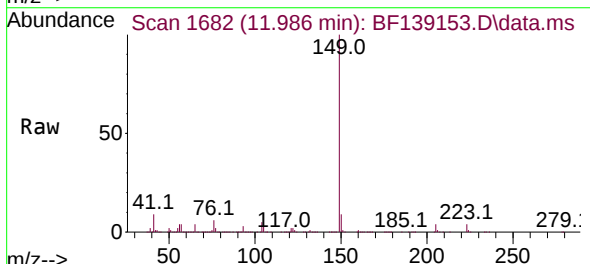
Tgt Ion:167 Resp: 532284
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

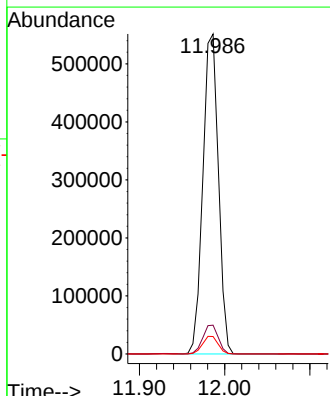
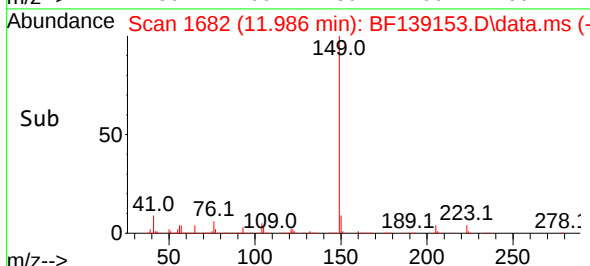
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

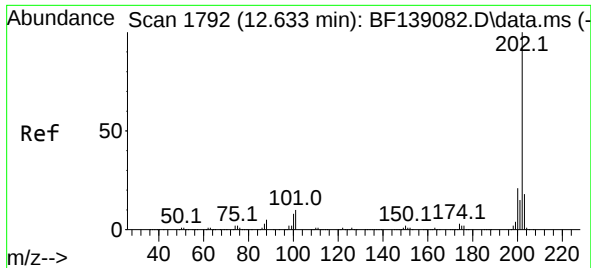


#74
 Di-n-butylphthalate
 Concen: 49.923 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14



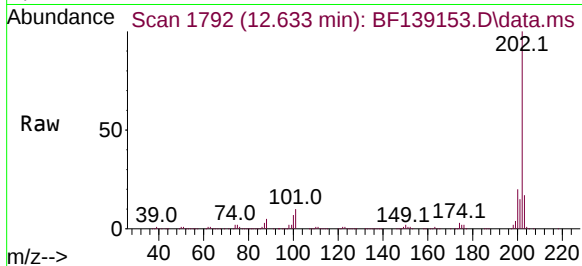
Tgt Ion:149 Resp: 699119
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 42.472 ng
RT: 12.633 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

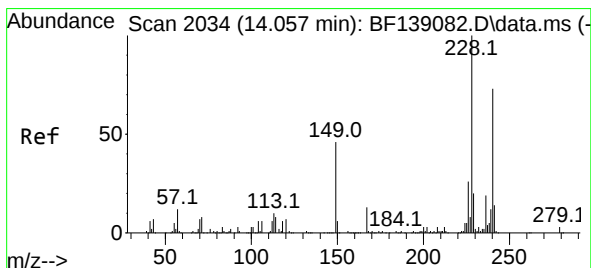
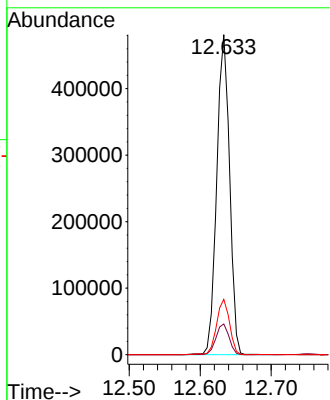
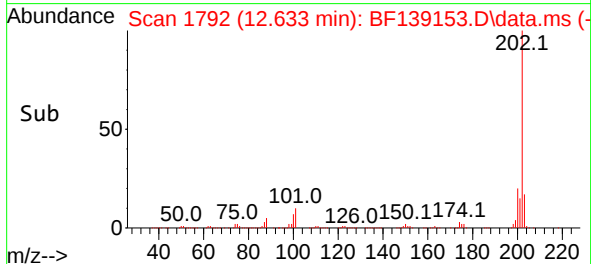
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:202 Resp: 59952
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.3 0.0 37.6

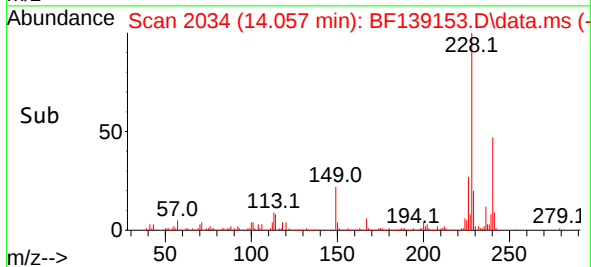
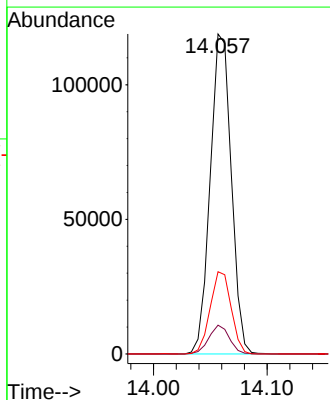
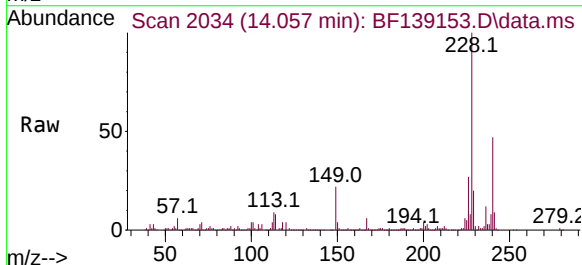
Manual Integrations
APPROVED

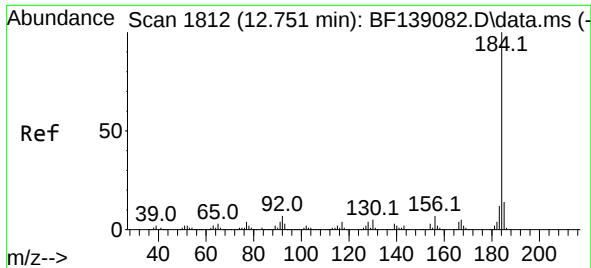
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

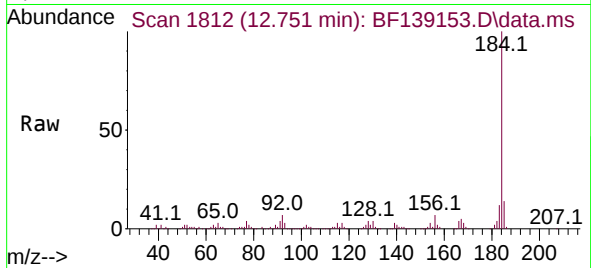
Tgt Ion:240 Resp: 153223
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.7 20.9 31.3





#77
Benzidine
Concen: 66.250 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

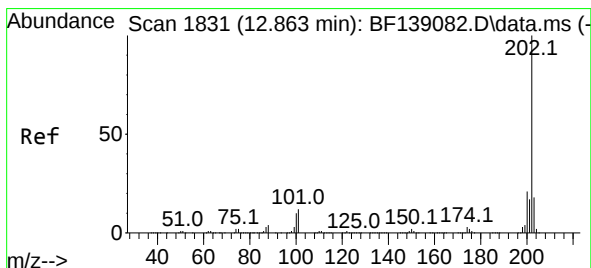
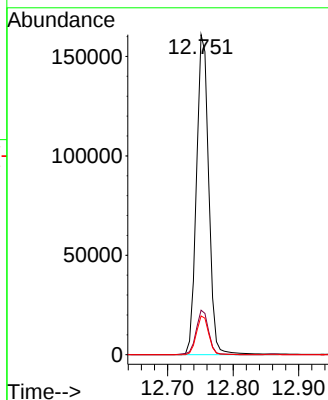
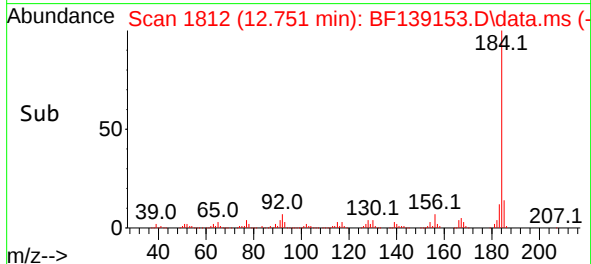
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



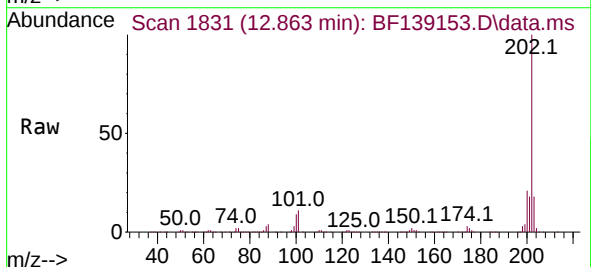
Tgt Ion:184 Resp: 20968
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 12.1 9.8 14.6

Manual Integrations
APPROVED

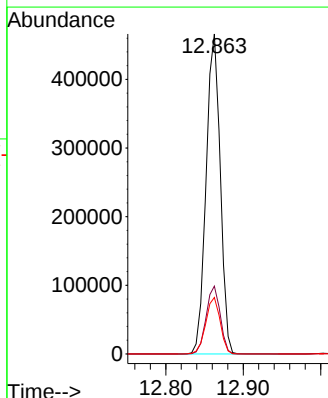
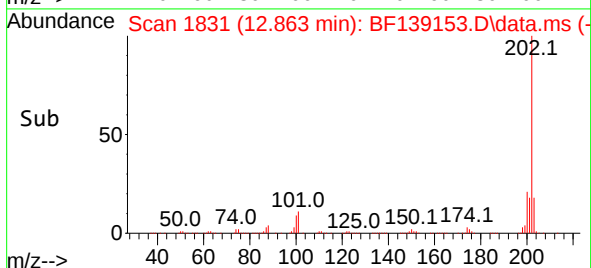
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

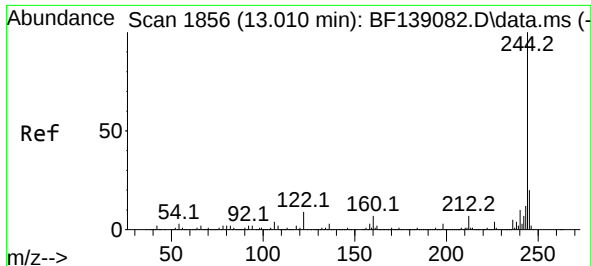


#78
Pyrene
Concen: 46.156 ng
RT: 12.863 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



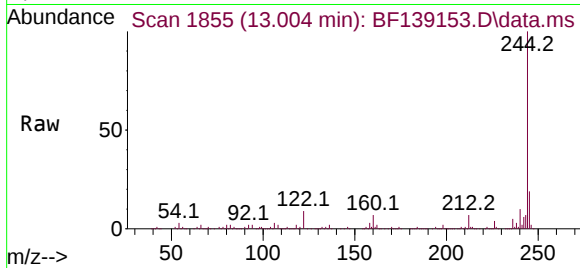
Tgt Ion:202 Resp: 590183
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 35.331 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

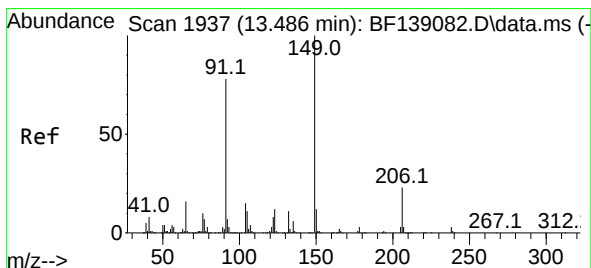
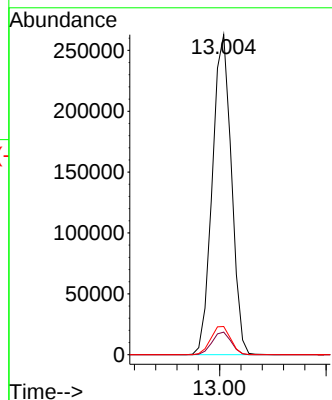
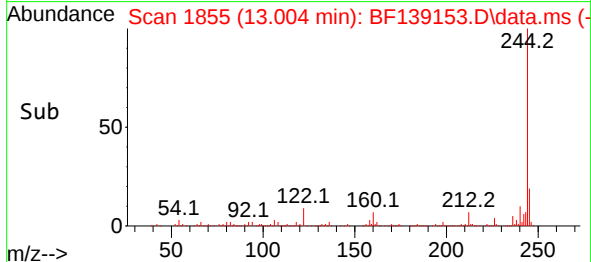
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:244 Resp: 32625
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.8 7.6 11.4

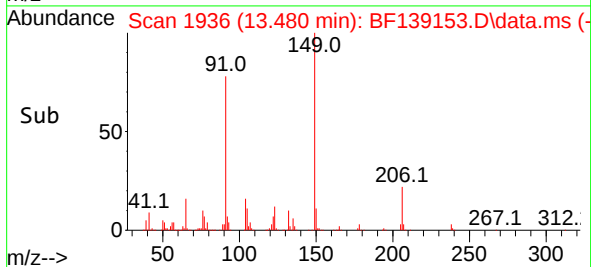
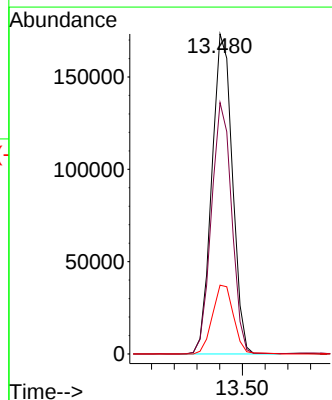
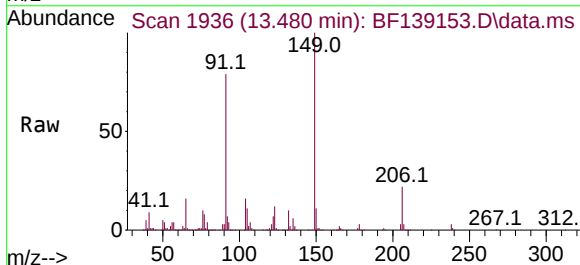
Manual Integrations
 APPROVED

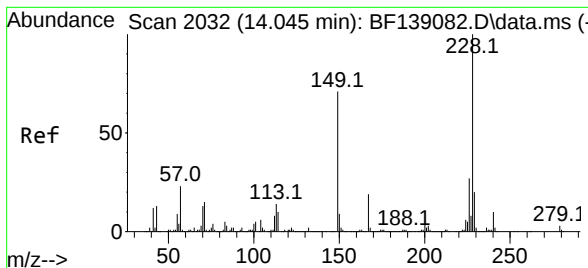
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024



#80
 Butylbenzylphthalate
 Concen: 49.256 ng
 RT: 13.480 min Scan# 1936
 Delta R.T. -0.006 min
 Lab File: BF139153.D
 Acq: 23 Aug 2024 18:14

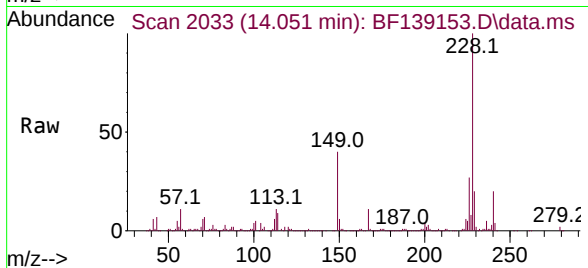
Tgt Ion:149 Resp: 217894
 Ion Ratio Lower Upper
 149 100
 91 78.5 62.1 93.1
 206 21.5 18.0 27.0





#81
Benzo(a)anthracene
Concen: 52.999 ng
RT: 14.051 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

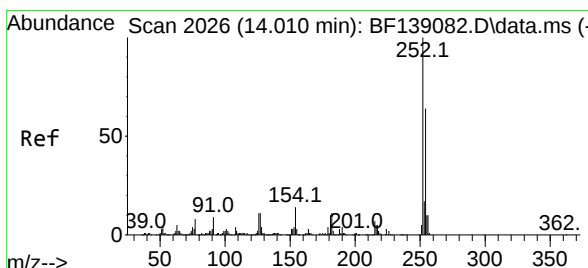
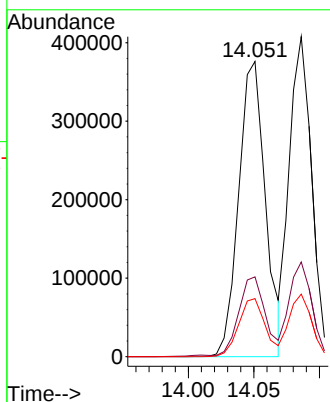
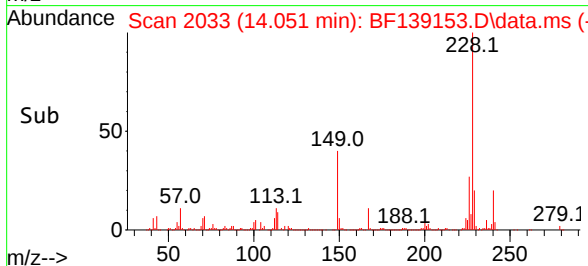
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



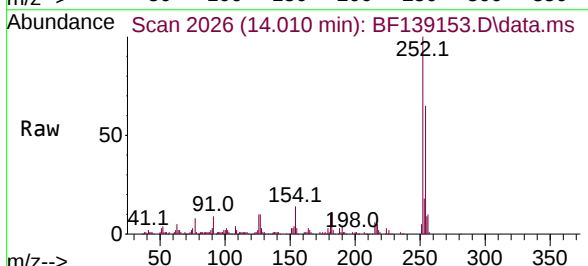
Tgt Ion:228 Resp: 53381
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.7 16.1 24.1

Manual Integrations
APPROVED

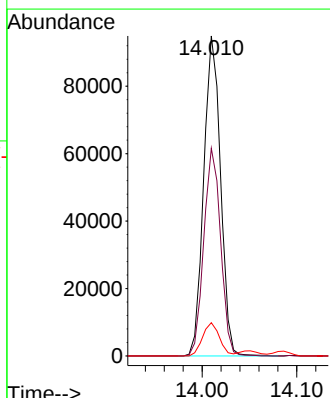
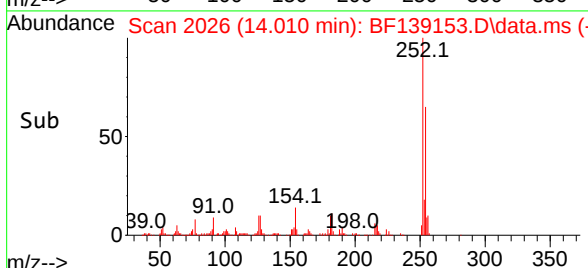
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

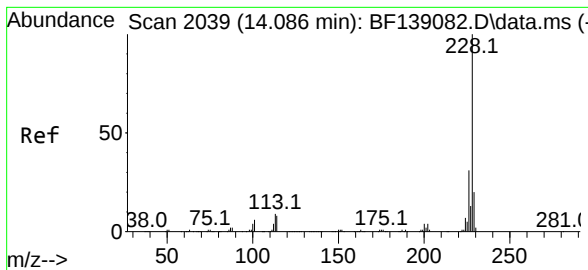


#82
3,3'-Dichlorobenzidine
Concen: 41.435 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



Tgt Ion:252 Resp: 116656
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.0
126 10.4 8.6 12.8





#83

Chrysene

Concen: 52.667 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139153.D

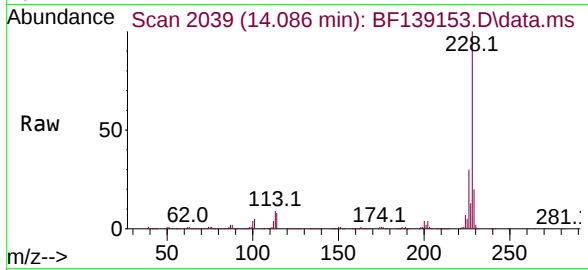
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:228 Resp: 480828

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

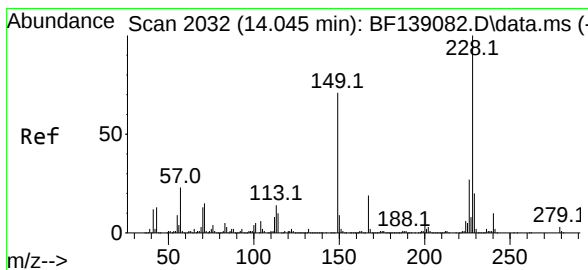
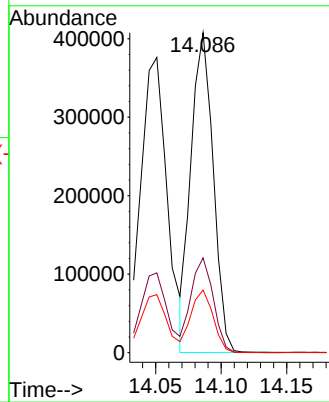
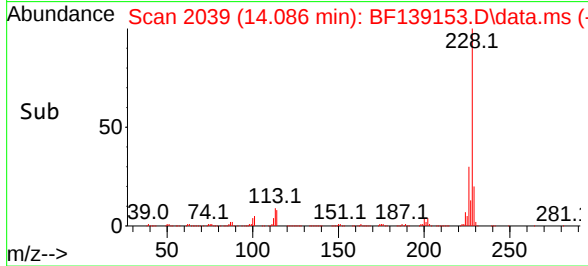
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.307 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

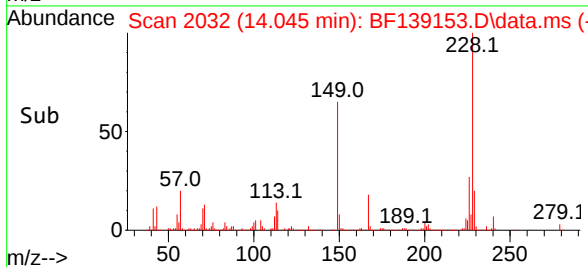
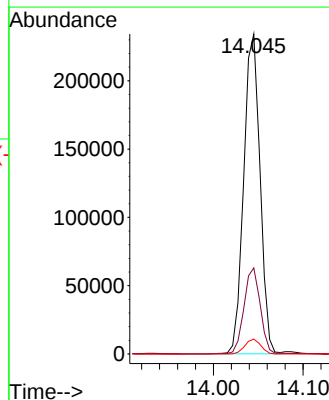
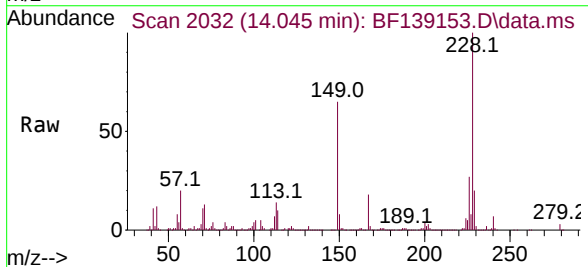
Tgt Ion:149 Resp: 295030

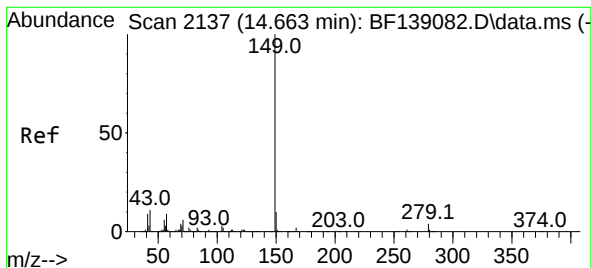
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 65.590 ng

RT: 14.657 min Scan# 2136

Delta R.T. -0.006 min

Lab File: BF139153.D

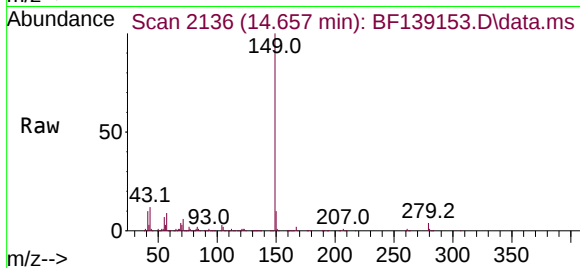
Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD



Tgt Ion:149 Resp: 539870

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

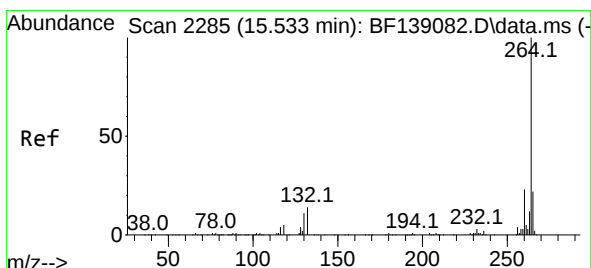
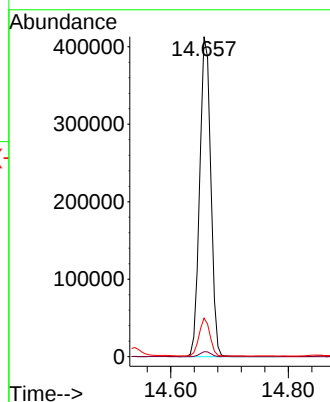
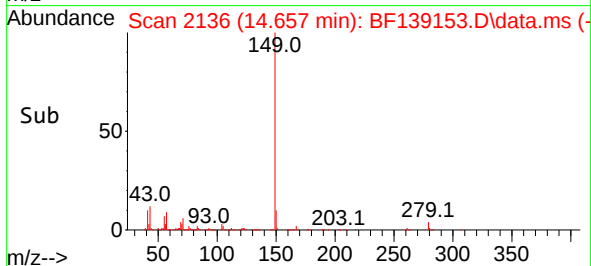
43 11.5 9.6 14.4

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: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

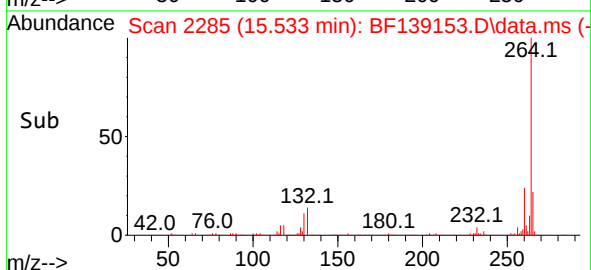
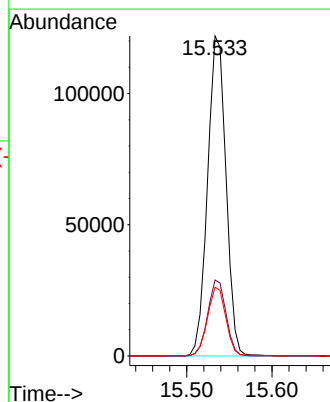
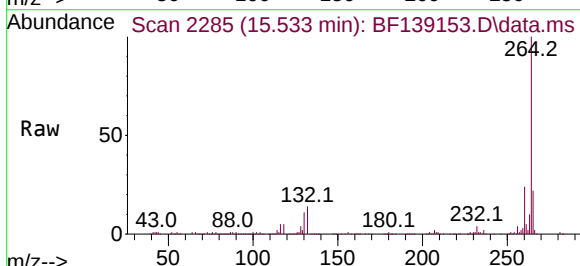
Tgt Ion:264 Resp: 183067

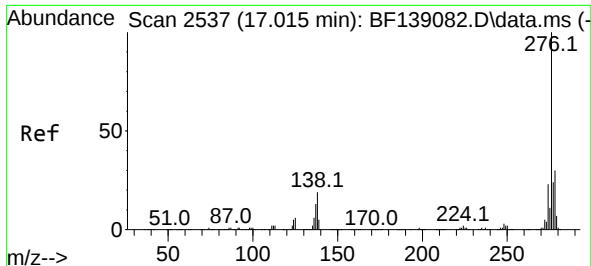
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

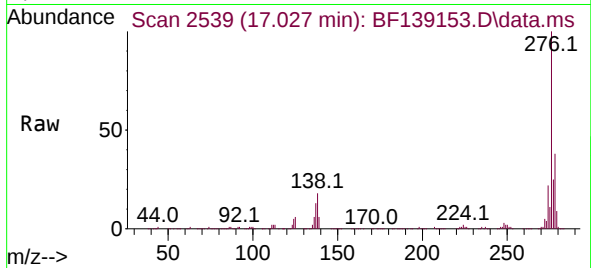
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.258 ng
RT: 17.027 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

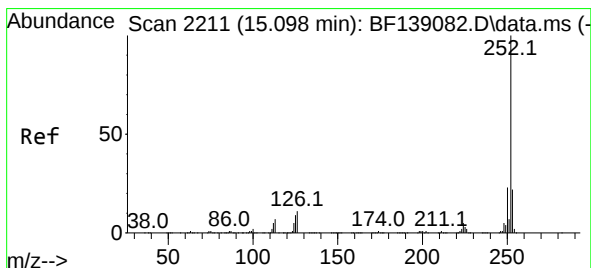
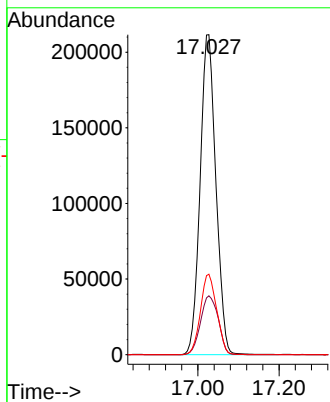
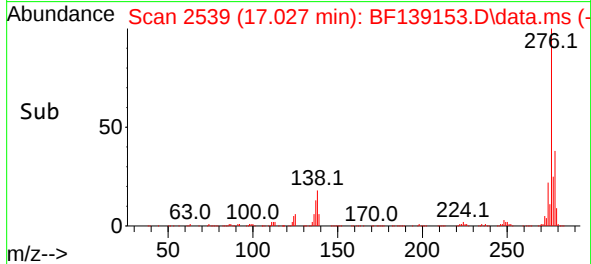
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



Tgt Ion: 276 Resp: 57061
Ion Ratio Lower Upper
276 100
138 20.6 17.3 25.9
277 25.9 20.2 30.4

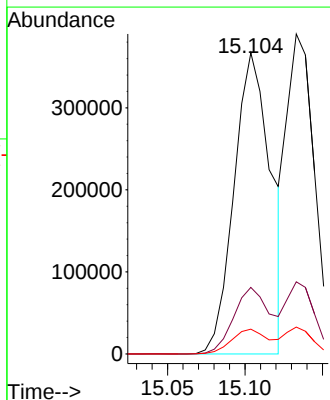
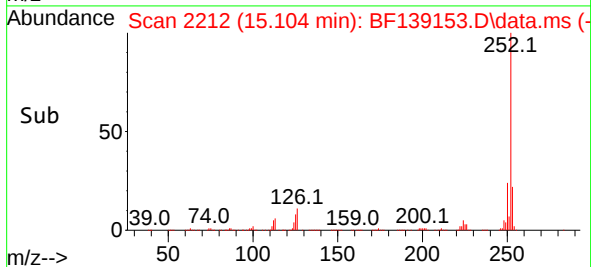
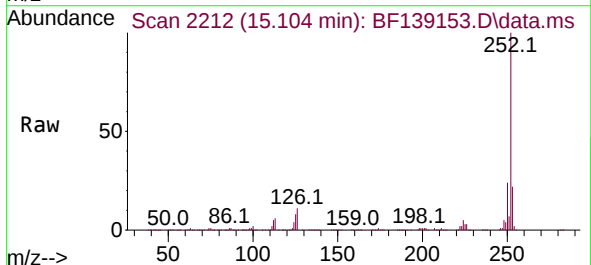
Manual Integrations
APPROVED

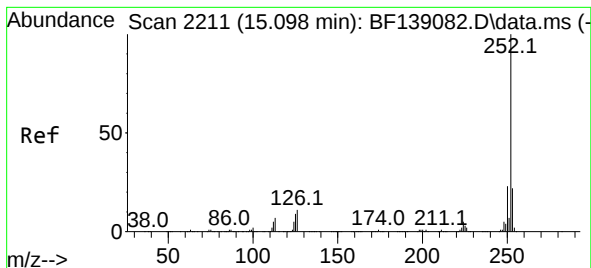
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#88
Benzo(b)fluoranthene
Concen: 50.779 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

Tgt Ion: 252 Resp: 606034
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.724 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MSD

Tgt Ion:252 Resp: 48432

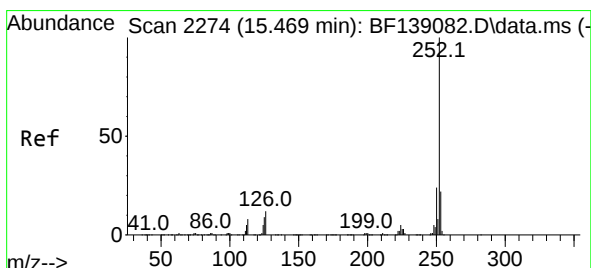
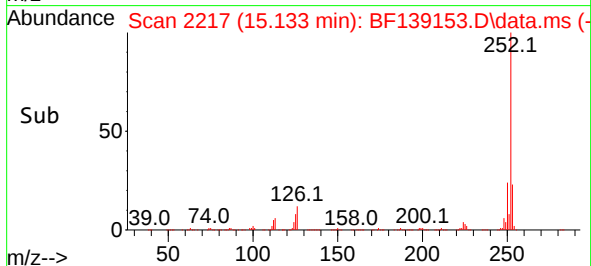
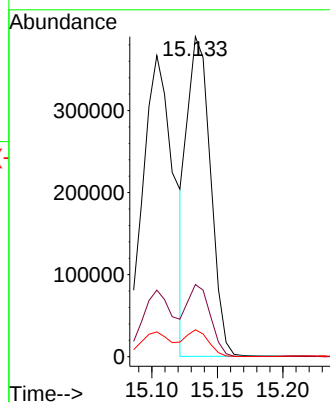
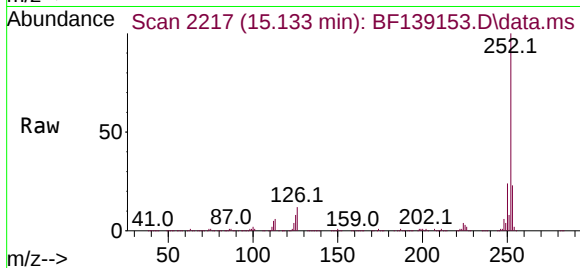
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	8.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#90

Benzo(a)pyrene

Concen: 55.533 ng

RT: 15.474 min Scan# 2275

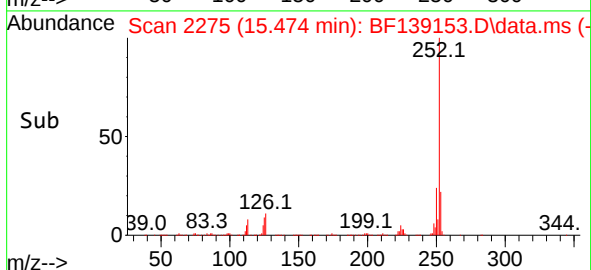
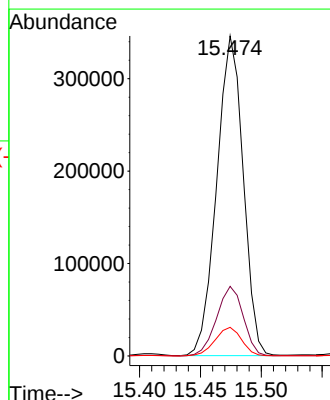
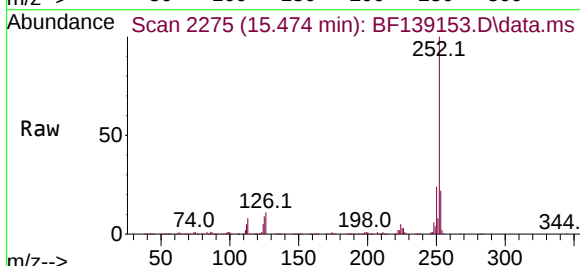
Delta R.T. 0.006 min

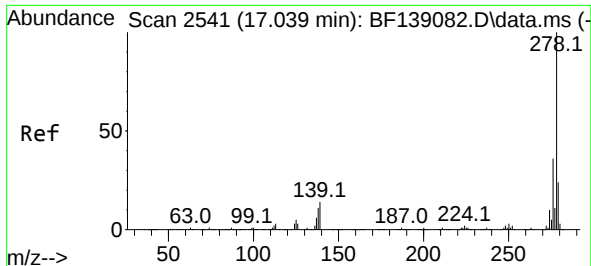
Lab File: BF139153.D

Acq: 23 Aug 2024 18:14

Tgt Ion:252 Resp: 523702

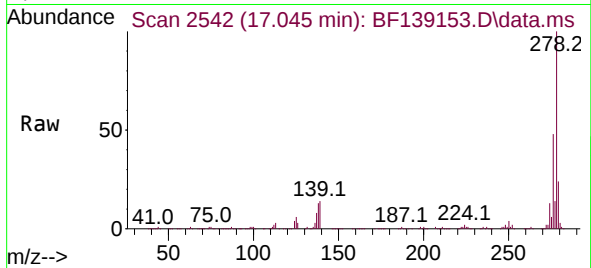
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	8.9	7.4	11.2





#91
Dibenzo(a,h)anthracene
Concen: 52.786 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14

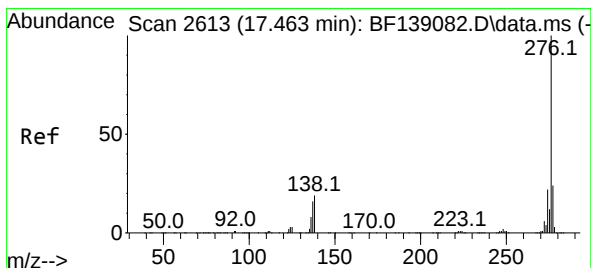
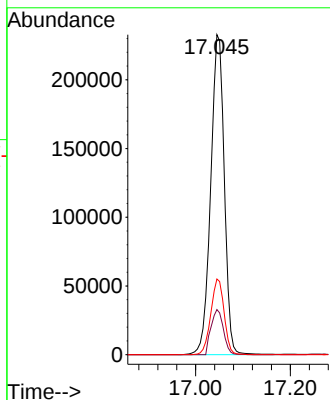
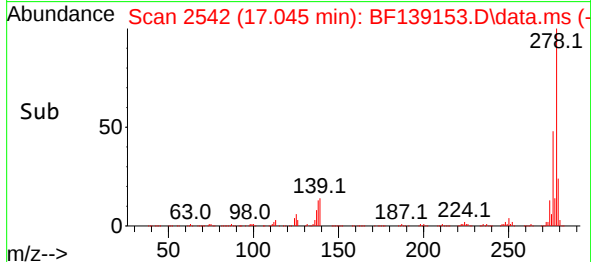
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD



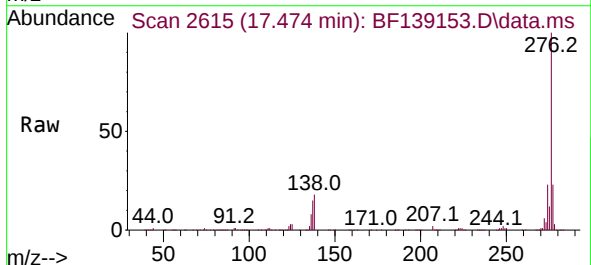
Tgt Ion:278 Resp: 46425
Ion Ratio Lower Upper
278 100
139 14.1 10.8 16.2
279 23.6 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.507 ng
RT: 17.474 min Scan# 2615
Delta R.T. 0.011 min
Lab File: BF139153.D
Acq: 23 Aug 2024 18:14



Tgt Ion:276 Resp: 402374
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.8 15.0 22.4

