

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139116.D
 Acq On : 22 Aug 2024 11:53
 Operator : RC/JU
 Sample : PB162687BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162687BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 22 12:42:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98594	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	365831	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	213614	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	389288	20.000	ng	0.00
76) Chrysene-d12	14.062	240	242651	20.000	ng	0.00
86) Perylene-d12	15.533	264	204282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	831786	129.797	ng	0.02
7) Phenol-d6	6.528	99	1082504	130.730	ng	0.00
23) Nitrobenzene-d5	7.463	82	714781	113.851	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	319126	165.024	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1231363	91.459	ng	0.00
79) Terphenyl-d14	13.010	244	1545396	105.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	100483	36.558	ng	98
3) Pyridine	3.534	79	282409	40.433	ng	100
4) n-Nitrosodimethylamine	3.493	42	183580	43.509	ng	100
6) Aniline	6.563	93	352577	47.166	ng	99
8) 2-Chlorophenol	6.681	128	294505	47.780	ng	97
9) Benzaldehyde	6.451	77	220292	45.361	ng	100
10) Phenol	6.539	94	406662	47.200	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	297975	43.006	ng	99
12) 1,3-Dichlorobenzene	6.839	146	325733	43.953	ng	100
13) 1,4-Dichlorobenzene	6.916	146	328153	44.287	ng	99
14) 1,2-Dichlorobenzene	7.069	146	315262	46.554	ng	99
15) Benzyl Alcohol	7.039	79	317265	48.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	451104	46.219	ng	99
17) 2-Methylphenol	7.145	107	248031	47.036	ng	97
18) Hexachloroethane	7.410	117	118522	45.615	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	245572	45.160	ng	98
20) 3+4-Methylphenols	7.298	107	317662	46.495	ng	97
22) Acetophenone	7.310	105	435271	46.599	ng	97
24) Nitrobenzene	7.481	77	364723	52.264	ng	100
25) Isophorone	7.722	82	648250	48.579	ng	99
26) 2-Nitrophenol	7.798	139	142263	57.242	ng	98
27) 2,4-Dimethylphenol	7.833	122	239009	56.483	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	357324	45.828	ng	99
29) 2,4-Dichlorophenol	8.033	162	254389	48.256	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	268535	43.503	ng	99
31) Naphthalene	8.204	128	848193	45.753	ng	100
32) Benzoic acid	7.951	122	179295	50.380	ng	98
33) 4-Chloroaniline	8.245	127	123695	19.483	ng	99
34) Hexachlorobutadiene	8.322	225	180247	44.700	ng	99
35) Caprolactam	8.622	113	83684m	50.070	ng	
36) 4-Chloro-3-methylphenol	8.728	107	286601	49.101	ng	100
37) 2-Methylnaphthalene	8.892	142	562078	47.269	ng	100
38) 1-Methylnaphthalene	8.992	142	518293	45.162	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	277079	47.648	ng	98
41) Hexachlorocyclopentadiene	9.045	237	384938	171.260	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	195540	49.546	ng	99

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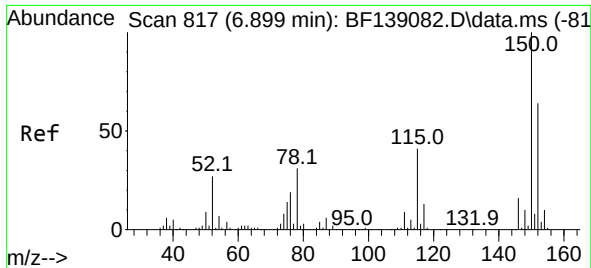
Manual Integrations
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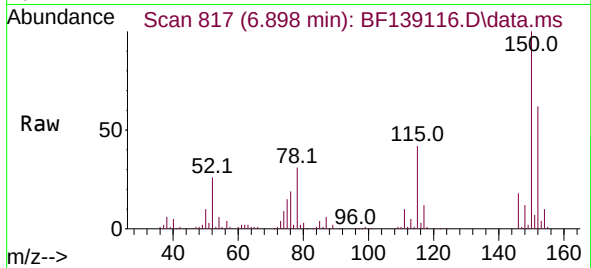
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198415	48.979	ng	100
46) 1,1'-Biphenyl	9.357	154	696322	47.586	ng	100
47) 2-Chloronaphthalene	9.380	162	536971	45.162	ng	99
48) 2-Nitroaniline	9.475	65	194753	56.072	ng	99
49) Acenaphthylene	9.798	152	864839	50.777	ng	100
50) Dimethylphthalate	9.663	163	664451	50.384	ng	99
51) 2,6-Dinitrotoluene	9.722	165	142379	53.277	ng	96
52) Acenaphthene	9.975	154	613312	54.513	ng	98
53) 3-Nitroaniline	9.886	138	91531	35.398	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	149588	107.436	ng	# 53
55) Dibenzofuran	10.145	168	789610	48.319	ng	99
56) 4-Nitrophenol	10.045	139	243217	122.011	ng	99
57) 2,4-Dinitrotoluene	10.122	165	198813	58.571	ng	98
58) Fluorene	10.486	166	618565	47.364	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	178668	54.930	ng	99
60) Diethylphthalate	10.363	149	657819	50.343	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	309045	47.381	ng	99
62) 4-Nitroaniline	10.504	138	142902	52.423	ng	99
63) Azobenzene	10.639	77	705585	48.591	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	97927	63.065	ng	98
66) n-Nitrosodiphenylamine	10.598	169	547650	47.544	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	198419	48.101	ng	97
68) Hexachlorobenzene	11.027	284	208797	47.181	ng	98
69) Atrazine	11.127	200	199004	56.569	ng	100
70) Pentachlorophenol	11.221	266	282024	99.765	ng	99
71) Phenanthrene	11.451	178	945398	47.779	ng	100
72) Anthracene	11.498	178	959275	49.573	ng	100
73) Carbazole	11.651	167	842139	46.606	ng	99
74) Di-n-butylphthalate	11.986	149	1022711	48.812	ng	100
75) Fluoranthene	12.633	202	979592	46.384	ng	100
77) Benzidine	12.757	184	379731	75.760	ng	99
78) Pyrene	12.863	202	999478	49.358	ng	100
80) Butylbenzylphthalate	13.486	149	383145	54.691	ng	98
81) Benzo(a)anthracene	14.051	228	781103	48.969	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	146719	32.907	ng	98
83) Chrysene	14.086	228	728930	50.417	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	508659	54.769	ng	100
85) Di-n-octyl phthalate	14.662	149	732449	56.191	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	642904	53.774	ng	99
88) Benzo(b)fluoranthene	15.104	252	647901	48.649	ng	99
89) Benzo(k)fluoranthene	15.133	252	542228	48.884	ng	100
90) Benzo(a)pyrene	15.474	252	547775	52.053	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	524128	53.405	ng	99
92) Benzo(g,h,i)perylene	17.474	276	472711	42.498	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: BF139116.D
Acq: 22 Aug 2024 11:53

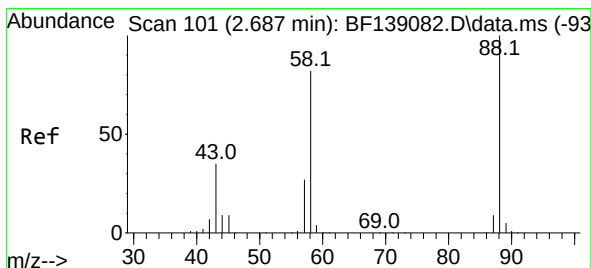
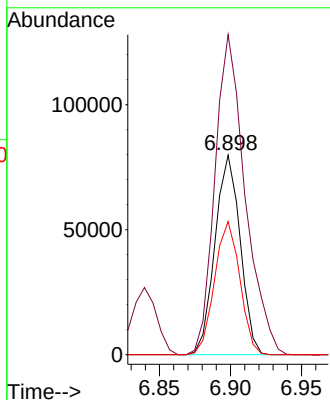
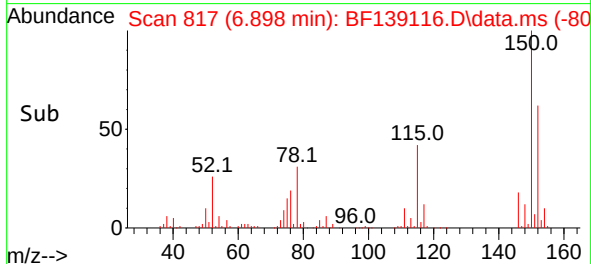
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



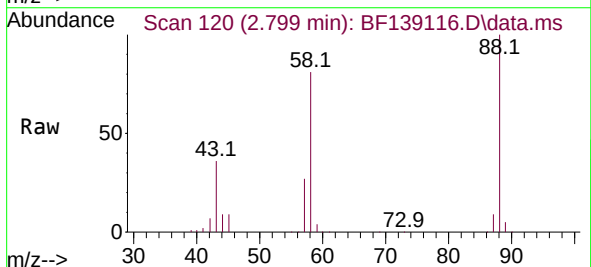
Tgt Ion:152 Resp: 98594
Ion Ratio Lower Upper
152 100
150 160.4 125.1 187.7
115 66.7 51.8 77.6

Manual Integrations
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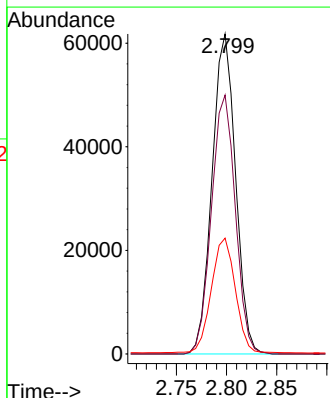
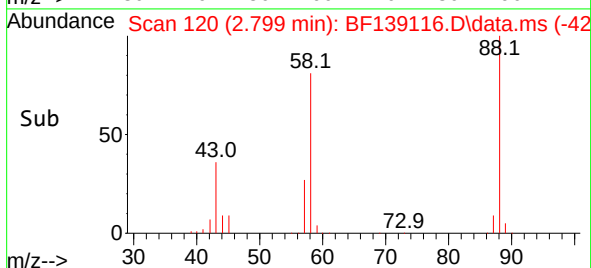
Reviewed By :Yogesh Patel 08/23/2024
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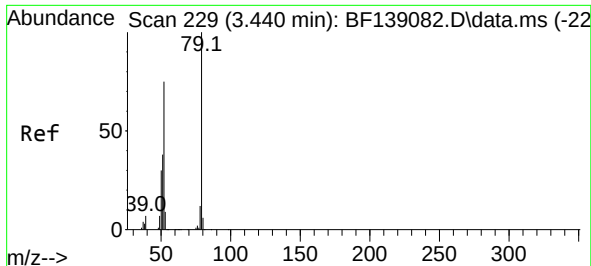


#2
1,4-Dioxane
Concen: 36.558 ng
RT: 2.799 min Scan# 120
Delta R.T. 0.111 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion: 88 Resp: 100483
Ion Ratio Lower Upper
88 100
58 82.4 65.4 98.0
43 37.1 27.9 41.9





#3

Pyridine

Concen: 40.433 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.094 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

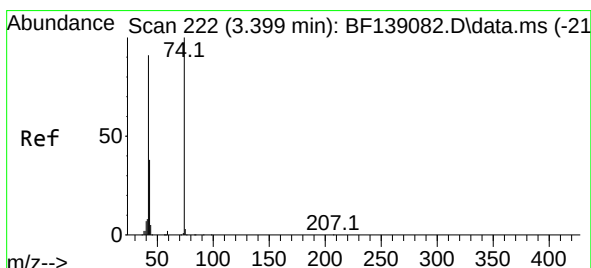
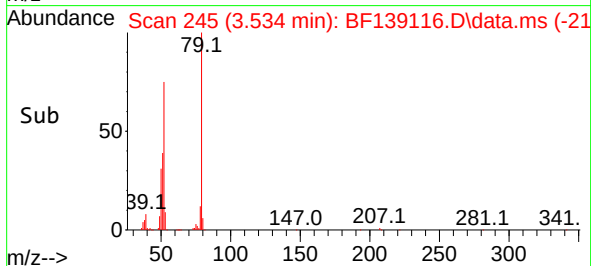
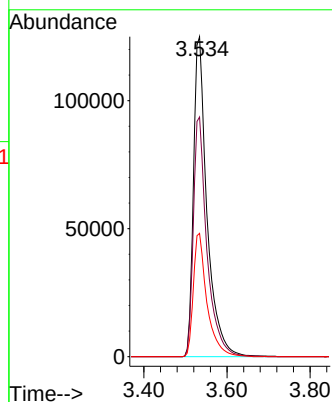
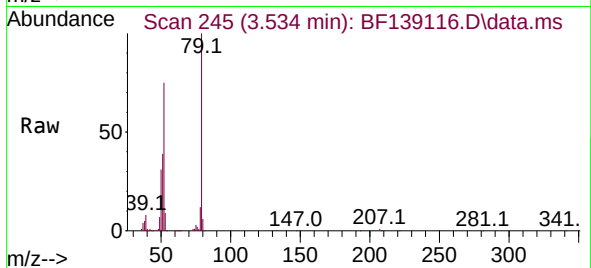
Tgt Ion:	79	Resp:	282409
Ion Ratio	Lower	Upper	
79	100		
52	74.9	59.7	89.5
51	38.6	30.6	45.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.509 ng

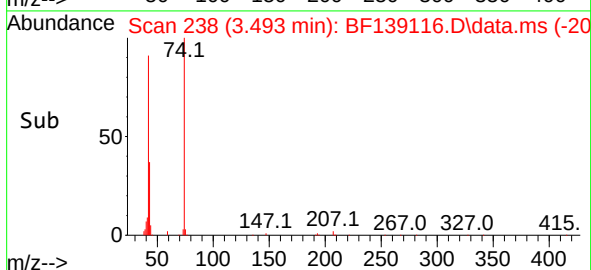
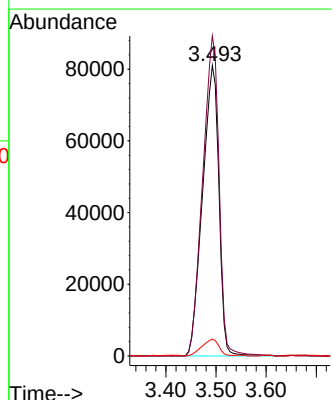
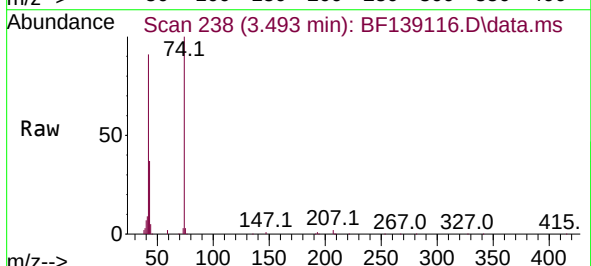
RT: 3.493 min Scan# 238

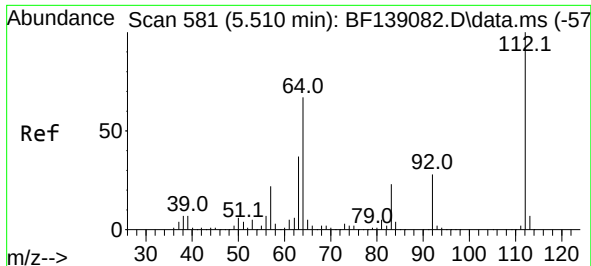
Delta R.T. 0.094 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Tgt Ion:	42	Resp:	183580
Ion Ratio	Lower	Upper	
42	100		
74	110.2	88.2	132.2
44	5.8	5.4	8.0





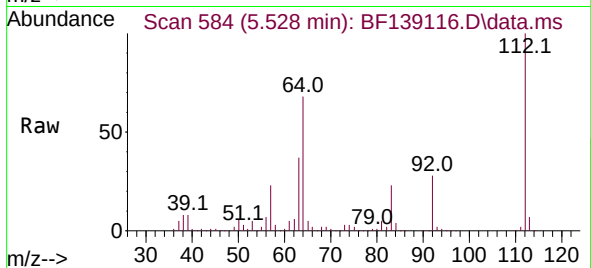
#5
2-Fluorophenol
Concen: 129.797 ng
RT: 5.528 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



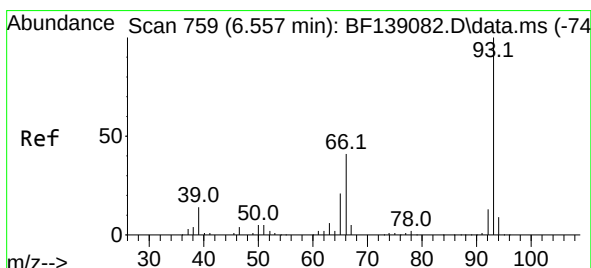
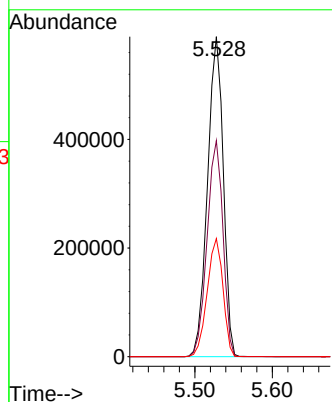
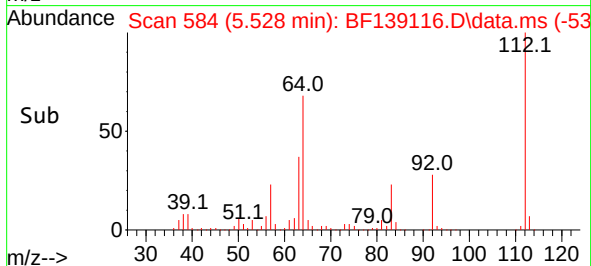
Tgt Ion:112 Resp: 831780
Ion Ratio Lower Upper
112 100
64 67.5 53.8 80.6
63 36.9 29.4 44.2

Manual Integrations

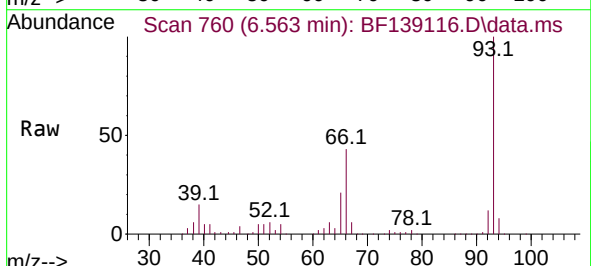
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

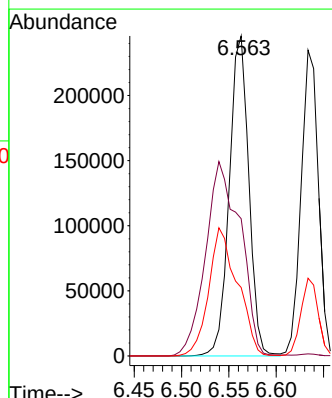
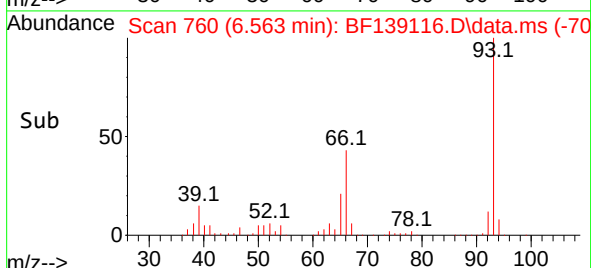
Supervised By :mohammad ahmed 08/23/2024

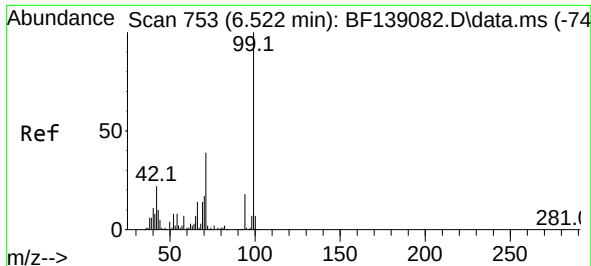


#6
Aniline
Concen: 47.166 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



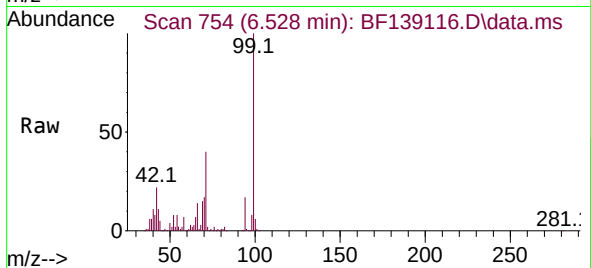
Tgt Ion: 93 Resp: 352577
Ion Ratio Lower Upper
93 100
66 42.9 35.1 52.7
65 21.4 17.4 26.2





#7
Phenol-d6
Concen: 130.730 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

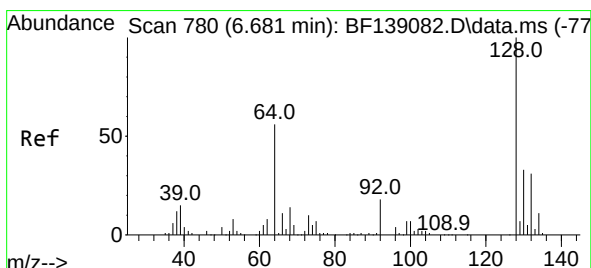
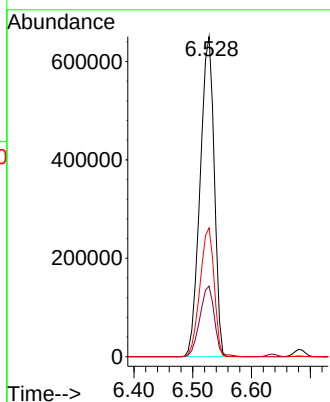
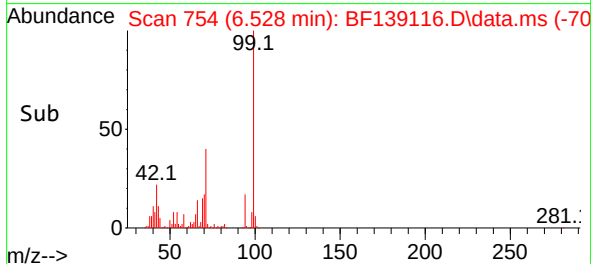
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1082504
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.2
71 40.3 31.2 46.8

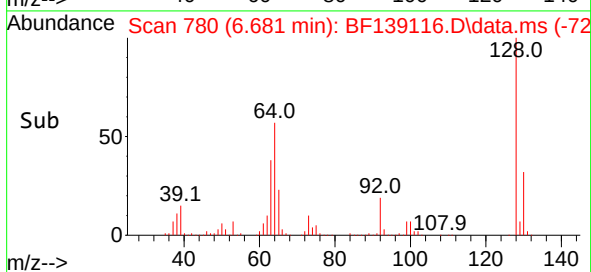
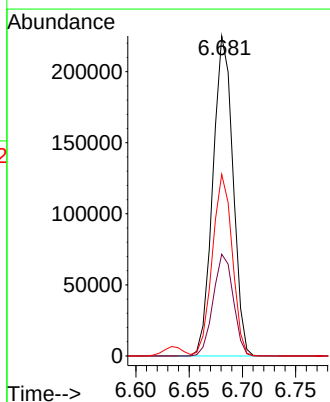
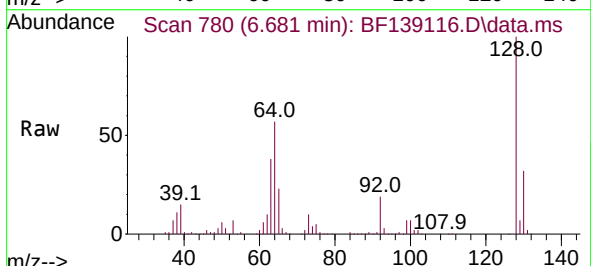
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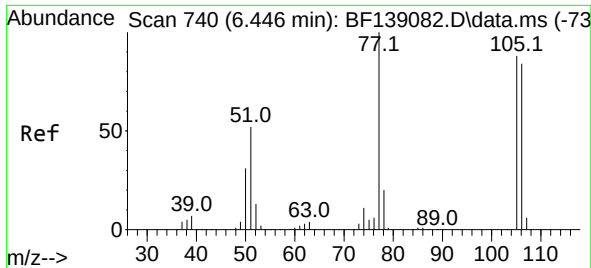
Reviewed By :Yogesh Patel 08/23/2024
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#8
2-Chlorophenol
Concen: 47.780 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139116.D
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Tgt Ion:128 Resp: 294505
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 56.7 39.1 79.1





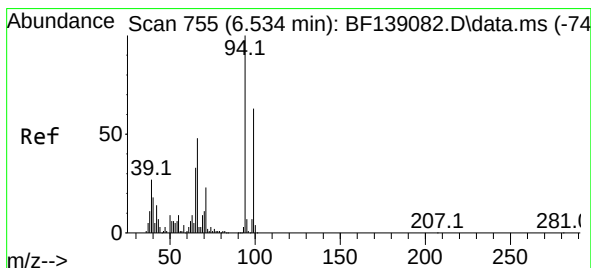
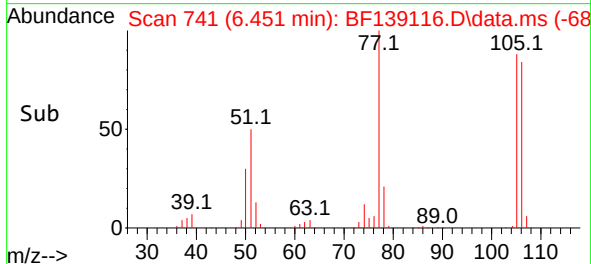
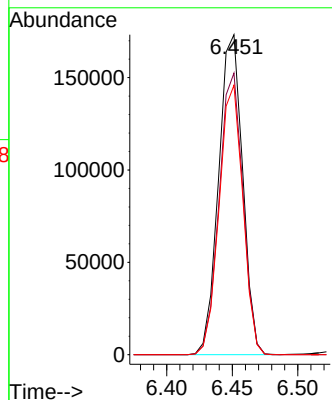
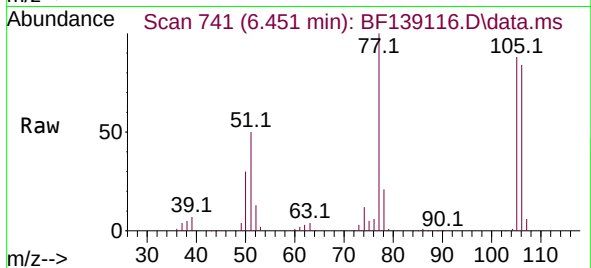
#9
Benzaldehyde
Concen: 45.361 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion: 77 Resp: 220292
Ion Ratio Lower Upper
77 100
105 88.0 68.2 108.2
106 84.2 63.8 103.8

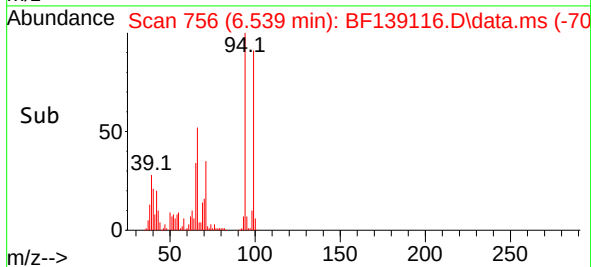
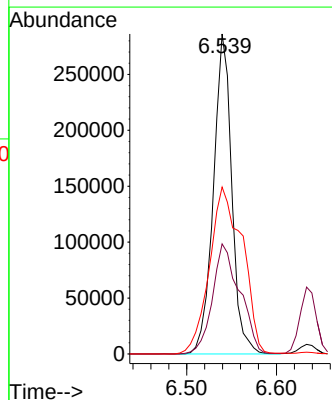
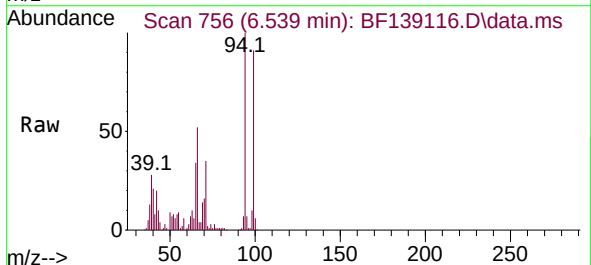
Manual Integrations
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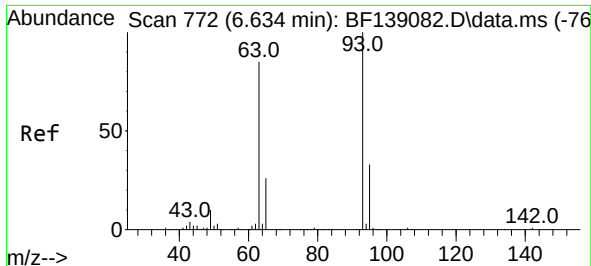
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#10
Phenol
Concen: 47.200 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

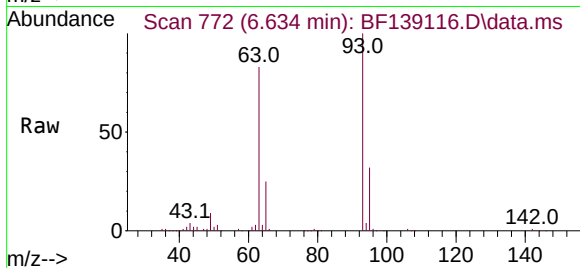
Tgt Ion: 94 Resp: 406662
Ion Ratio Lower Upper
94 100
65 34.4 13.5 53.5
66 52.2 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 43.006 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

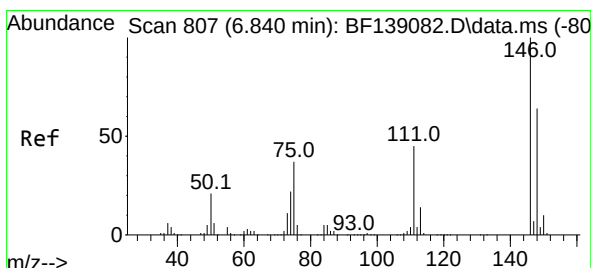
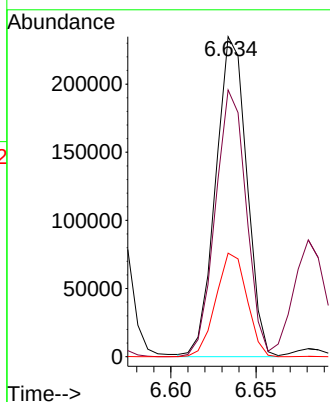
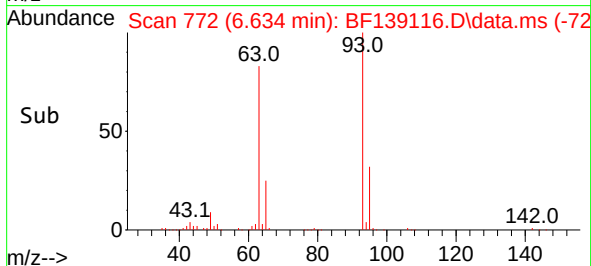
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



Tgt Ion: 93 Resp: 29797
Ion Ratio Lower Upper
93 100
63 83.3 62.7 102.7
95 32.4 11.9 51.9

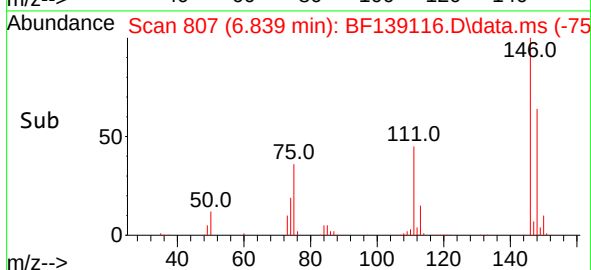
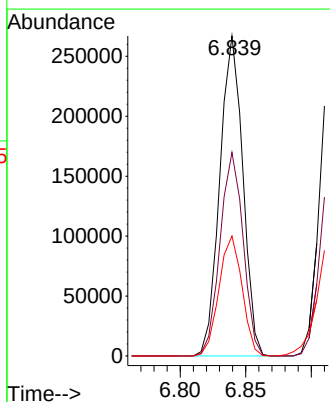
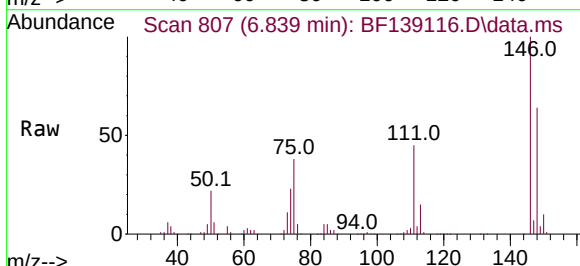
Manual Integrations
APPROVED

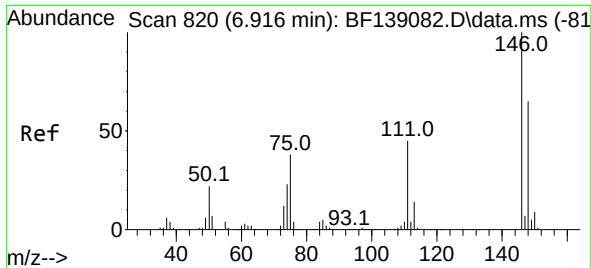
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#12
1,3-Dichlorobenzene
Concen: 43.953 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:146 Resp: 325733
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 37.5 29.9 44.9





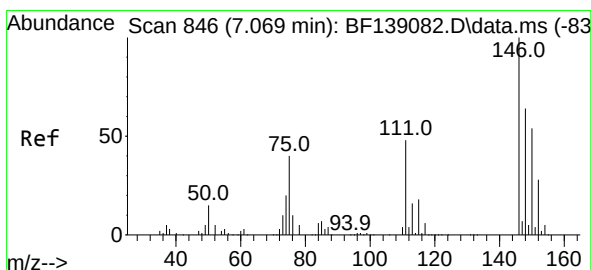
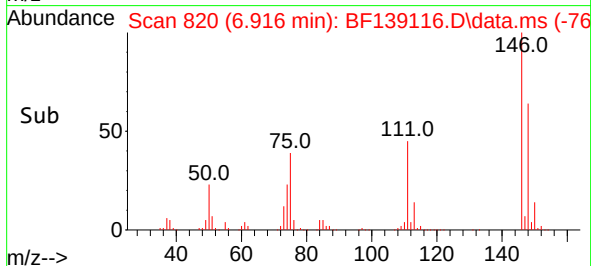
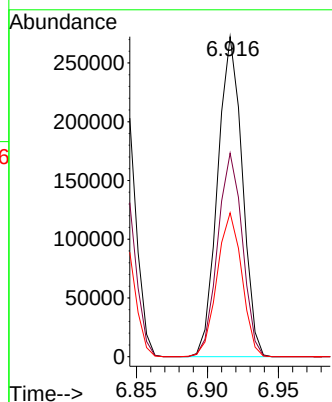
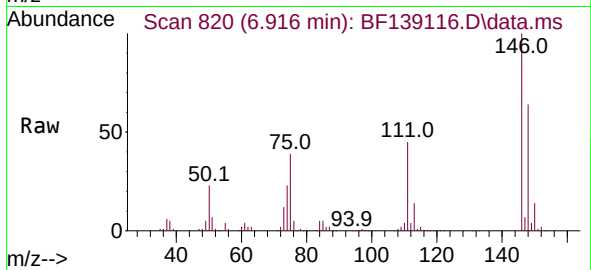
#13
1,4-Dichlorobenzene
Concen: 44.287 ng
RT: 6.916 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:146 Resp: 32815
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 45.0 35.8 53.6

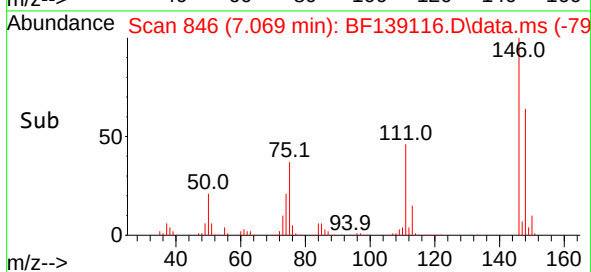
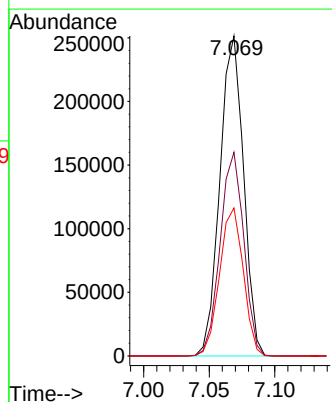
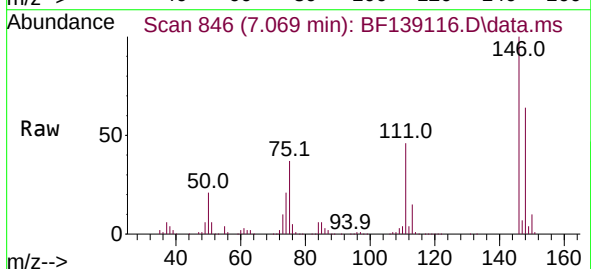
Manual Integrations
APPROVED

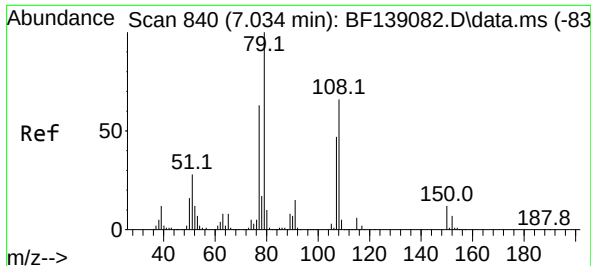
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#14
1,2-Dichlorobenzene
Concen: 46.554 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

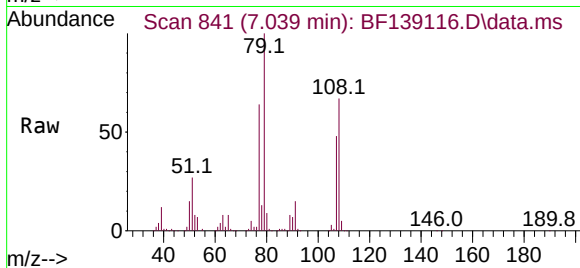
Tgt Ion:146 Resp: 315262
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 46.2 38.1 57.1





#15
Benzyl Alcohol
Concen: 48.478 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

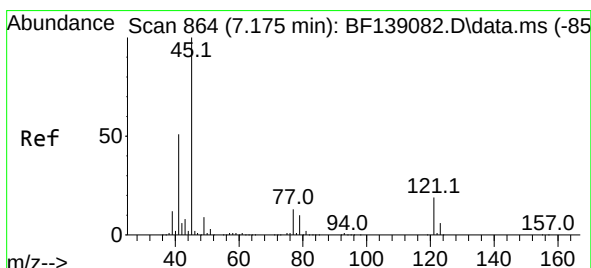
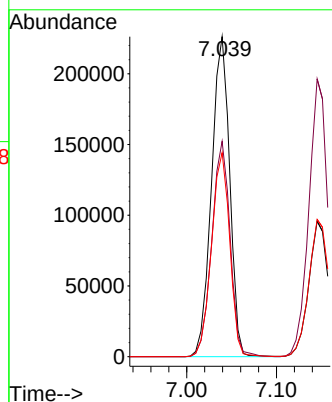
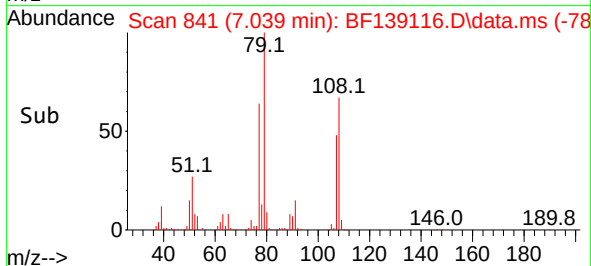
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



Tgt Ion: 79 Resp: 31726
Ion Ratio Lower Upper
79 100
108 67.3 52.8 79.2
77 63.7 50.6 76.0

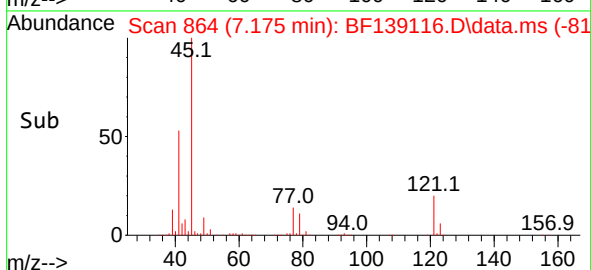
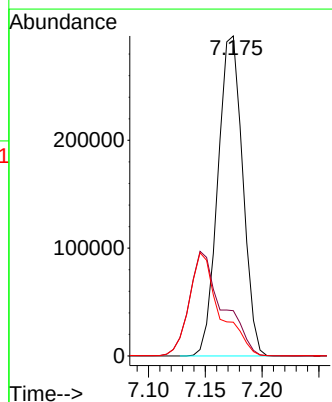
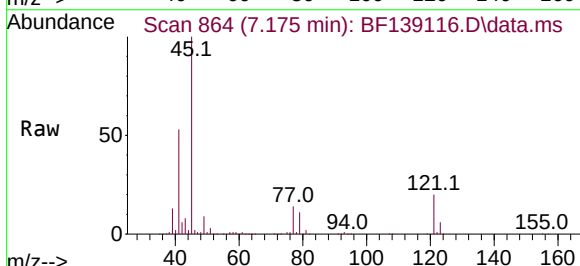
Manual Integrations
APPROVED

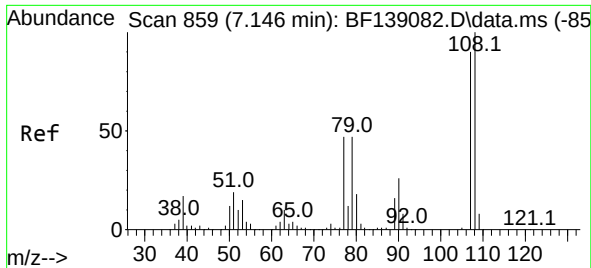
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.219 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion: 45 Resp: 451104
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.7
79 10.5 0.0 30.4





#17
2-Methylphenol
Concen: 47.036 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

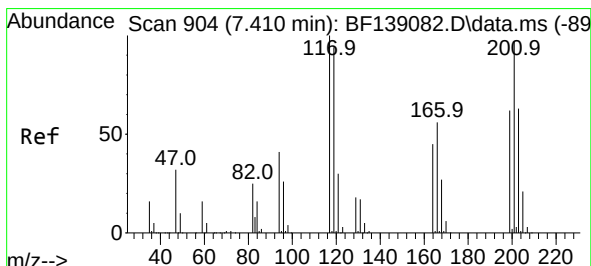
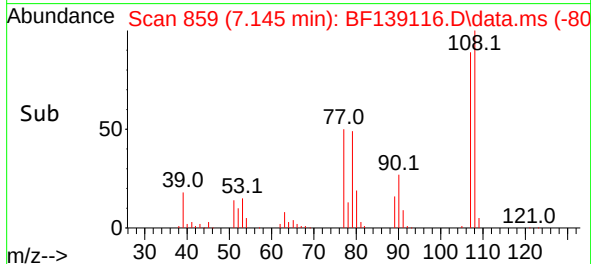
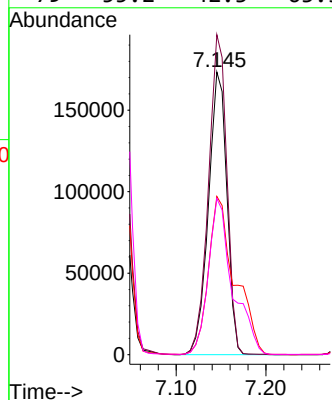
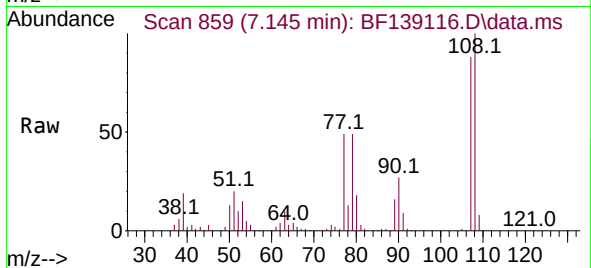
PB162687BSD

Tgt Ion:107 Resp: 24803
Ion Ratio Lower Upper
107 100
108 113.2 89.1 133.7
77 56.0 42.1 63.1
79 55.2 42.3 63.5

Manual Integrations

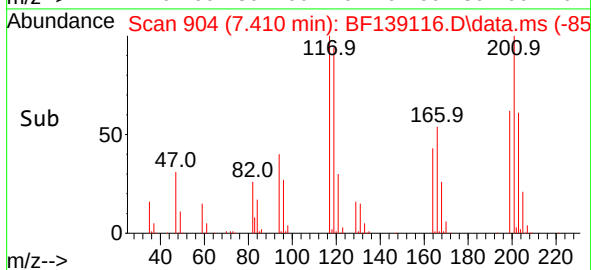
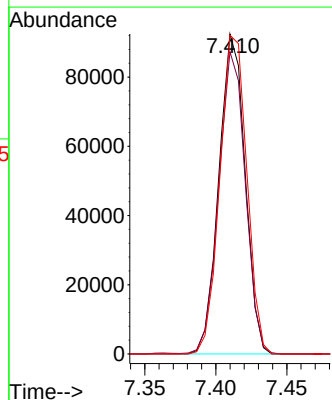
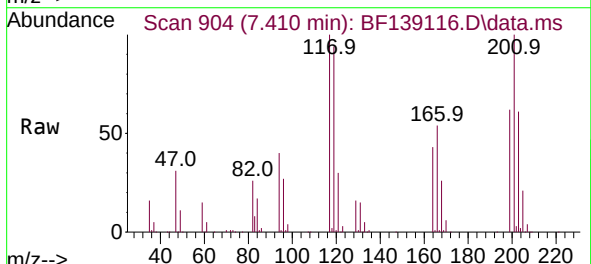
APPROVED

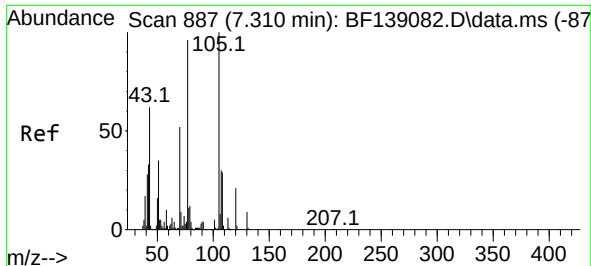
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#18
Hexachloroethane
Concen: 45.615 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

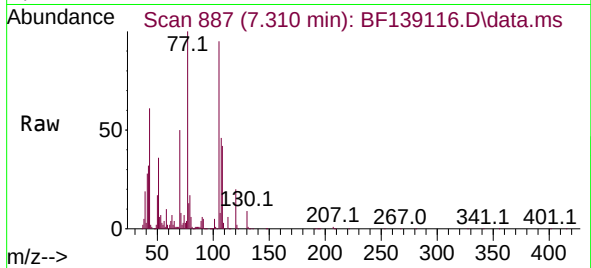
Tgt Ion:117 Resp: 118522
Ion Ratio Lower Upper
117 100
119 94.5 75.5 113.3
201 99.6 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.160 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

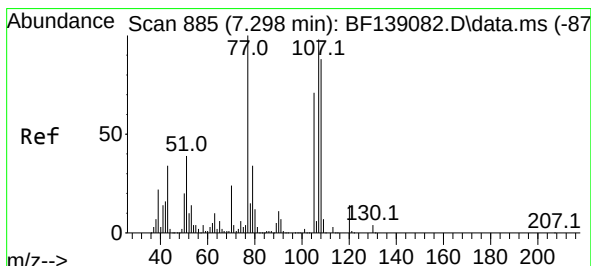
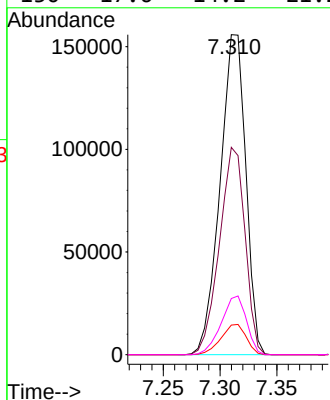
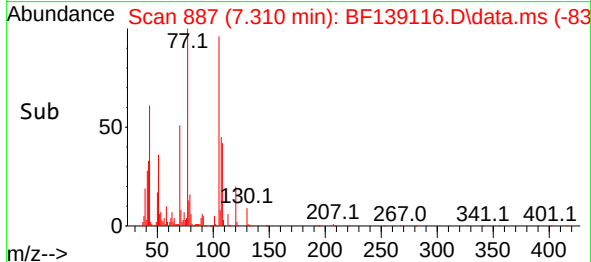
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



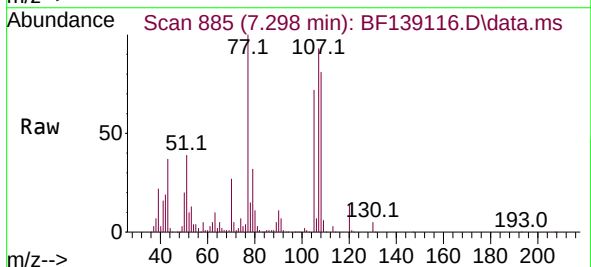
Tgt Ion: 70 Resp: 245572
Ion Ratio Lower Upper
70 100
42 64.8 50.5 75.7
101 9.2 7.2 10.8
130 17.6 14.2 21.2

Manual Integrations
APPROVED

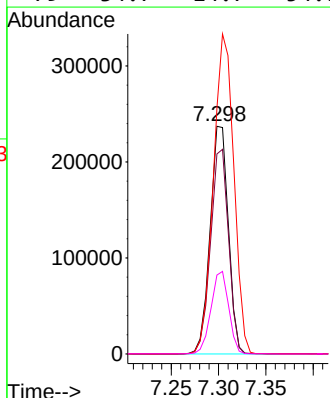
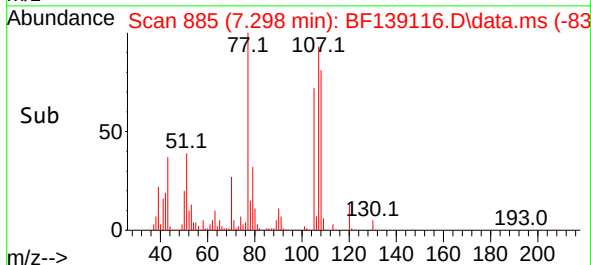
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

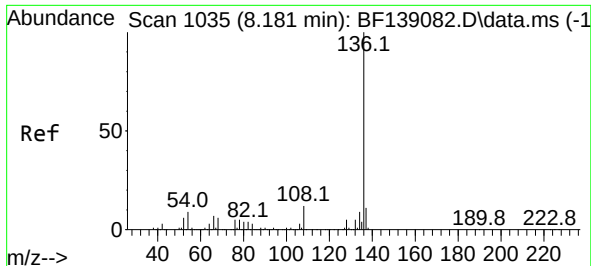


#20
3+4-Methylphenols
Concen: 46.495 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:107 Resp: 317662
Ion Ratio Lower Upper
107 100
108 87.9 70.2 110.2
77 107.9 82.7 122.7
79 34.7 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: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

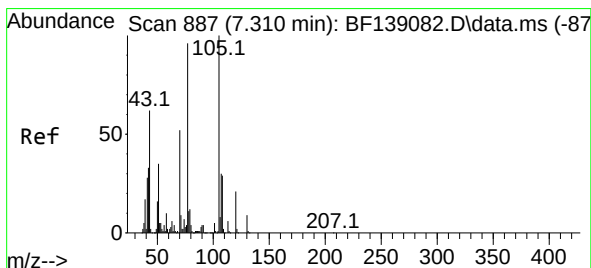
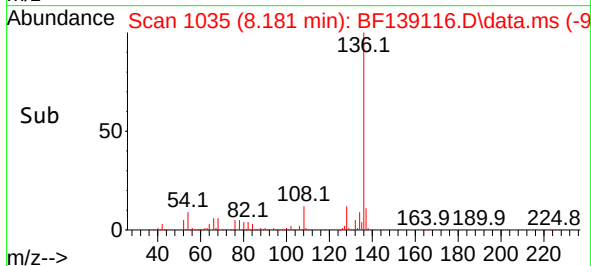
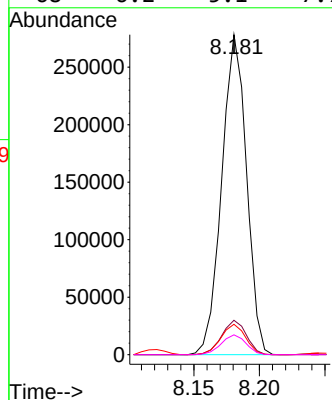
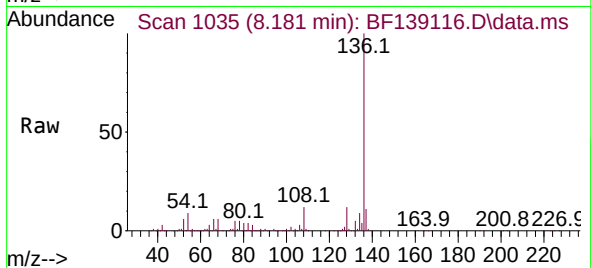
ClientSampleId :

PB162687BSD

Tgt Ion:136 Resp: 36583
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.5 7.6 11.4
68 6.2 5.1 7.7

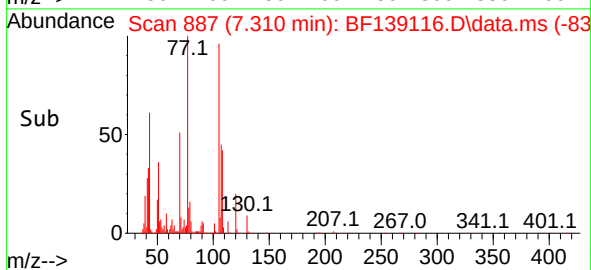
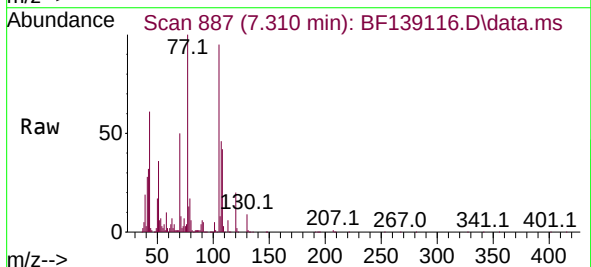
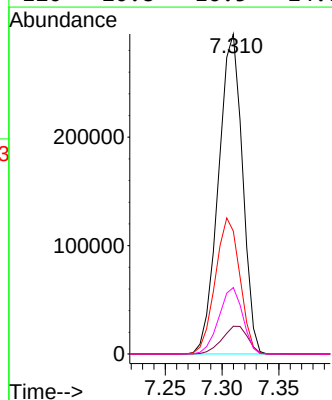
Manual Integrations
APPROVED

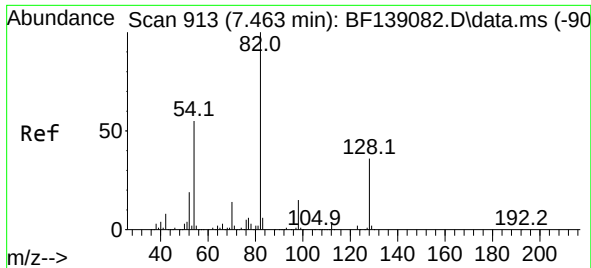
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 46.599 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:105 Resp: 435271
Ion Ratio Lower Upper
105 100
71 8.6 7.0 10.6
51 38.4 28.0 42.0
120 20.8 16.5 24.7





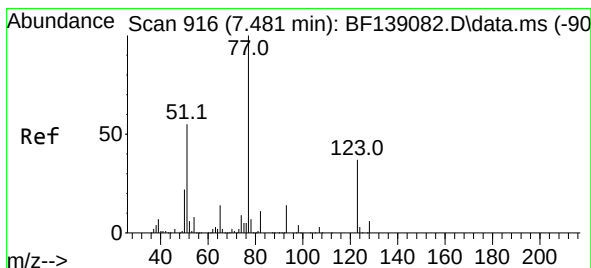
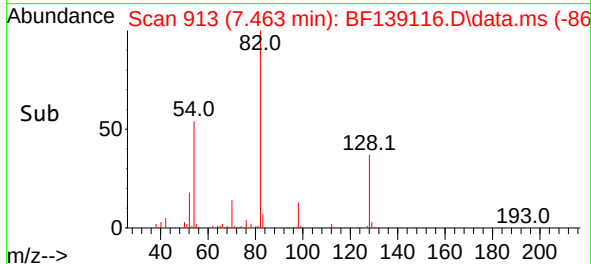
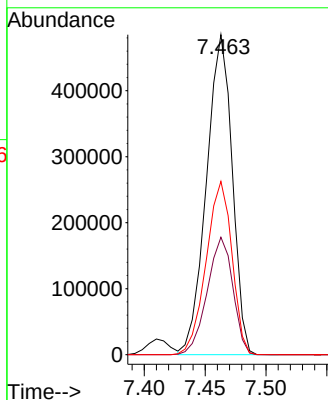
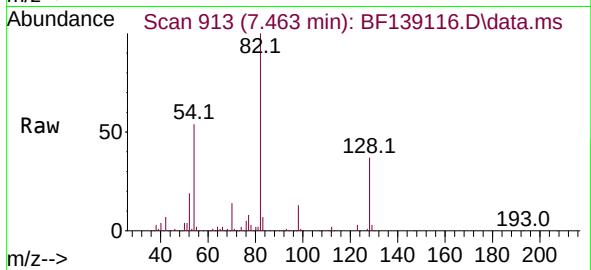
#23
Nitrobenzene-d5
Concen: 113.851 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion: 82 Resp: 71478
Ion Ratio Lower Upper
82 100
128 36.7 29.0 43.4
54 54.2 43.4 65.2

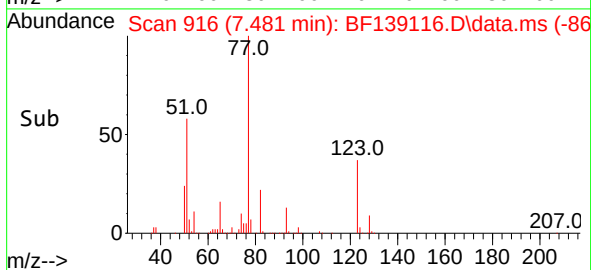
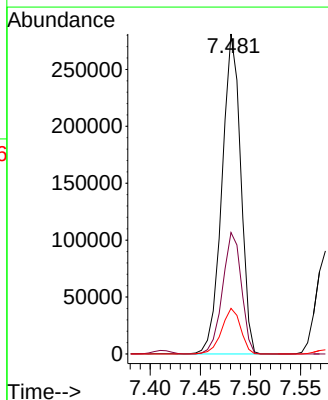
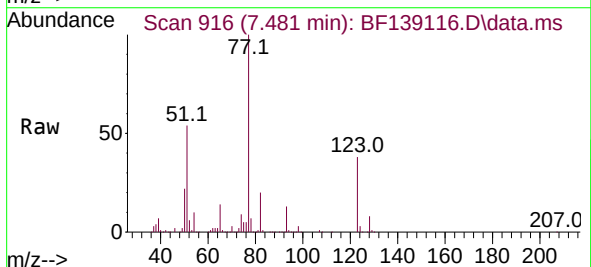
Manual Integrations
APPROVED

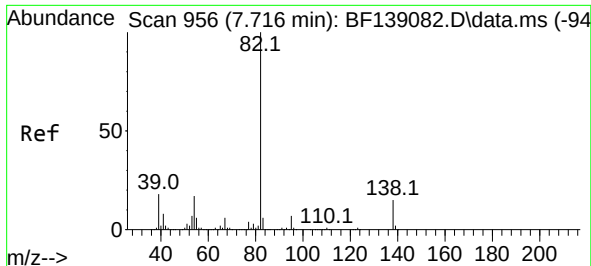
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#24
Nitrobenzene
Concen: 52.264 ng
RT: 7.481 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

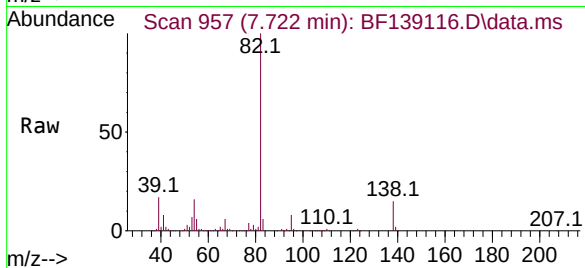
Tgt Ion: 77 Resp: 364723
Ion Ratio Lower Upper
77 100
123 37.9 30.3 45.5
65 14.2 11.3 16.9





#25
Isophorone
Concen: 48.579 ng
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

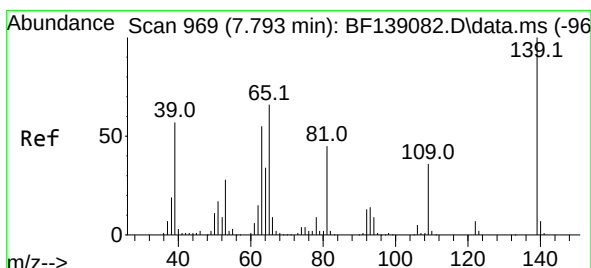
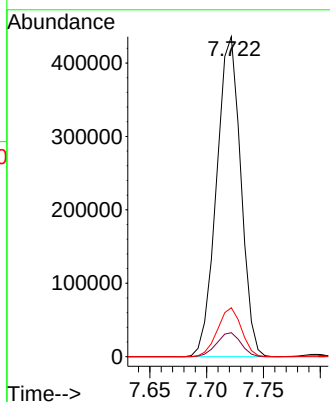
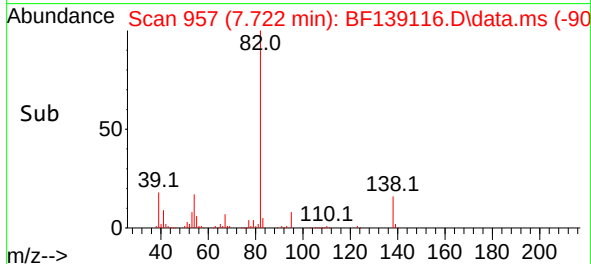
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



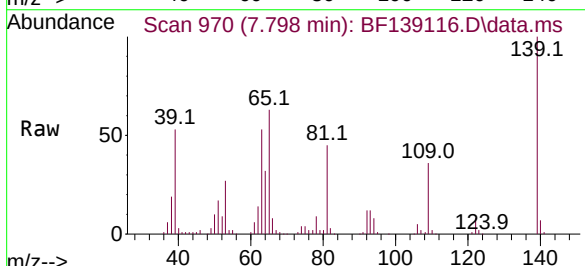
Tgt Ion: 82 Resp: 648250
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.3 11.8 17.8

Manual Integrations
APPROVED

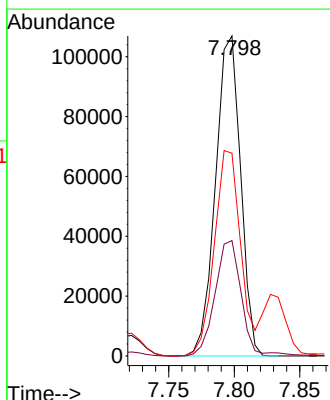
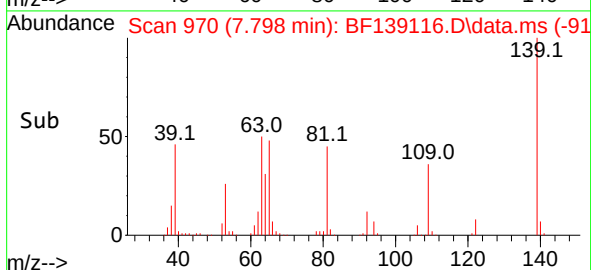
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

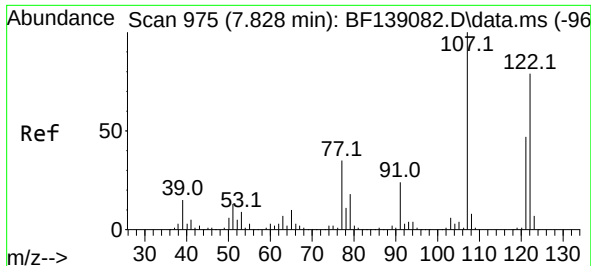


#26
2-Nitrophenol
Concen: 57.242 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:139 Resp: 142263
Ion Ratio Lower Upper
139 100
109 36.1 29.2 43.8
65 63.3 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 56.483 ng

RT: 7.833 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion:122 Resp: 239009

Ion Ratio Lower Upper

122 100

107 125.1 101.1 151.7

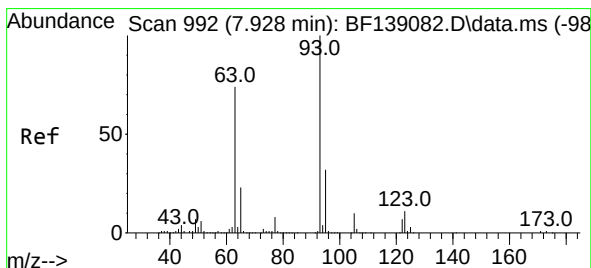
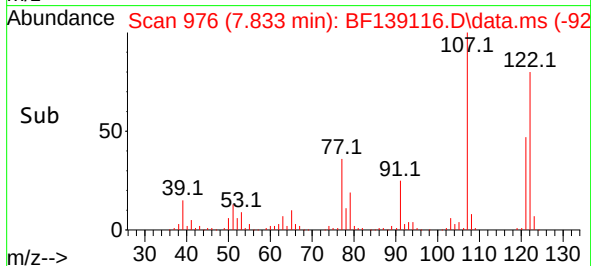
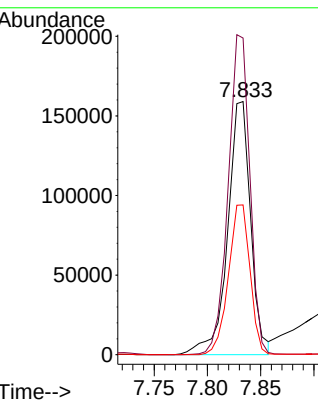
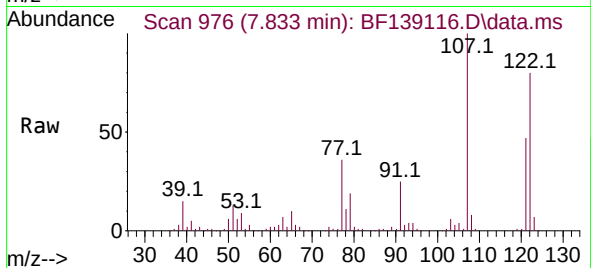
121 59.2 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.828 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

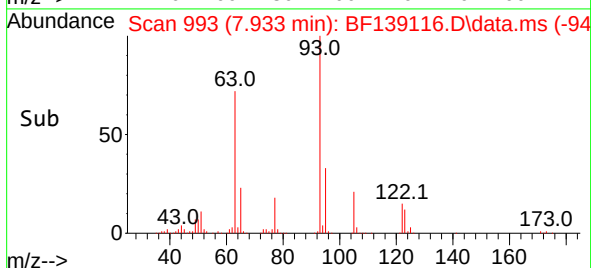
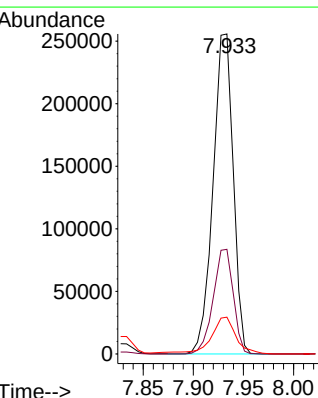
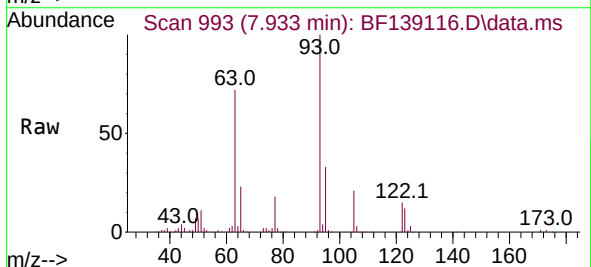
Tgt Ion: 93 Resp: 357324

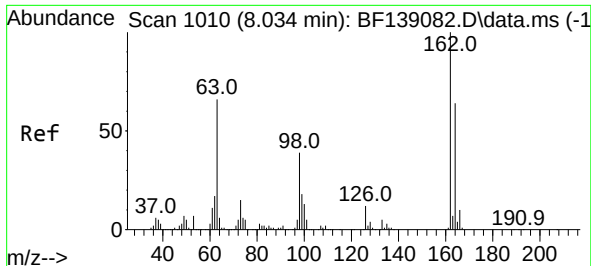
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.256 ng

RT: 8.033 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

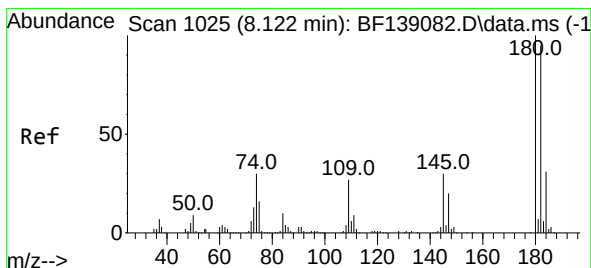
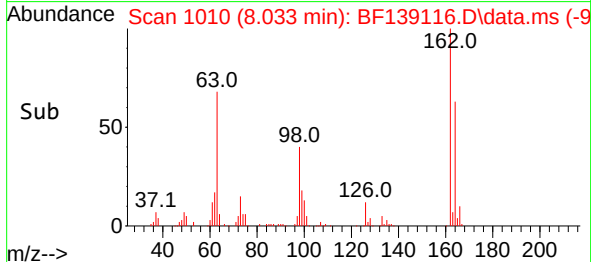
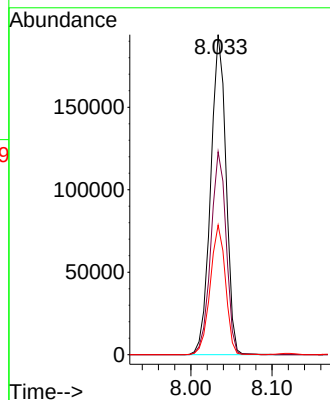
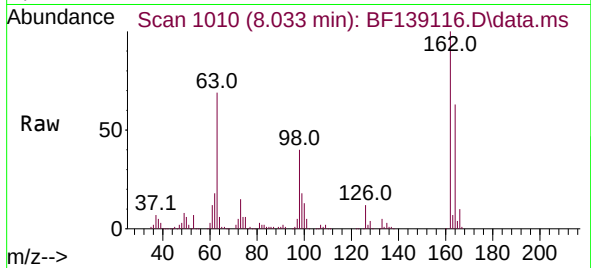
Tgt Ion:162 Resp: 254389
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.9 83.9
 98 40.5 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.503 ng

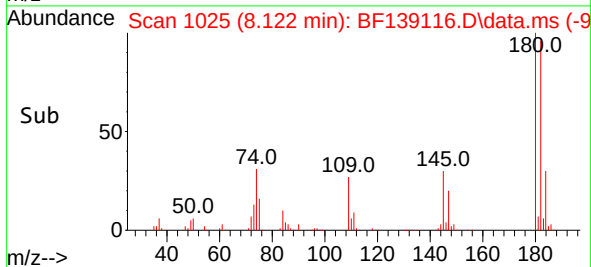
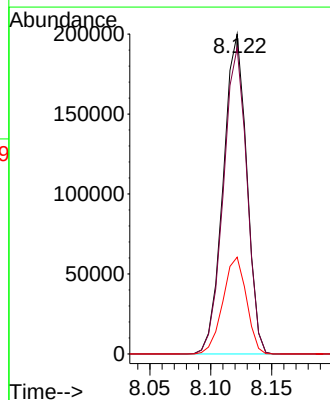
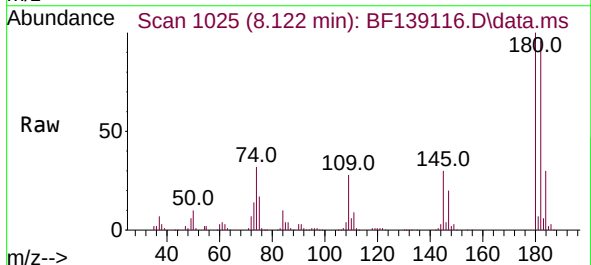
RT: 8.122 min Scan# 1025

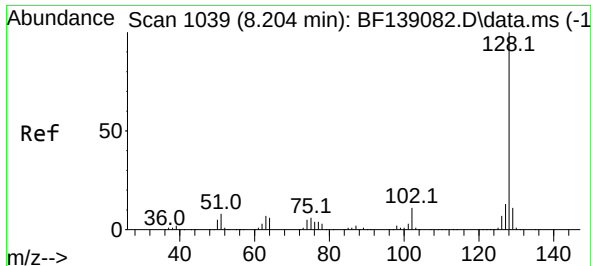
Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Tgt Ion:180 Resp: 268535
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.1 114.1
 145 30.2 23.9 35.9





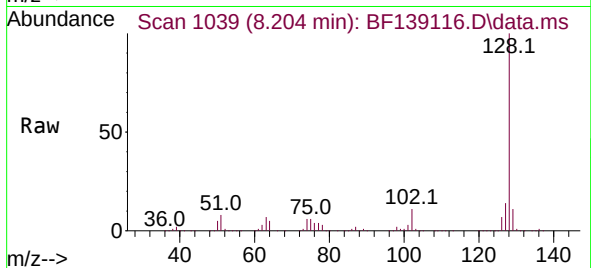
#31
Naphthalene
Concen: 45.753 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

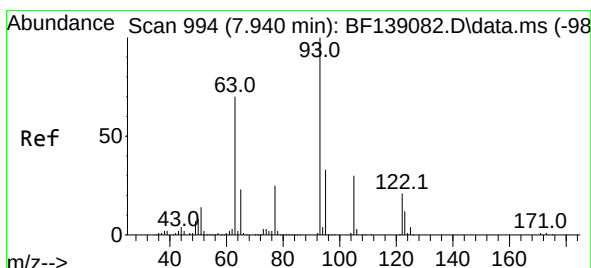
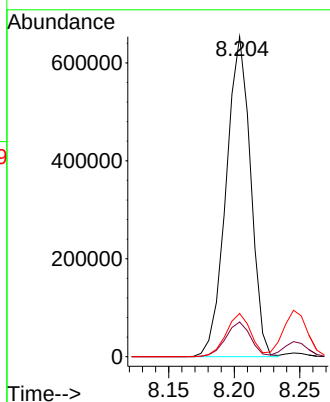
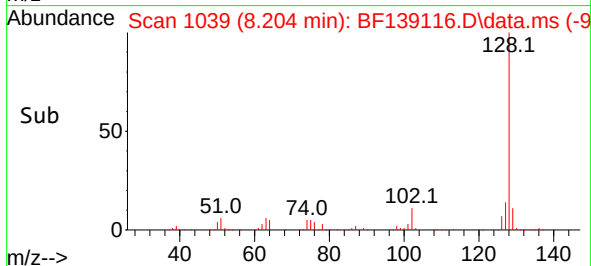
PB162687BSD



Tgt Ion:128 Resp: 84819
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.7 16.1

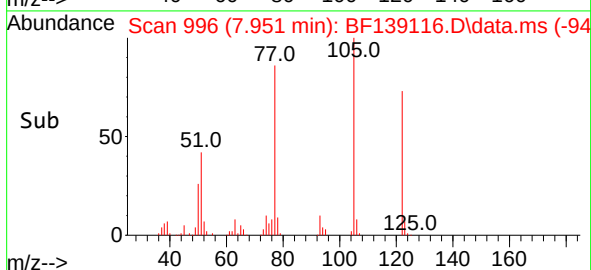
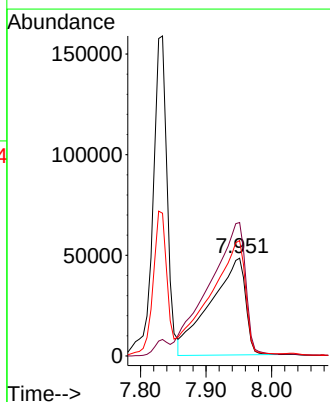
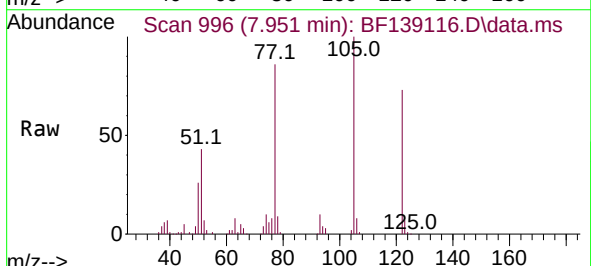
Manual Integrations
APPROVED

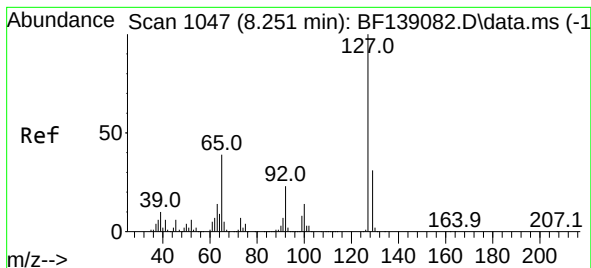
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#32
Benzoic acid
Concen: 50.380 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:122 Resp: 179295
Ion Ratio Lower Upper
122 100
105 136.5 119.6 159.6
77 118.1 97.6 137.6





#33
4-Chloroaniline
Concen: 19.483 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

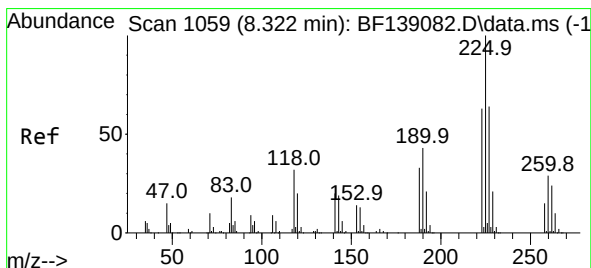
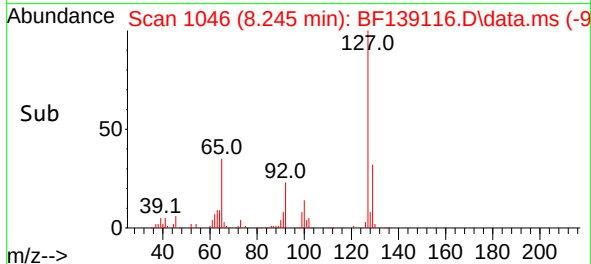
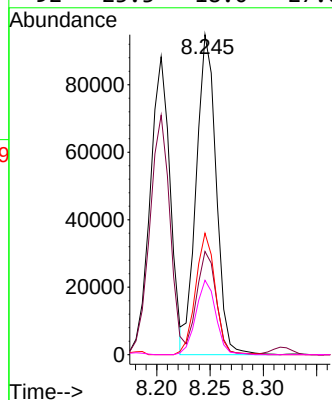
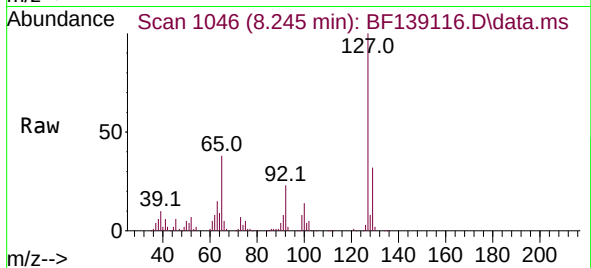
PB162687BSD

Tgt Ion:127 Resp: 12369
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 38.0 30.3 45.5
92 23.3 18.0 27.0

Manual Integrations

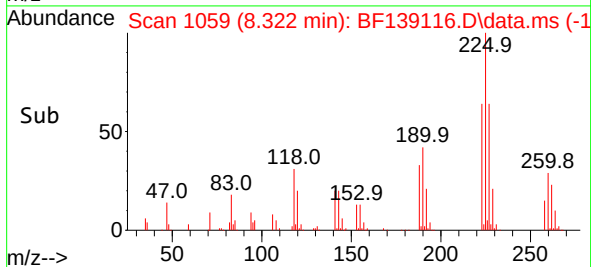
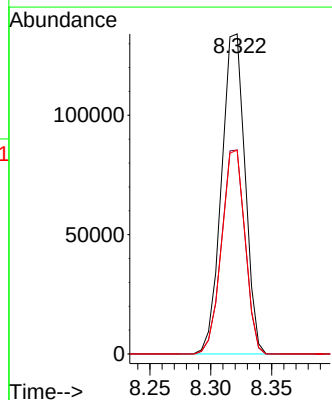
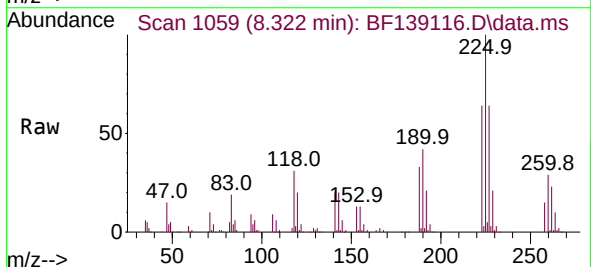
APPROVED

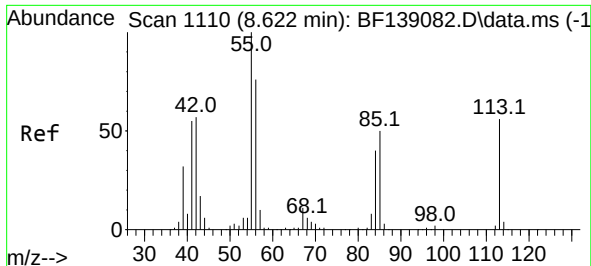
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 44.700 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:225 Resp: 180247
Ion Ratio Lower Upper
225 100
223 63.8 50.0 75.0
227 63.7 51.4 77.2





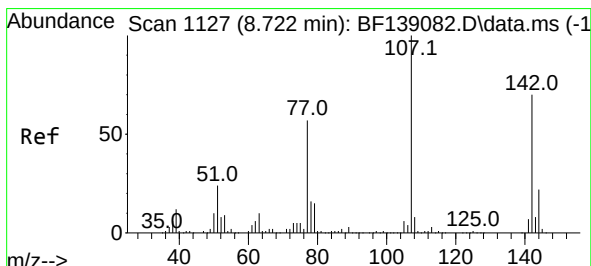
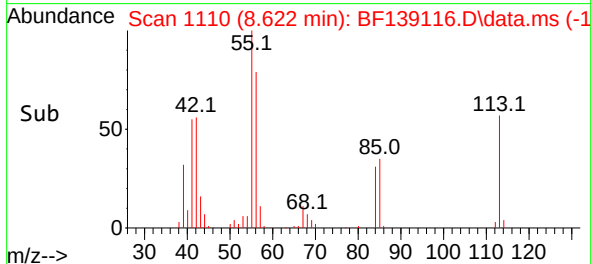
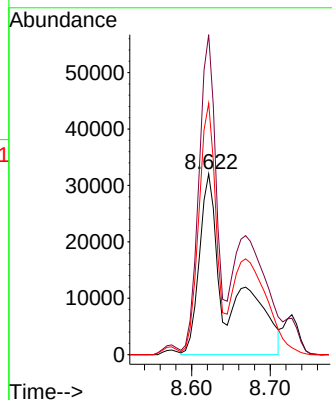
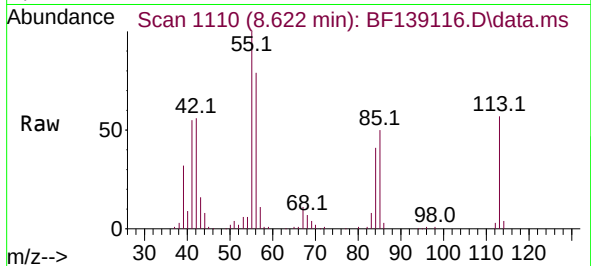
#35
Caprolactam
Concen: 50.070 ng m
RT: 8.622 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:113 Resp: 83684
Ion Ratio Lower Upper
113 100
55 176.9 158.6 198.6
56 139.0 115.9 155.9

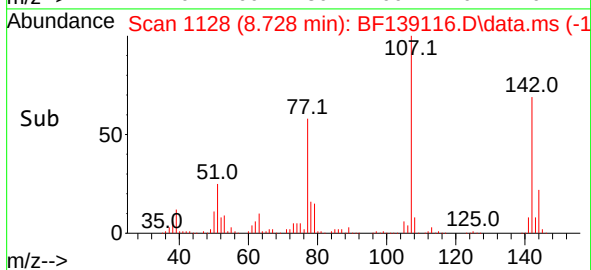
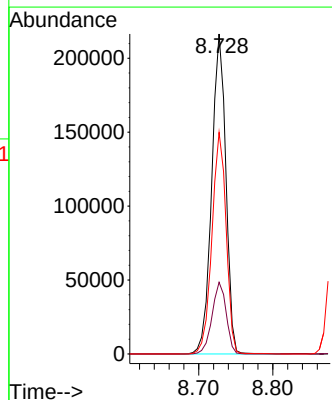
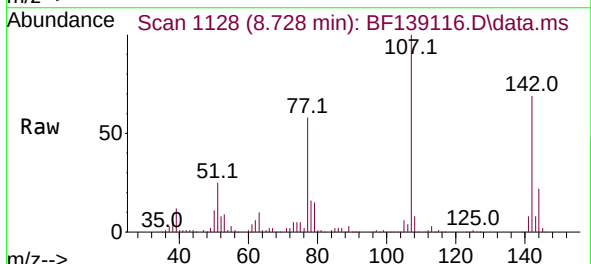
Manual Integrations
APPROVED

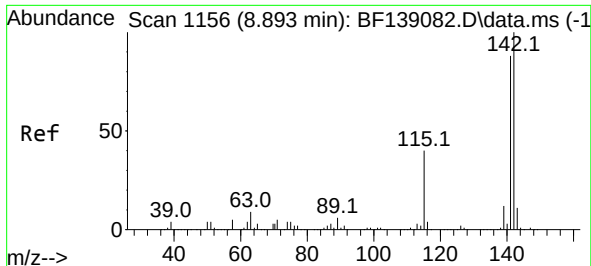
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 49.101 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:107 Resp: 286601
Ion Ratio Lower Upper
107 100
144 22.4 17.7 26.5
142 69.2 55.6 83.4





#37

2-Methylnaphthalene

Concen: 47.269 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion:142 Resp: 562078

Ion Ratio Lower Upper

142 100

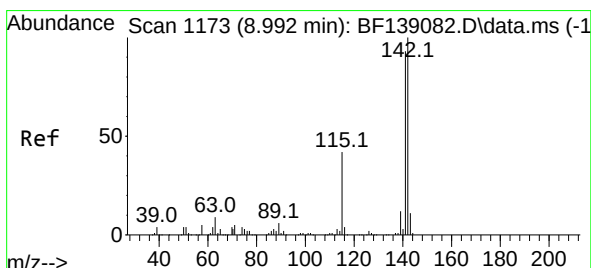
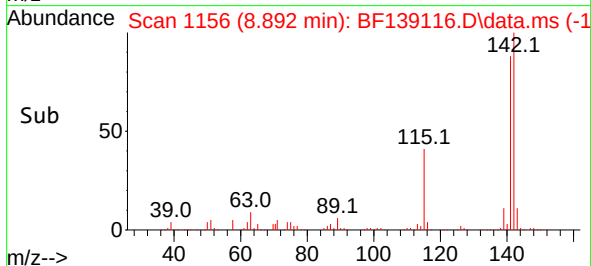
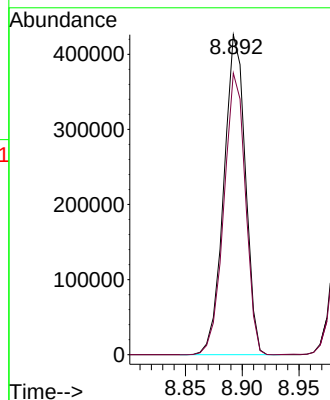
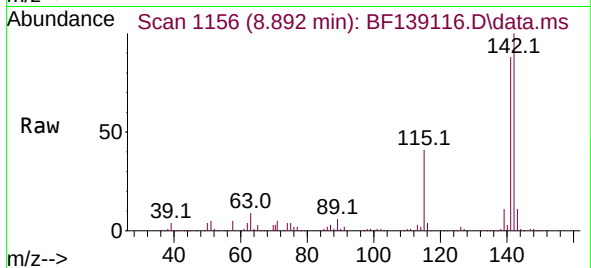
141 88.0 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#38

1-Methylnaphthalene

Concen: 45.162 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139116.D

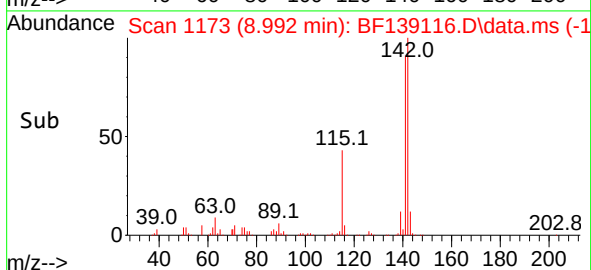
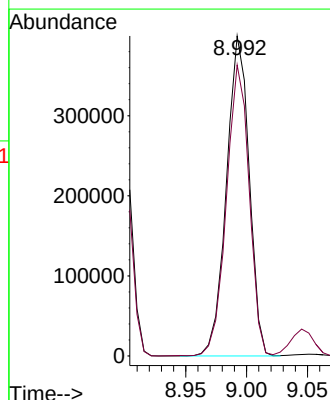
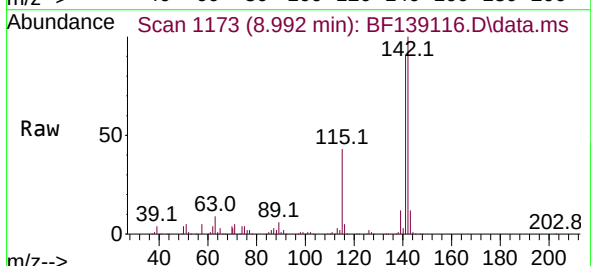
Acq: 22 Aug 2024 11:53

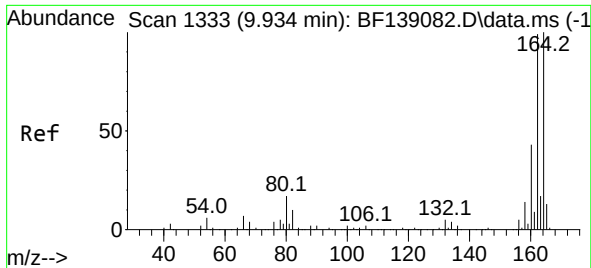
Tgt Ion:142 Resp: 518293

Ion Ratio Lower Upper

142 100

141 91.0 74.1 111.1





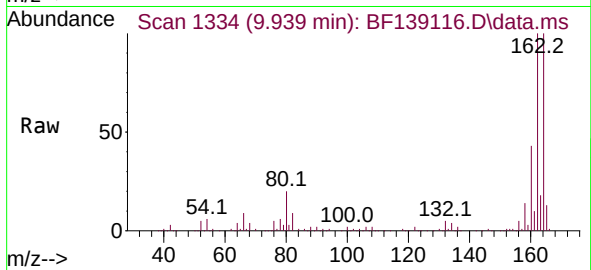
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



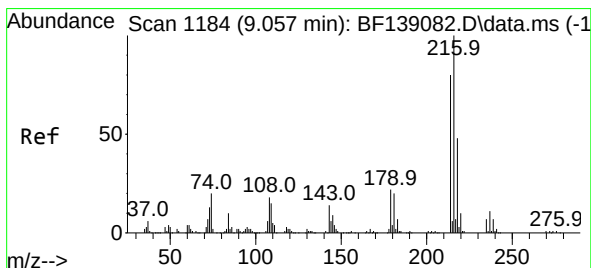
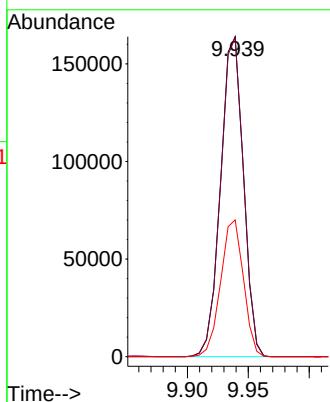
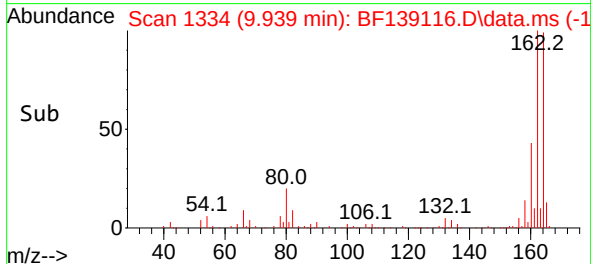
Tgt Ion:164 Resp: 213614
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 42.8 34.5 51.7

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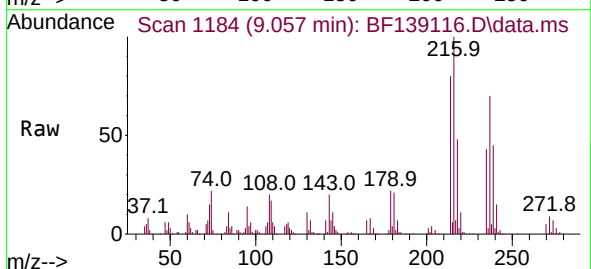
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

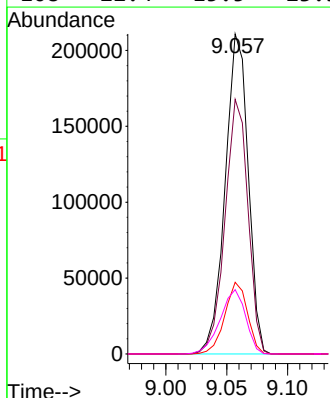
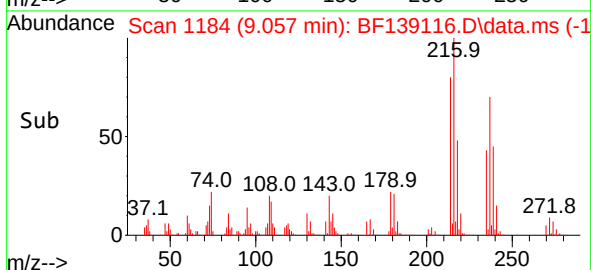
Supervised By :mohammad ahmed 08/23/2024

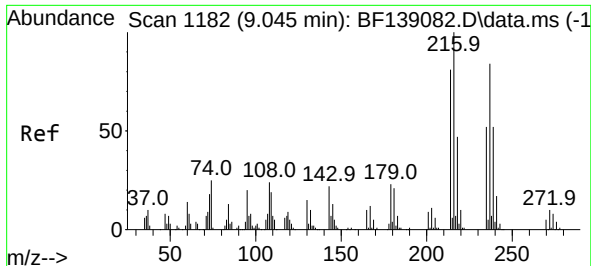


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.648 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



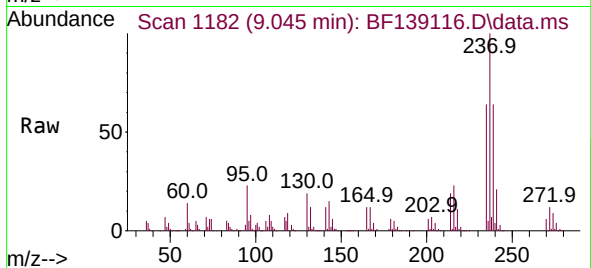
Tgt Ion:216 Resp: 277079
Ion Ratio Lower Upper
216 100
214 79.1 64.2 96.2
179 22.1 17.4 26.2
108 22.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 171.260 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

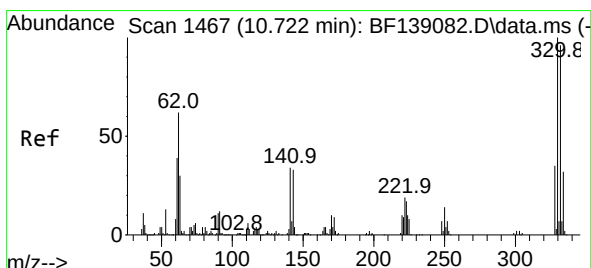
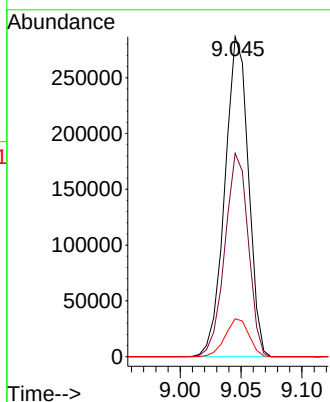
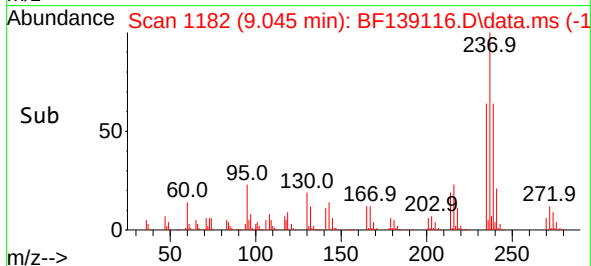
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



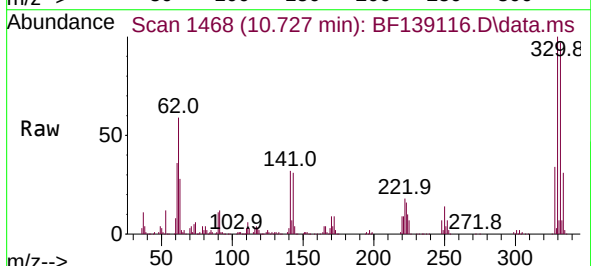
Tgt Ion:237 Resp: 384938
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 11.9 0.0 32.0

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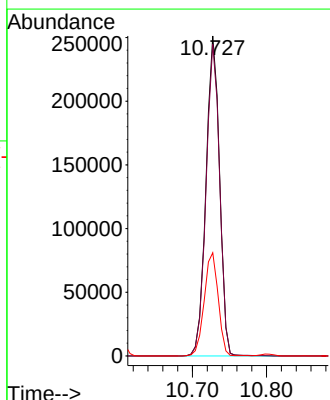
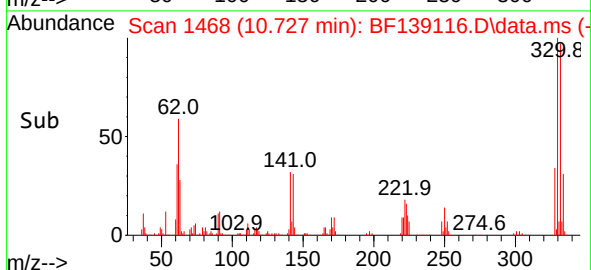
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

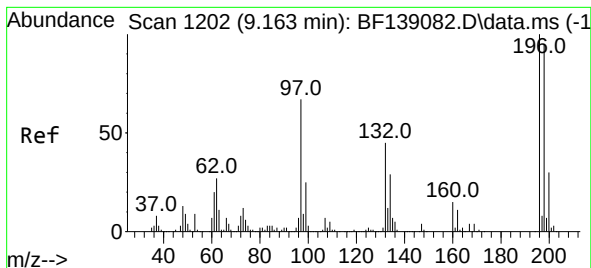


#42
2,4,6-Tribromophenol
Concen: 165.024 ng
RT: 10.727 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



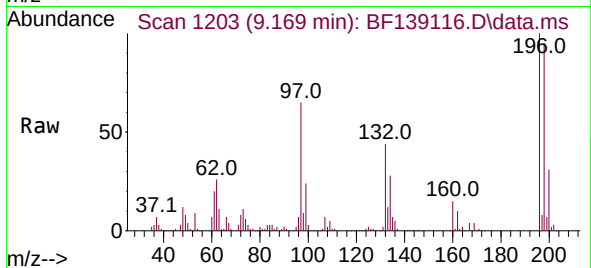
Tgt Ion:330 Resp: 319126
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.2 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 49.546 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

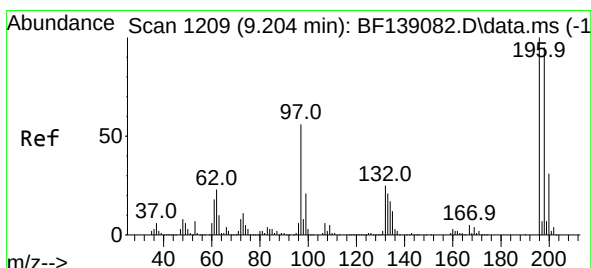
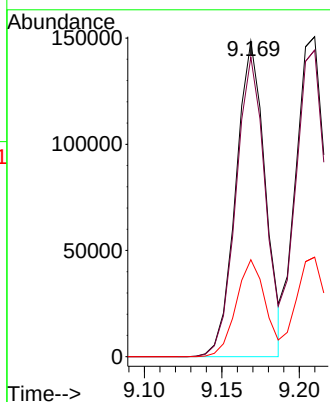
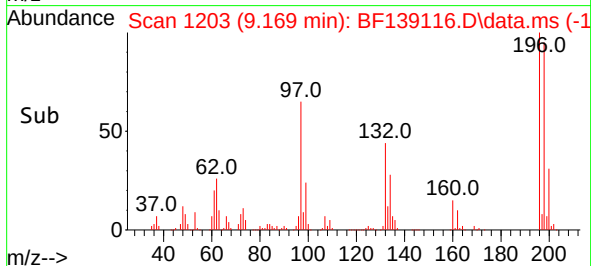
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



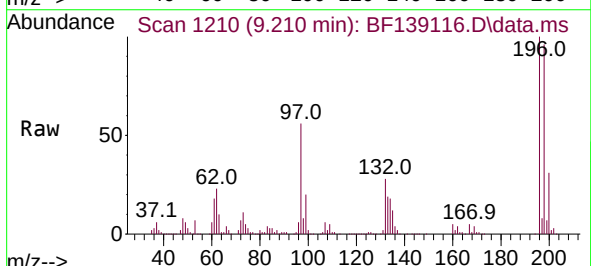
Tgt Ion:196 Resp: 195540
Ion Ratio Lower Upper
196 100
198 94.9 76.4 114.6
200 30.7 23.8 35.8

Manual Integrations
APPROVED

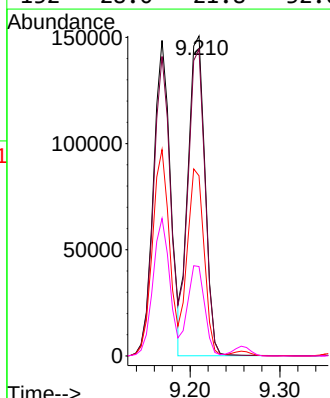
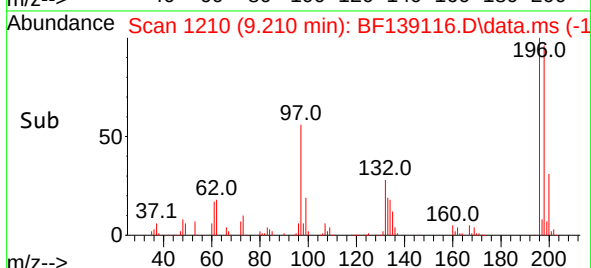
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

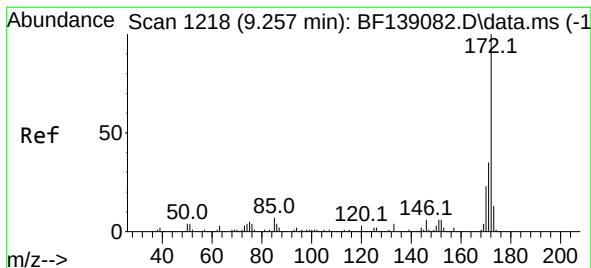


#44
2,4,5-Trichlorophenol
Concen: 48.979 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:196 Resp: 198415
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
97 56.3 44.6 67.0
132 28.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 91.459 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion:172 Resp: 123136

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

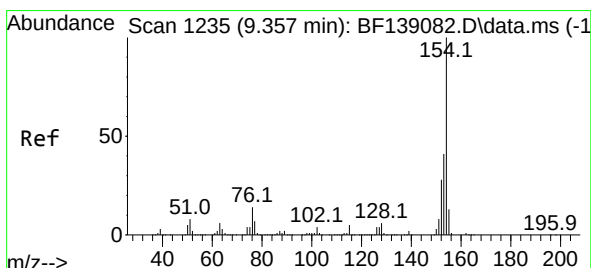
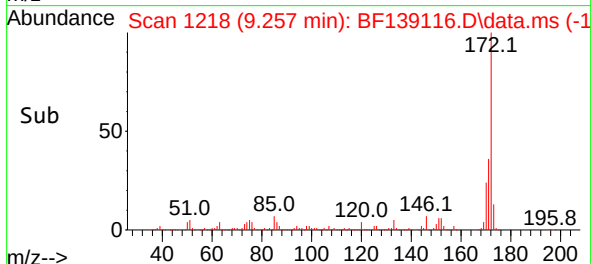
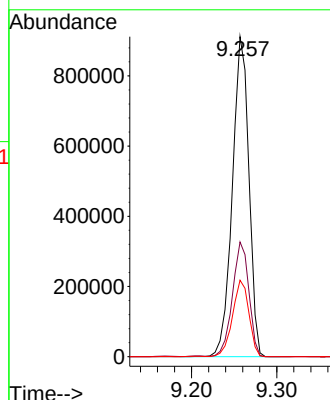
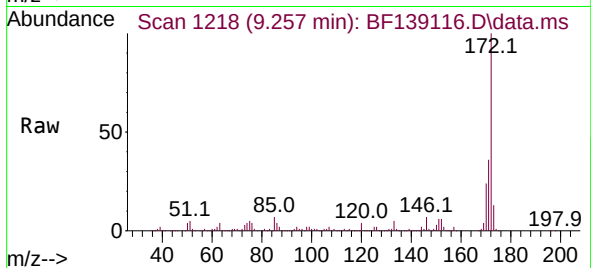
170 23.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#46

1,1'-Biphenyl

Concen: 47.586 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

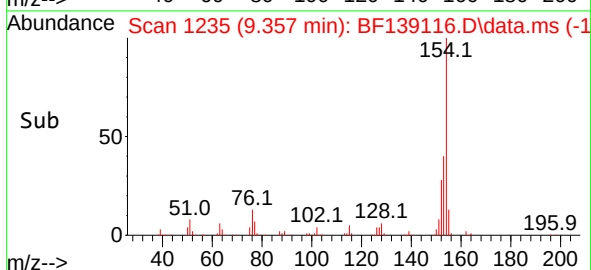
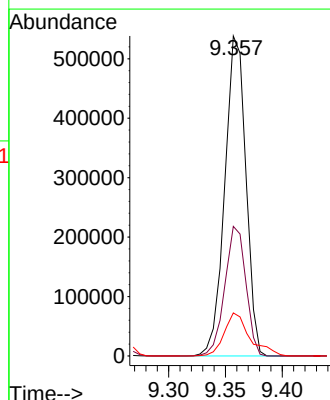
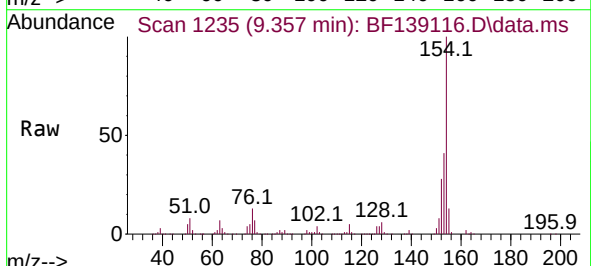
Tgt Ion:154 Resp: 696322

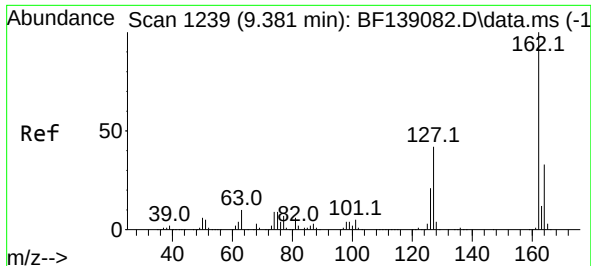
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 13.5 0.0 33.6





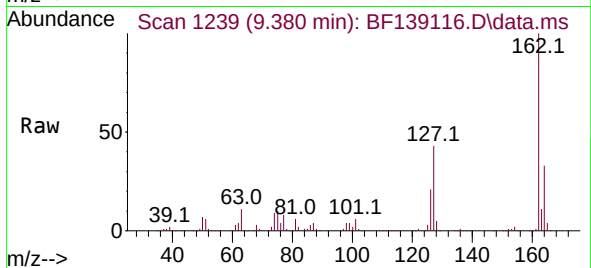
#47
2-Chloronaphthalene
Concen: 45.162 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.001 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



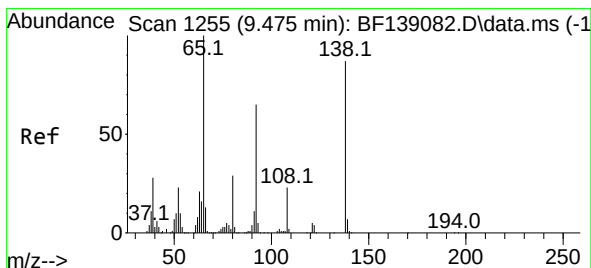
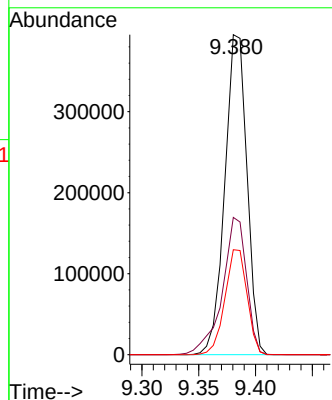
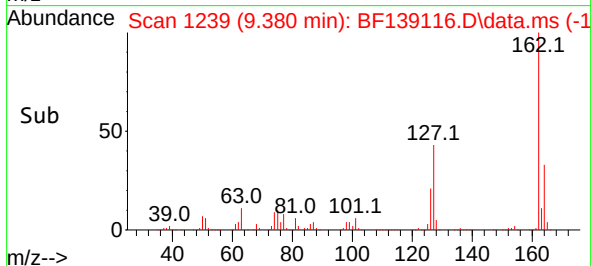
Tgt Ion:162 Resp: 53697
Ion Ratio Lower Upper
162 100
127 42.9 33.8 50.6
164 32.8 26.3 39.5

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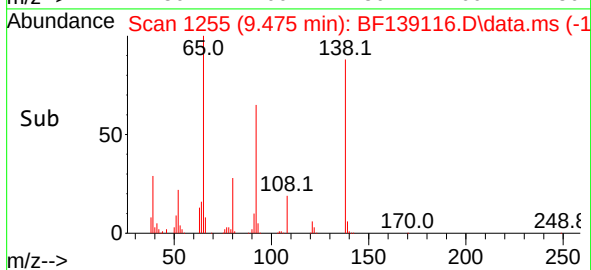
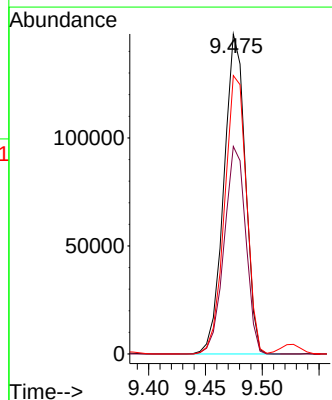
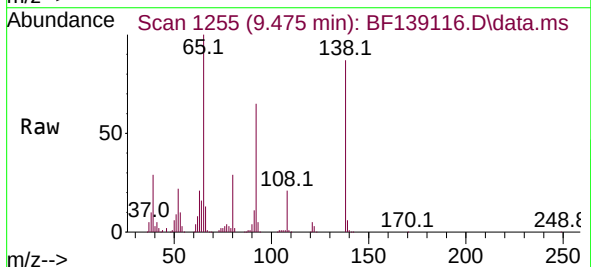
Reviewed By :Yogesh Patel 08/23/2024

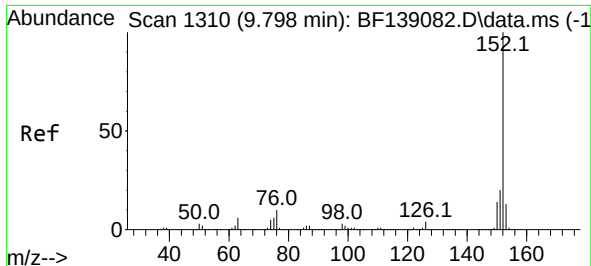
Supervised By :mohammad ahmed 08/23/2024



#48
2-Nitroaniline
Concen: 56.072 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

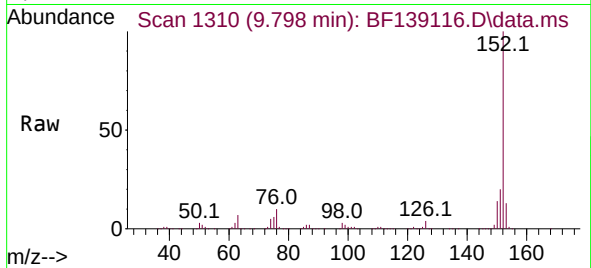
Tgt Ion: 65 Resp: 194753
Ion Ratio Lower Upper
65 100
92 64.9 52.4 78.6
138 87.0 69.4 104.0





#49
Acenaphthylene
Concen: 50.777 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

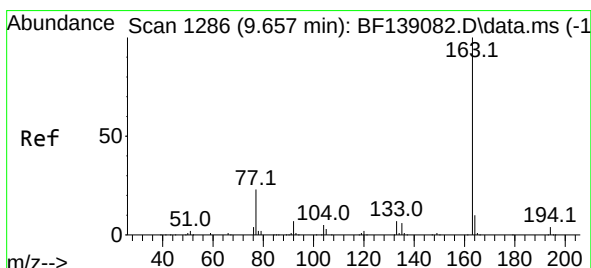
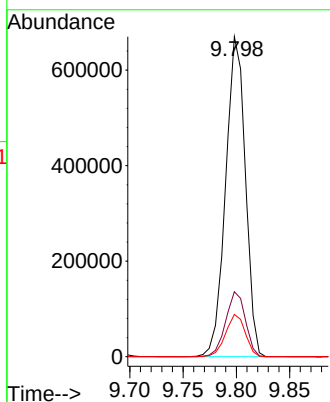
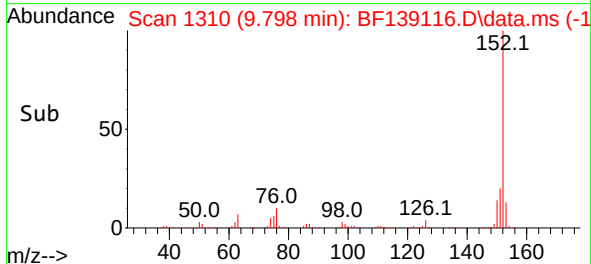
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



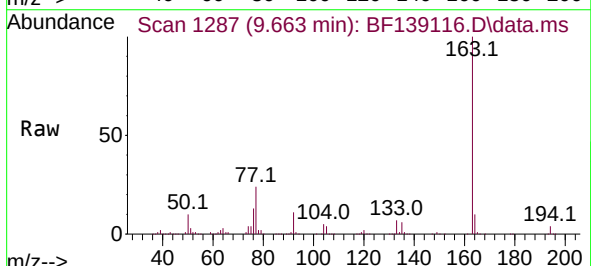
Tgt Ion:152 Resp: 864839
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations
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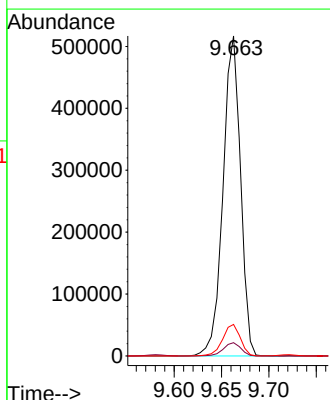
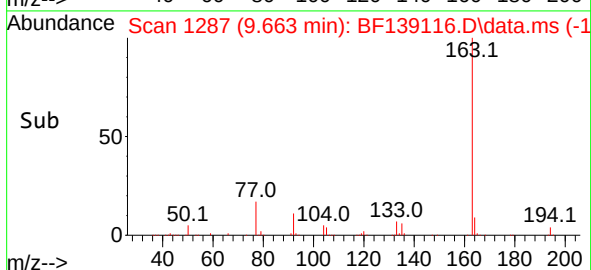
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

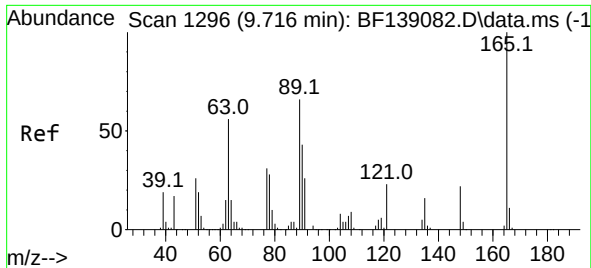


#50
Dimethylphthalate
Concen: 50.384 ng
RT: 9.663 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



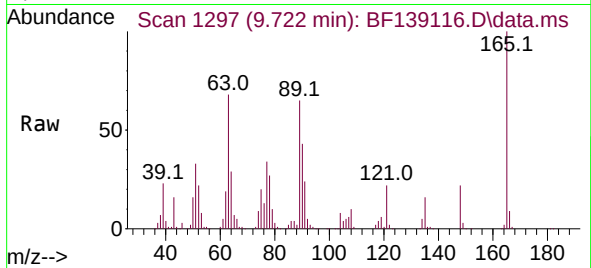
Tgt Ion:163 Resp: 664451
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.277 ng
RT: 9.722 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

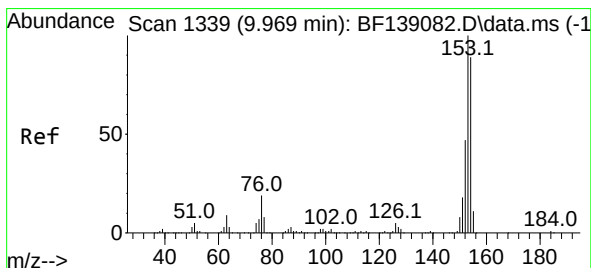
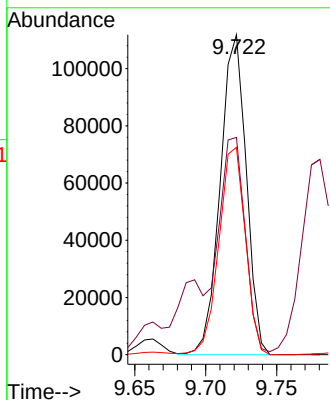
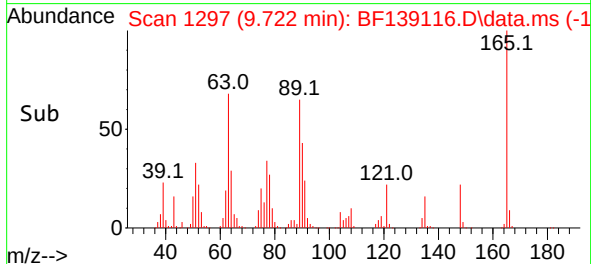
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



Tgt Ion:165 Resp: 142379
Ion Ratio Lower Upper
165 100
63 67.9 58.0 87.0
89 64.8 53.3 79.9

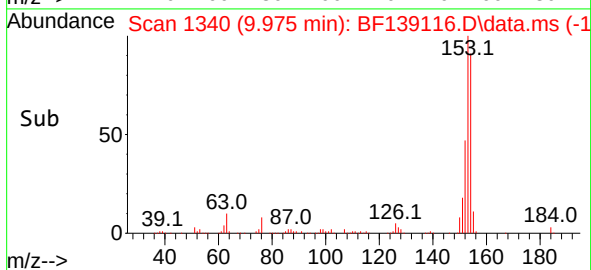
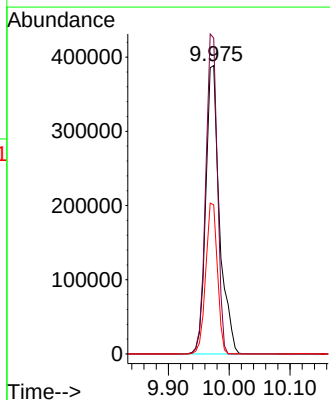
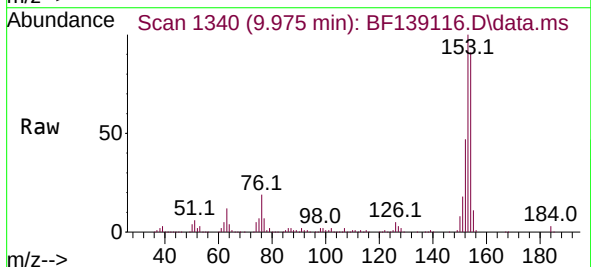
Manual Integrations
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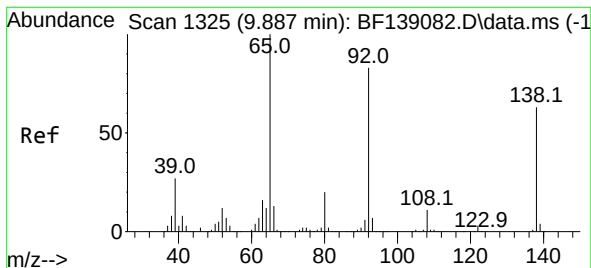
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#52
Acenaphthene
Concen: 54.513 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:154 Resp: 613312
Ion Ratio Lower Upper
154 100
153 109.6 89.7 134.5
152 51.7 42.3 63.5





#53

3-Nitroaniline

Concen: 35.398 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

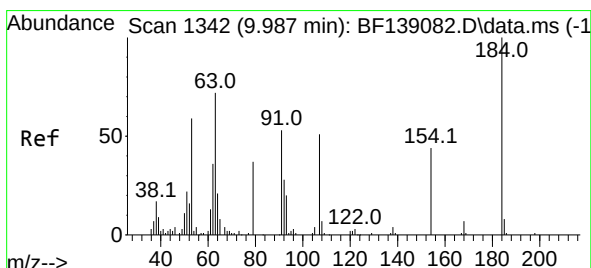
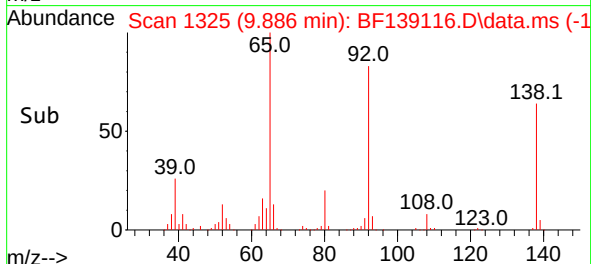
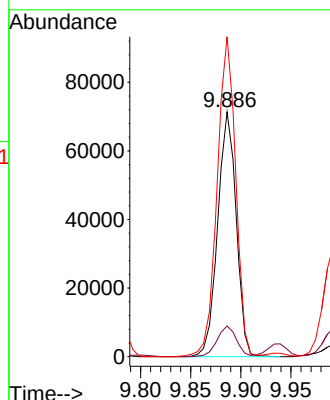
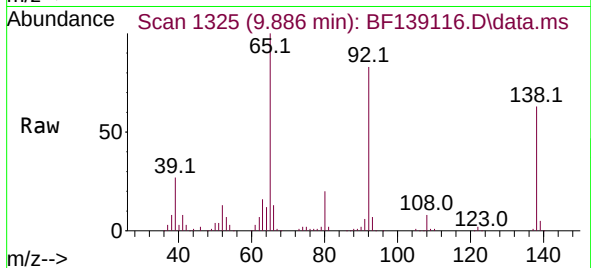
Tgt Ion:138 Resp: 9153
 Ion Ratio Lower Upper
 138 100
 108 12.5 14.6 21.8
 92 130.7 105.9 158.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#54

2,4-Dinitrophenol

Concen: 107.436 ng

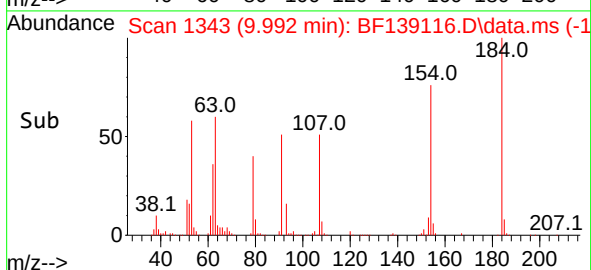
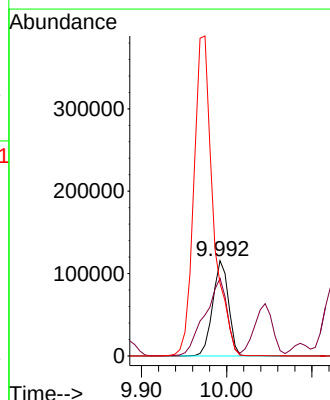
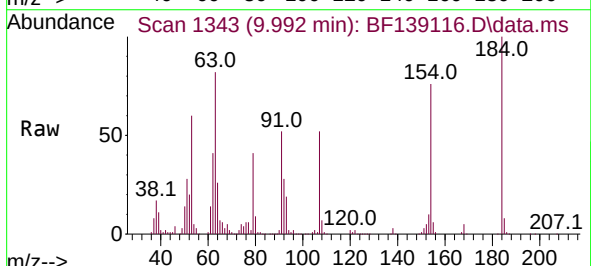
RT: 9.992 min Scan# 1343

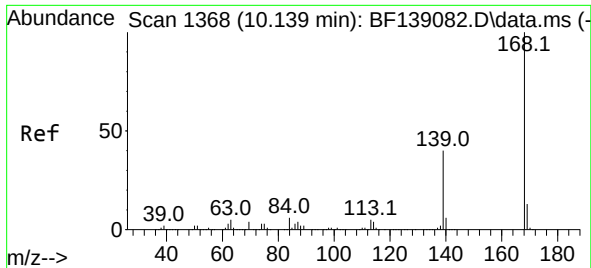
Delta R.T. 0.005 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

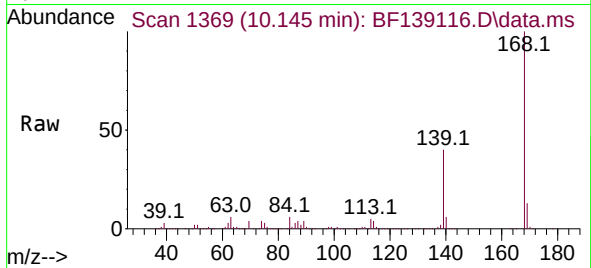
Tgt Ion:184 Resp: 149588
 Ion Ratio Lower Upper
 184 100
 63 81.6 70.5 105.7
 154 76.1 135.0 202.6





#55
Dibenzenofuran
Concen: 48.319 ng
RT: 10.145 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

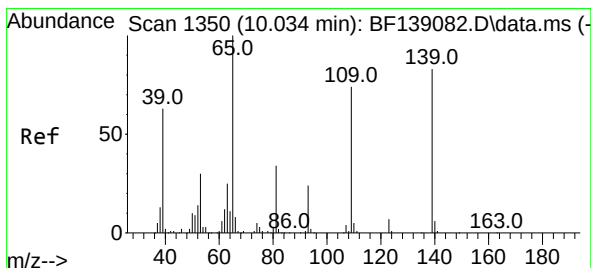
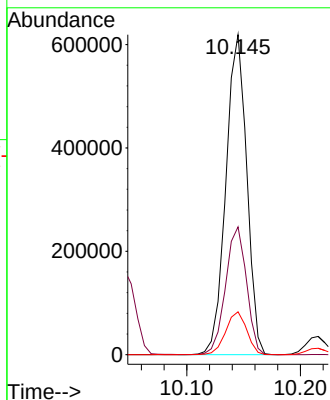
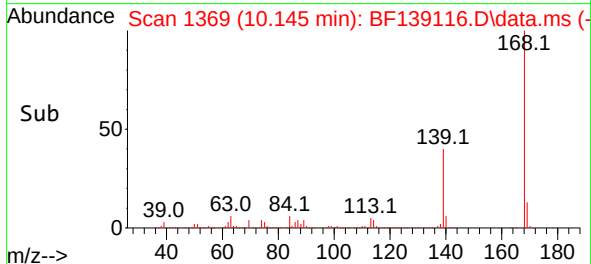
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



Tgt Ion:168 Resp: 789610
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.4 10.7 16.1

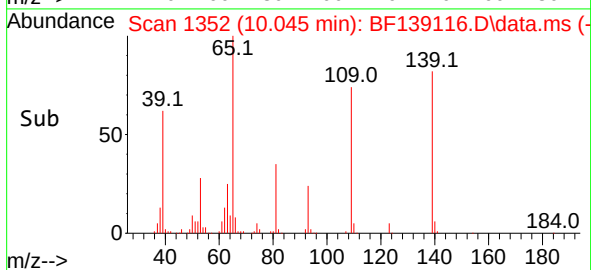
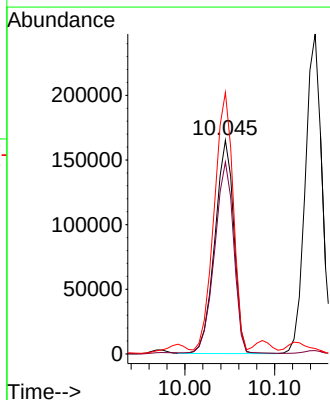
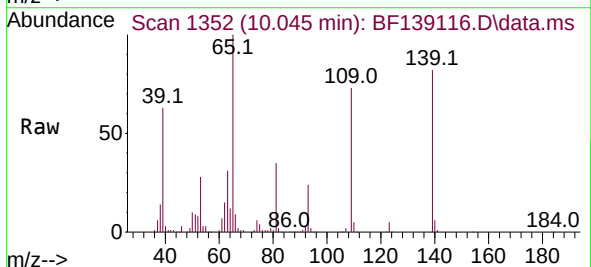
Manual Integrations
APPROVED

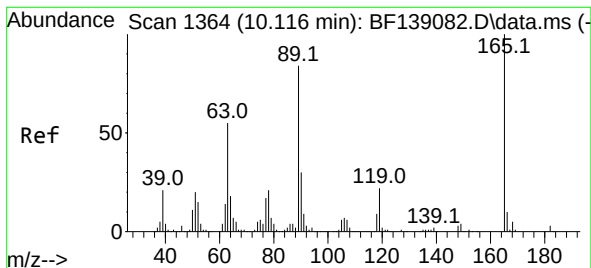
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#56
4-Nitrophenol
Concen: 122.011 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:139 Resp: 243217
Ion Ratio Lower Upper
139 100
109 89.8 68.8 108.8
65 122.4 101.3 141.3





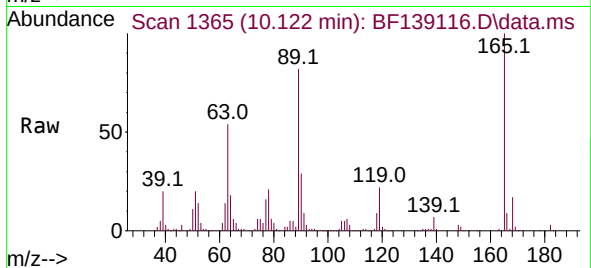
#57
2,4-Dinitrotoluene
Concen: 58.571 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

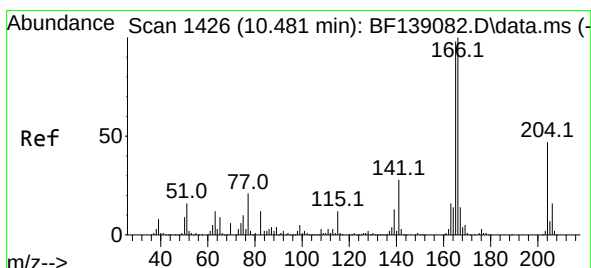
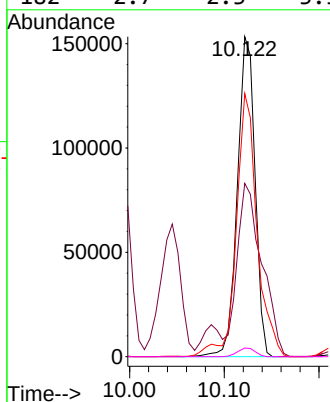
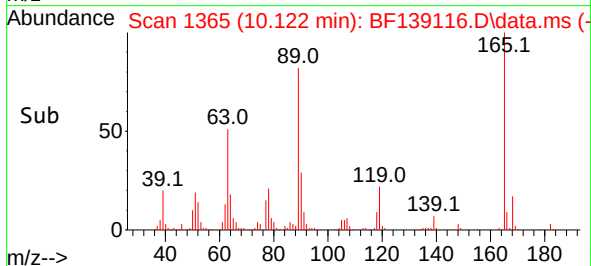


Tgt Ion:165 Resp: 19881
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.4
89 82.2 67.4 101.2
182 2.7 2.3 3.5

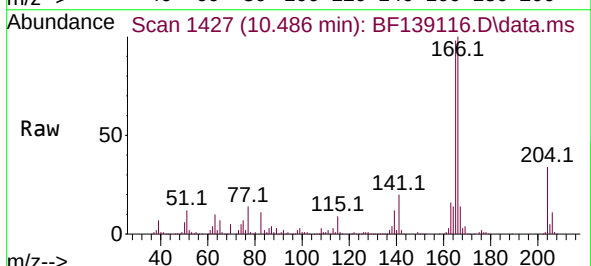
Manual Integrations

APPROVED

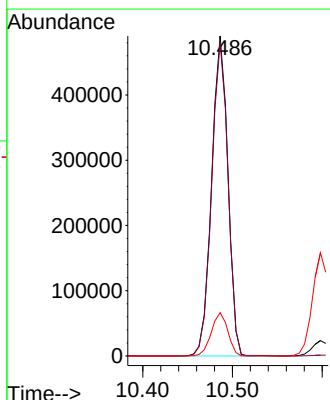
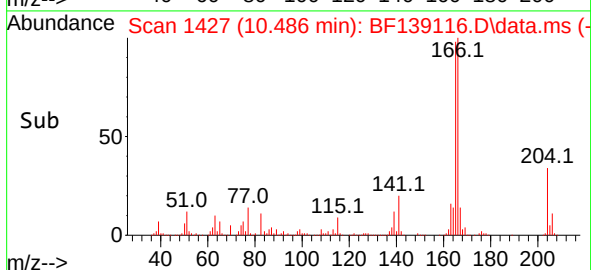
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

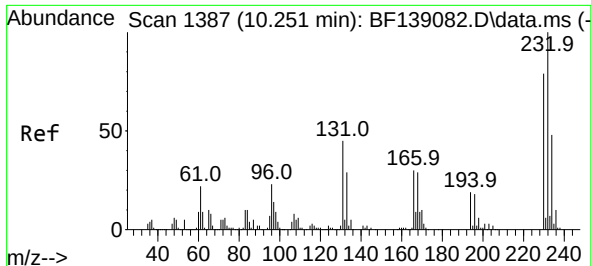


#58
Fluorene
Concen: 47.364 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



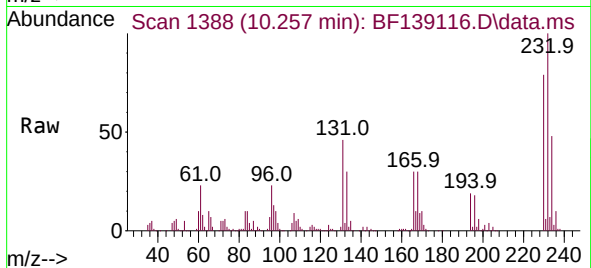
Tgt Ion:166 Resp: 618565
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.930 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

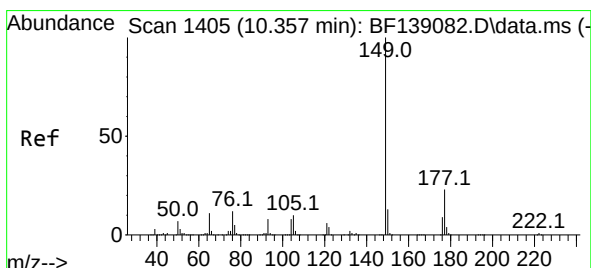
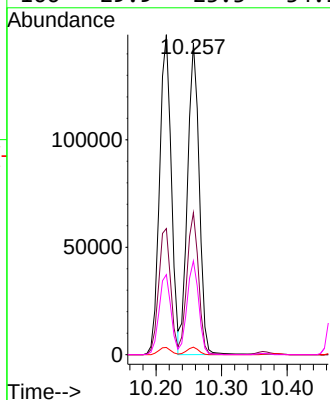
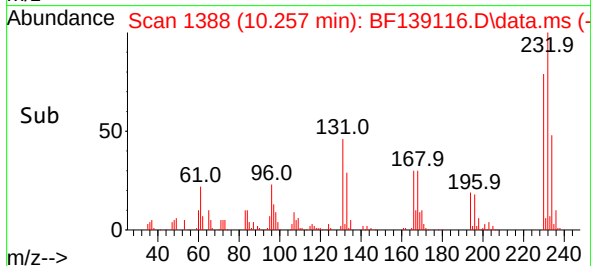
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



Tgt Ion:232 Resp: 17866
Ion Ratio Lower Upper
232 100
131 45.3 36.0 54.0
130 2.4 2.0 3.0
166 29.9 23.3 34.9

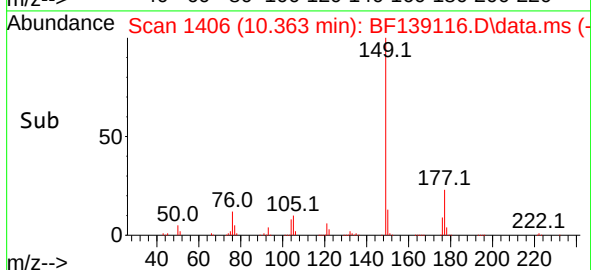
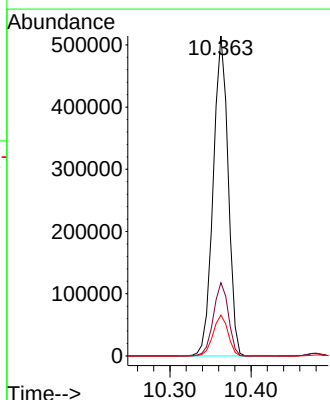
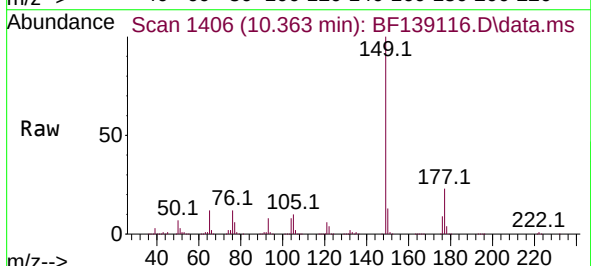
Manual Integrations
APPROVED

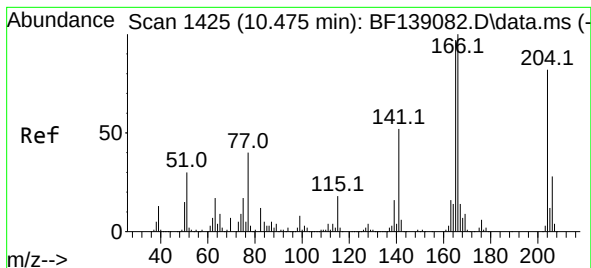
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#60
Diethylphthalate
Concen: 50.343 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

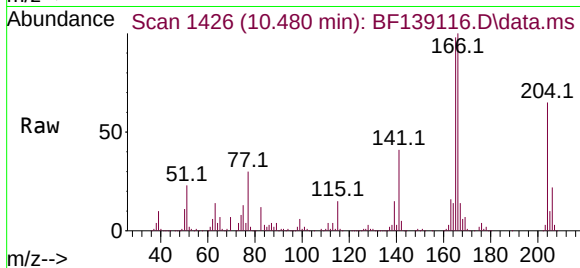
Tgt Ion:149 Resp: 657819
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.381 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

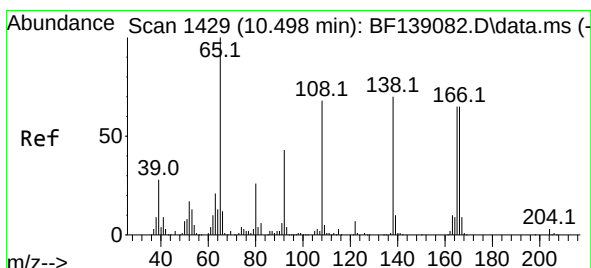
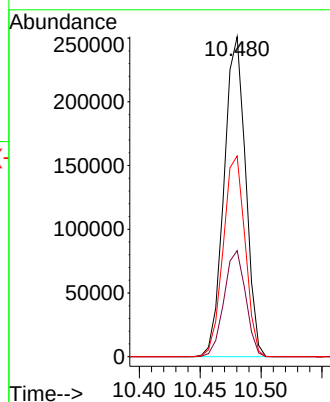
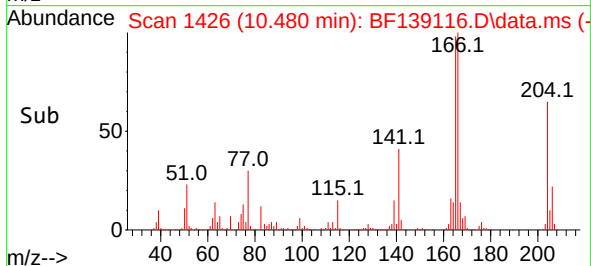
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



Tgt Ion:204 Resp: 309045
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 62.7 50.9 76.3

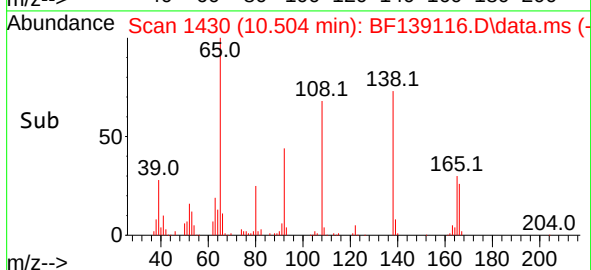
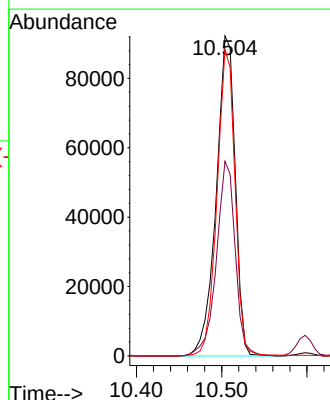
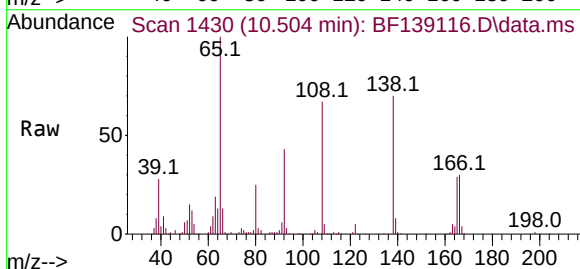
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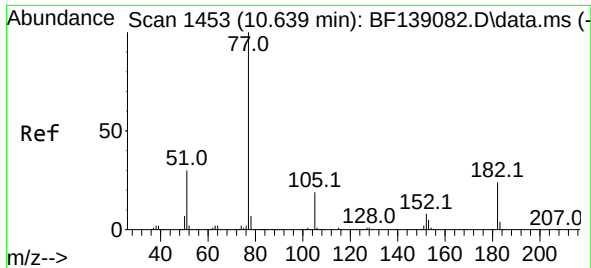
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 52.423 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:138 Resp: 142902
Ion Ratio Lower Upper
138 100
92 60.8 41.4 81.4
108 95.7 76.8 116.8





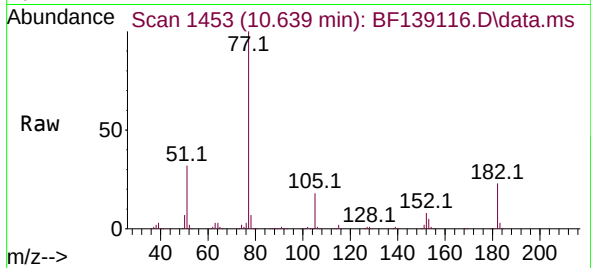
#63
Azobenzene
Concen: 48.591 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



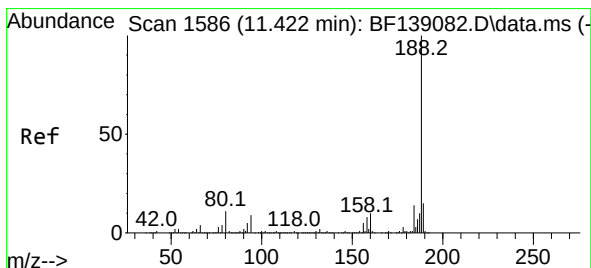
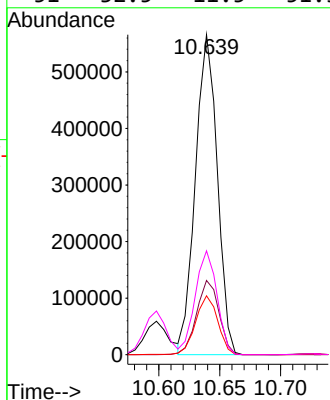
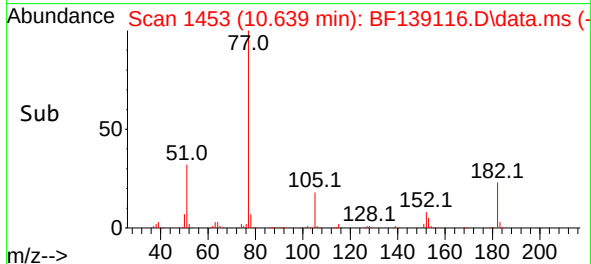
Tgt Ion: 77 Resp: 70558
Ion Ratio Lower Upper
77 100
182 23.2 4.0 44.0
105 18.4 0.0 39.1
51 32.5 11.5 51.5

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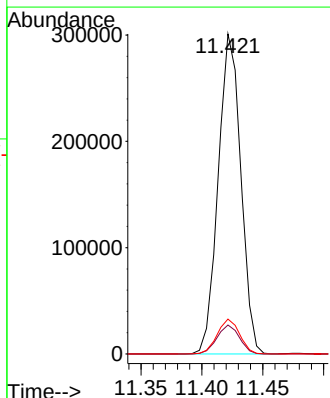
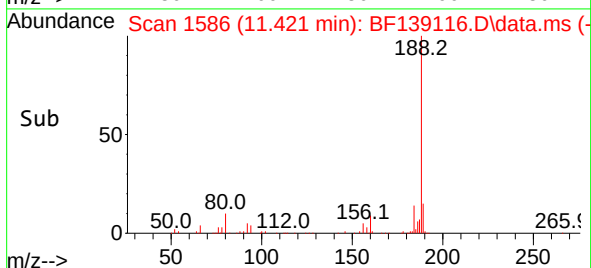
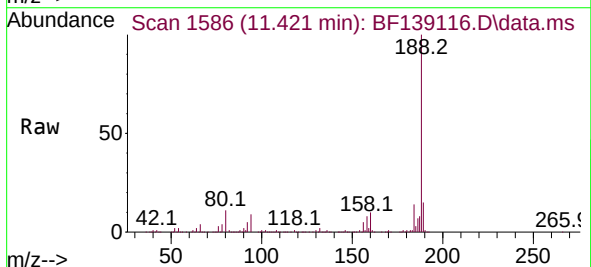
Reviewed By :Yogesh Patel 08/23/2024

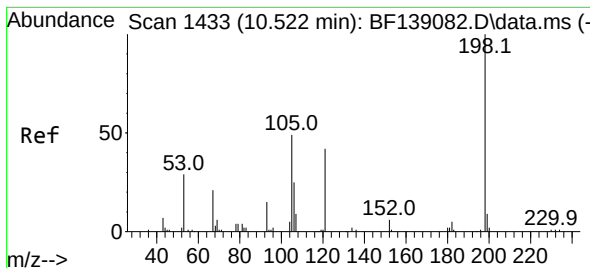
Supervised By :mohammad ahmed 08/23/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Tgt Ion:188 Resp: 389288
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.9 8.5 12.7





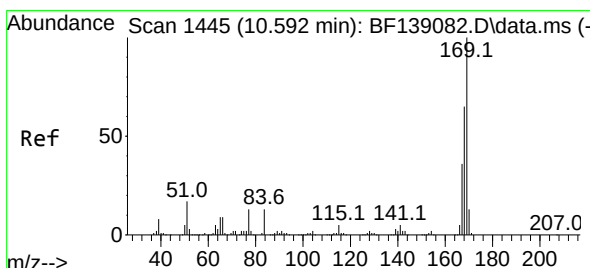
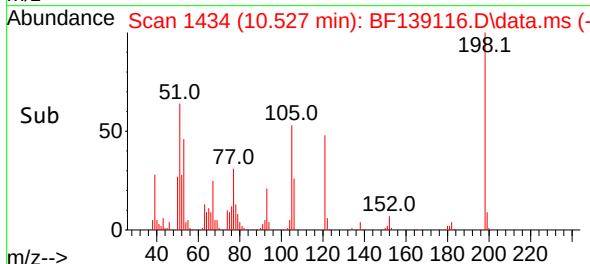
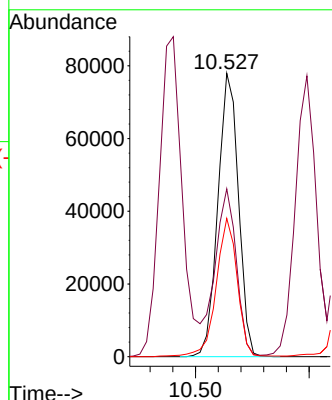
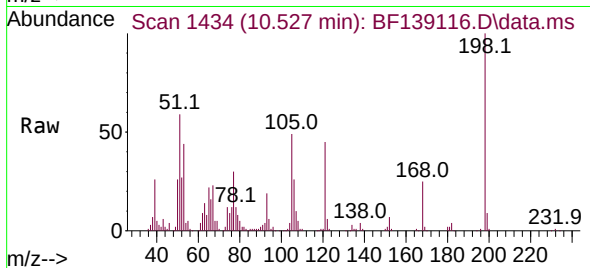
#65
4,6-Dinitro-2-methylphenol
Concen: 63.065 ng
RT: 10.527 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:198 Resp: 9792
Ion Ratio Lower Upper
198 100
51 59.2 40.8 80.8
105 48.8 30.9 70.9

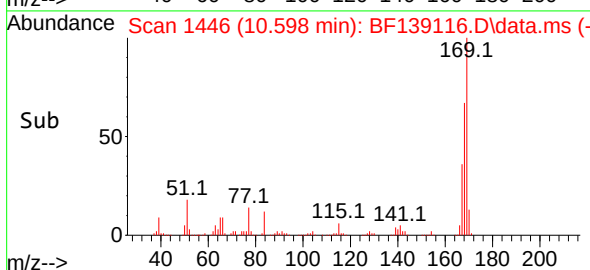
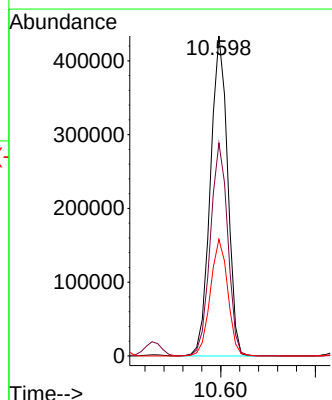
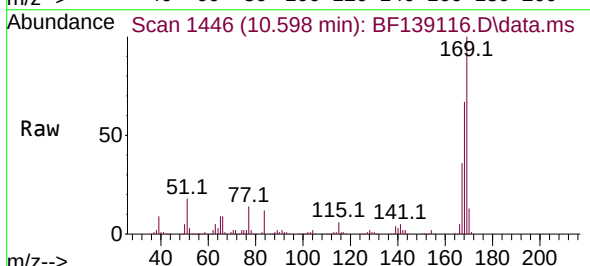
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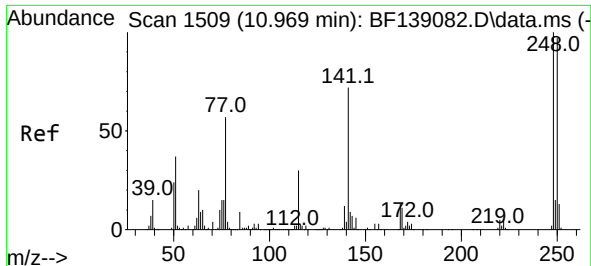
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 47.544 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

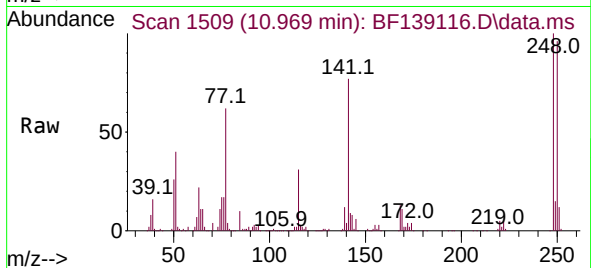
Tgt Ion:169 Resp: 547650
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 36.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.101 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

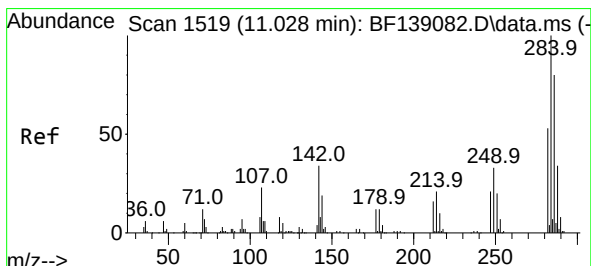
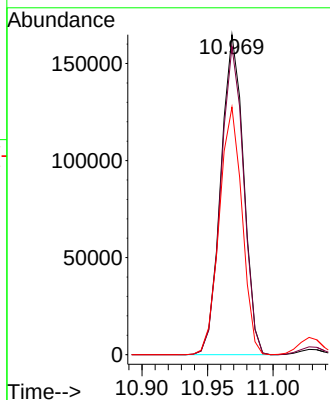
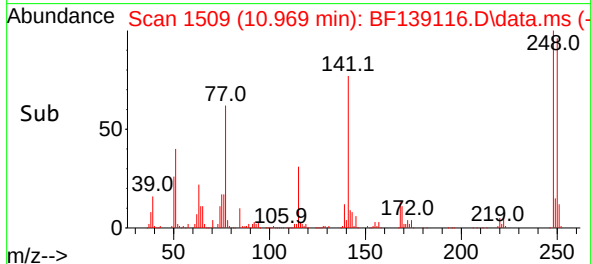
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



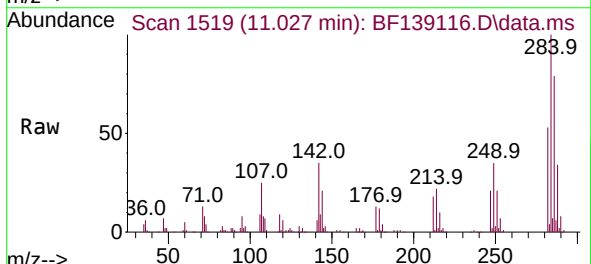
Tgt Ion:248 Resp: 198419
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 77.3 57.9 86.9

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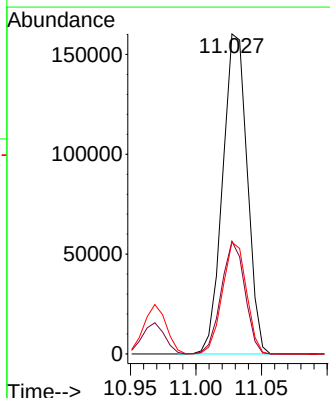
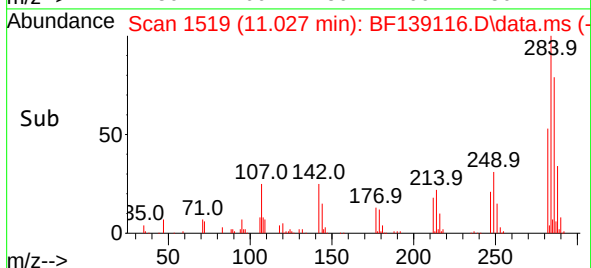
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

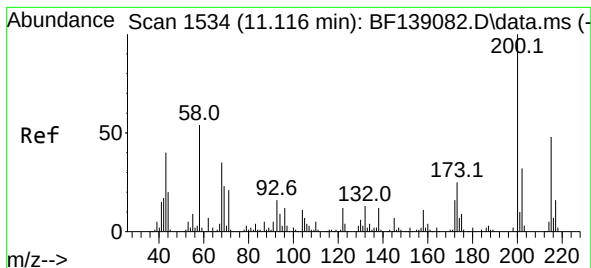


#68
Hexachlorobenzene
Concen: 47.181 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:284 Resp: 208797
Ion Ratio Lower Upper
284 100
142 35.2 27.1 40.7
249 35.0 26.8 40.2





#69

Atrazine

Concen: 56.569 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

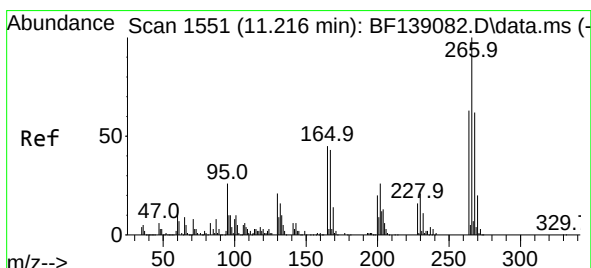
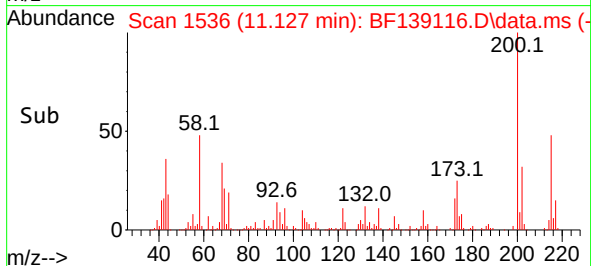
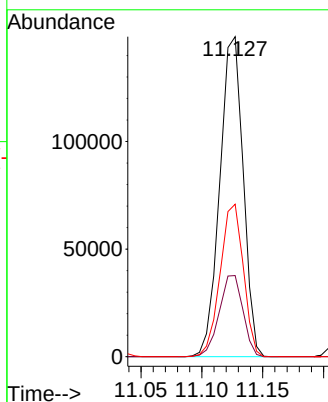
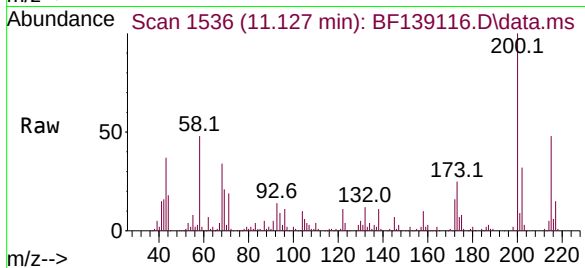
Tgt Ion:200 Resp: 199004
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.2 45.2
 215 47.7 27.9 67.9

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#70

Pentachlorophenol

Concen: 99.765 ng

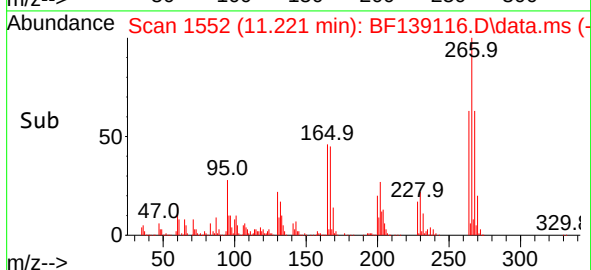
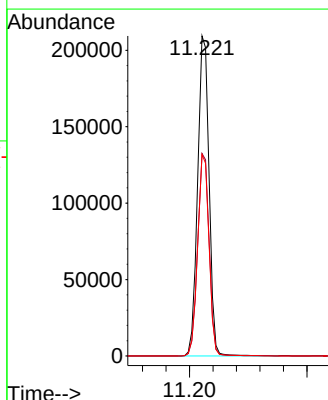
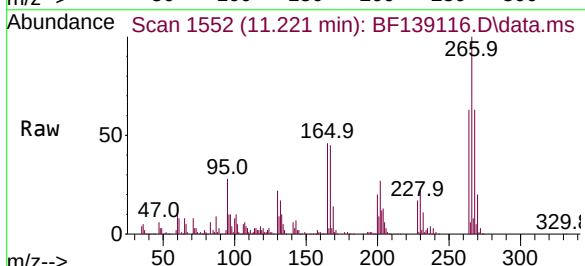
RT: 11.221 min Scan# 1552

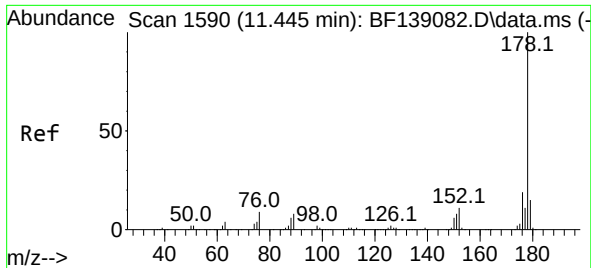
Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Tgt Ion:266 Resp: 282024
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.5 74.3
 264 63.0 50.0 75.0





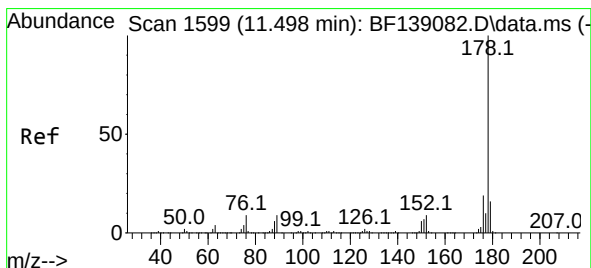
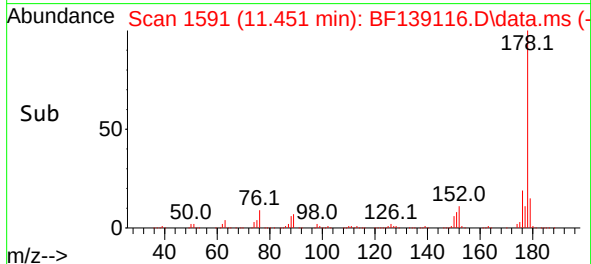
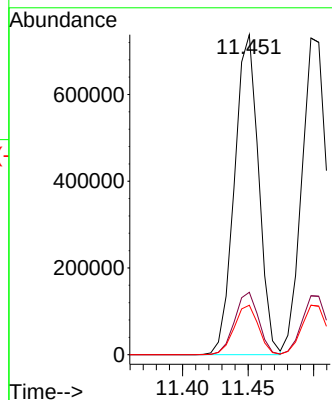
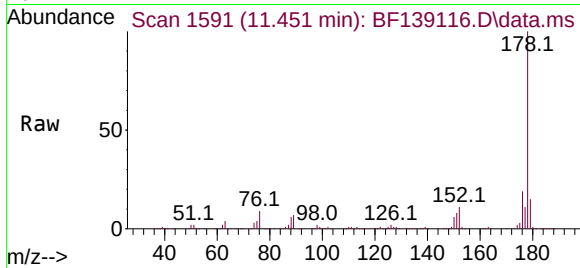
#71
Phenanthrene
Concen: 47.779 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Tgt Ion:178 Resp: 945398
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.5 12.3 18.5

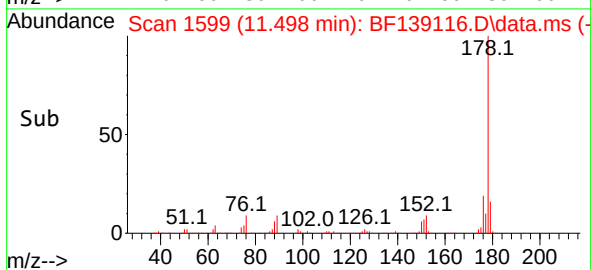
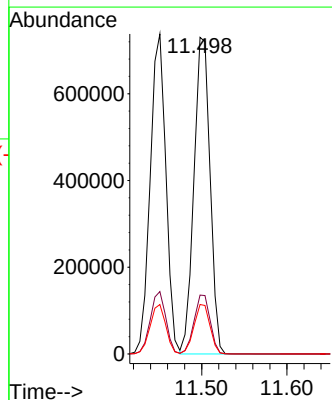
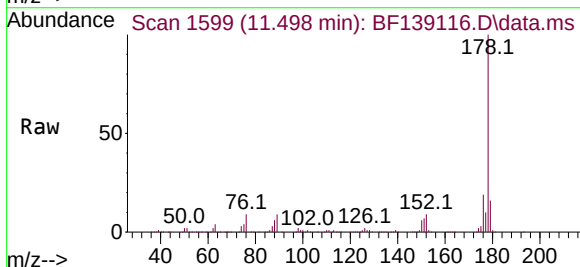
Manual Integrations
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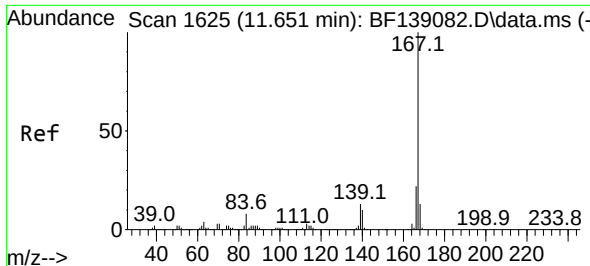
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#72
Anthracene
Concen: 49.573 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

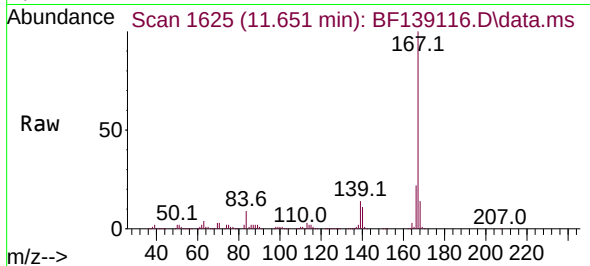
Tgt Ion:178 Resp: 959275
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 46.606 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

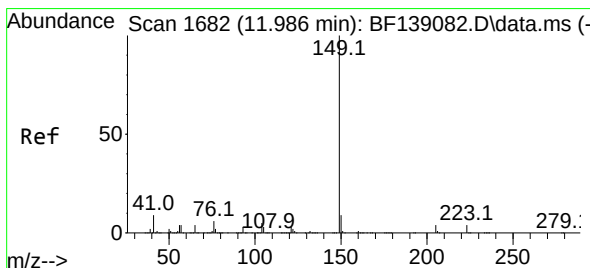
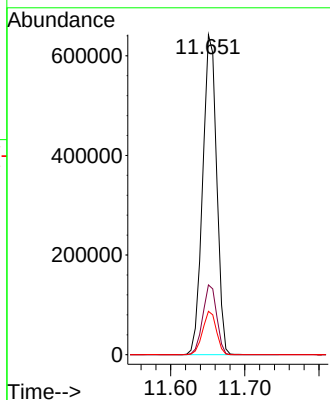
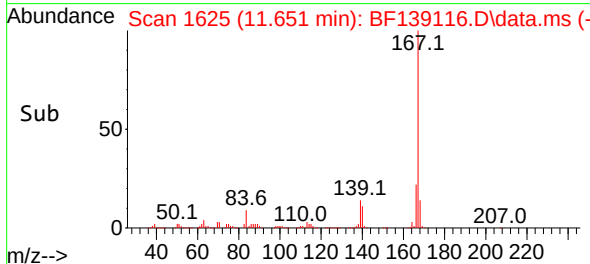
Instrument : BNA_F
 ClientSampleId : PB162687BSD



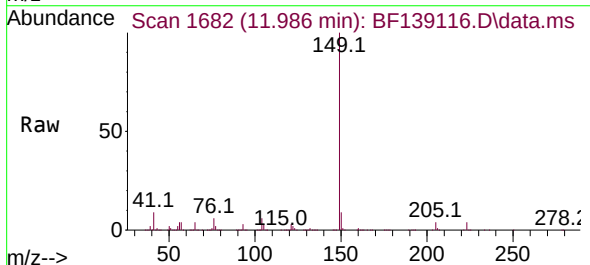
Tgt Ion:167 Resp: 842139
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.5 10.5 15.7

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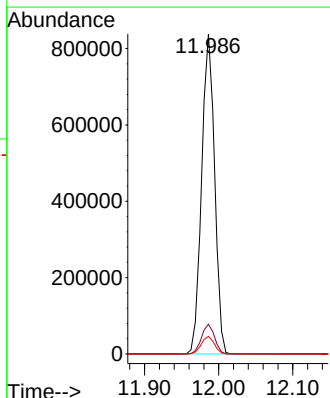
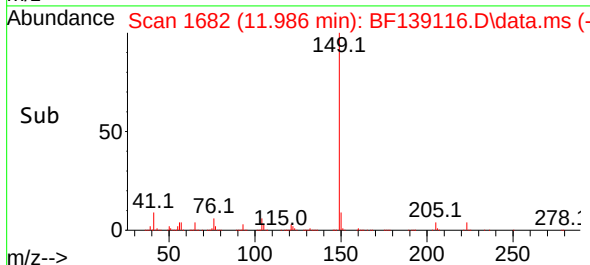
Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/23/2024

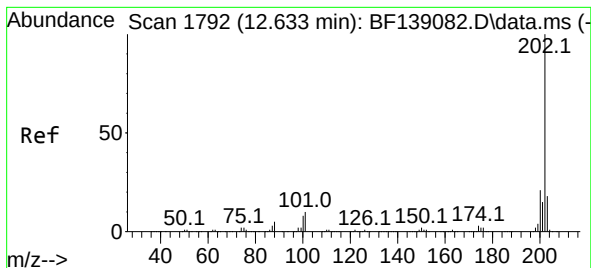


#74
 Di-n-butylphthalate
 Concen: 48.812 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53



Tgt Ion:149 Resp: 1022711
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 46.384 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion:202 Resp: 979592

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

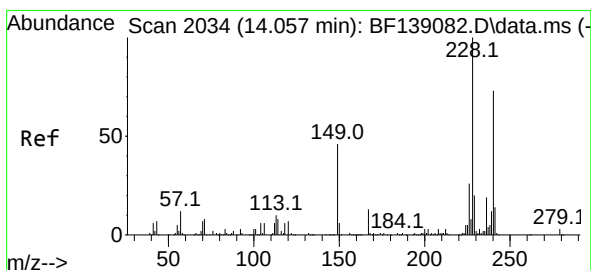
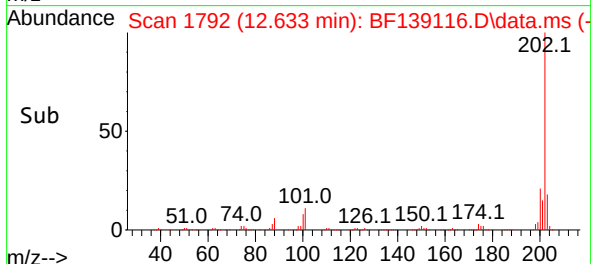
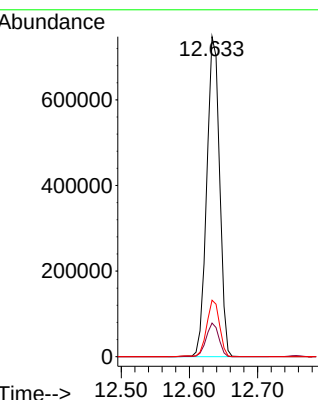
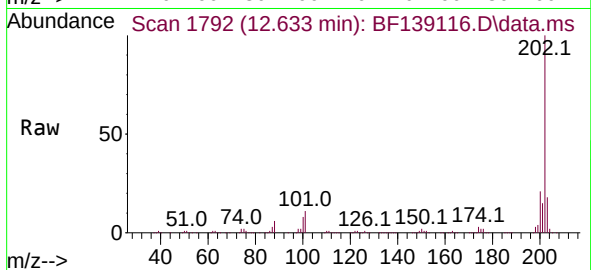
203 17.6 0.0 37.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

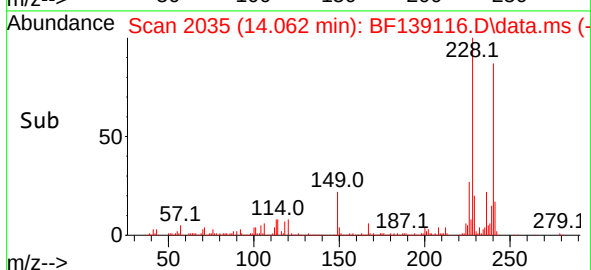
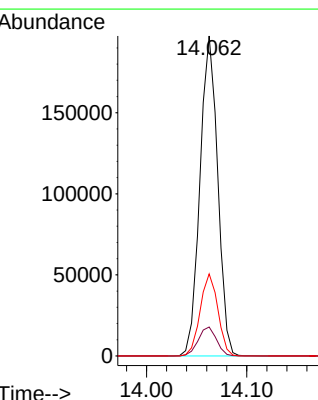
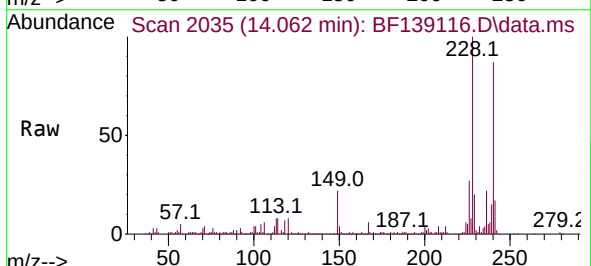
Tgt Ion:240 Resp: 242651

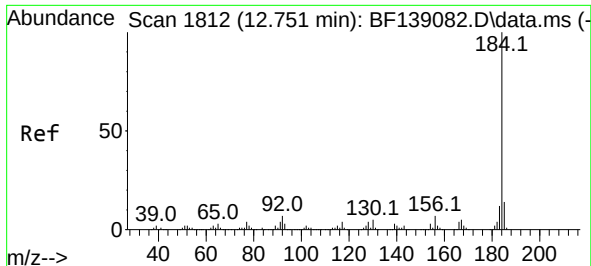
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

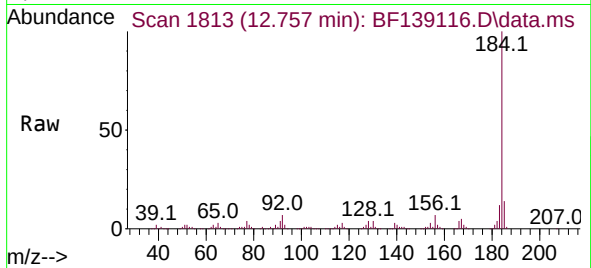
236 25.7 20.9 31.3





#77
Benzidine
Concen: 75.760 ng
RT: 12.757 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

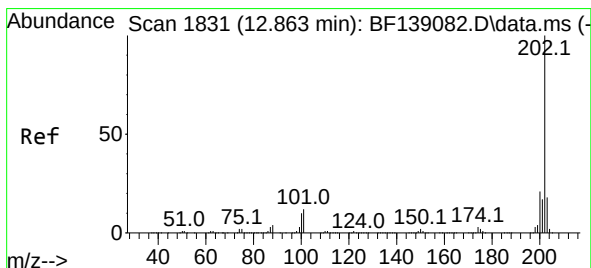
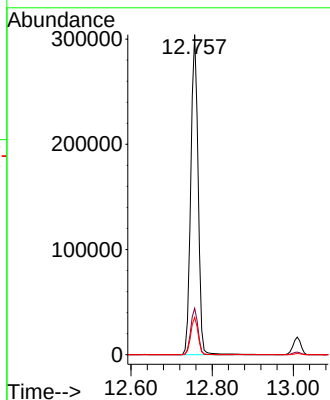
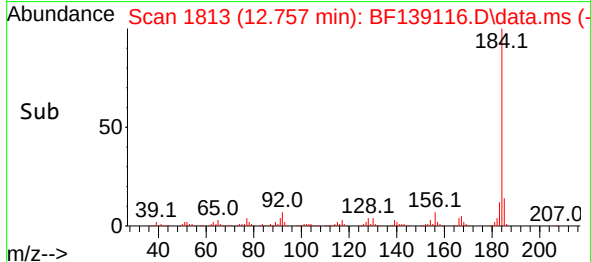
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



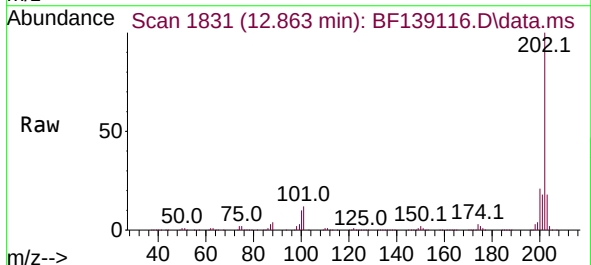
Tgt Ion:184 Resp: 37973
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.7 9.8 14.6

Manual Integrations
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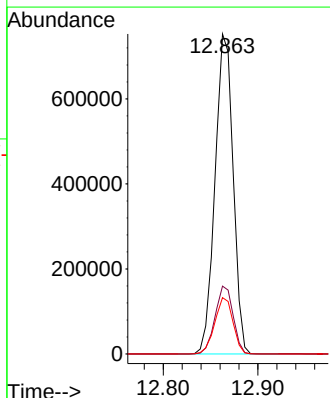
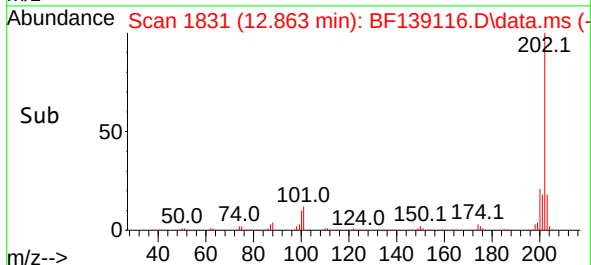
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

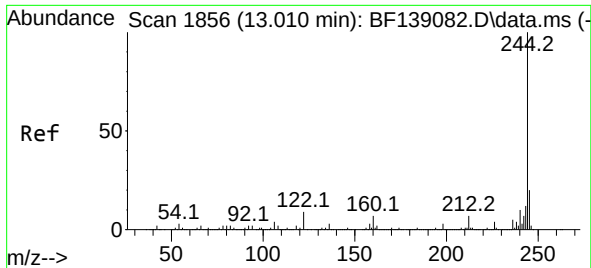


#78
Pyrene
Concen: 49.358 ng
RT: 12.863 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:202 Resp: 999478
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.6 14.1 21.1





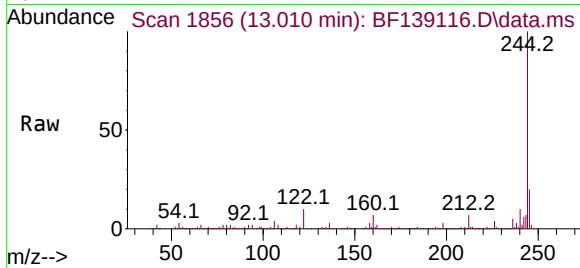
#79
 Terphenyl-d14
 Concen: 105.677 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



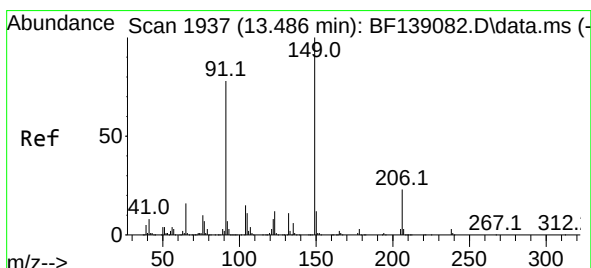
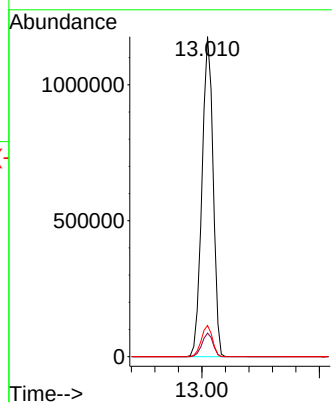
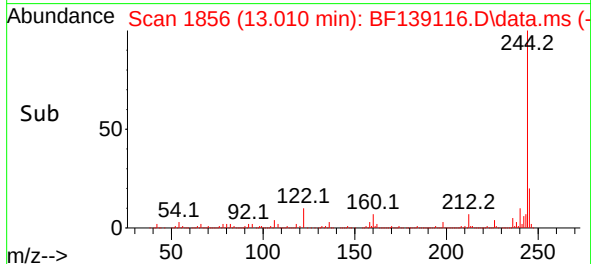
Tgt Ion:244 Resp: 1545390
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.7 7.6 11.4

Manual Integrations

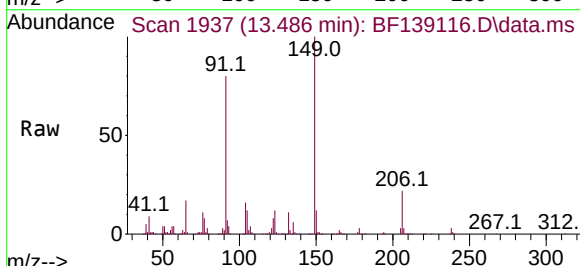
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

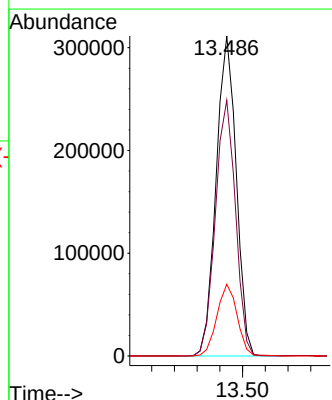
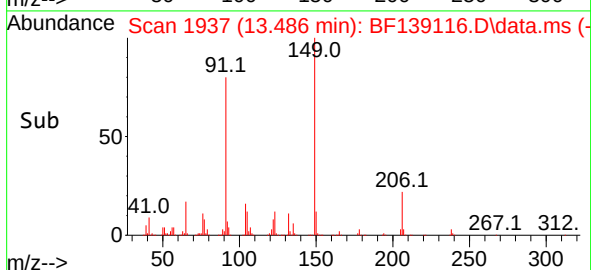
Supervised By :mohammad ahmed 08/23/2024

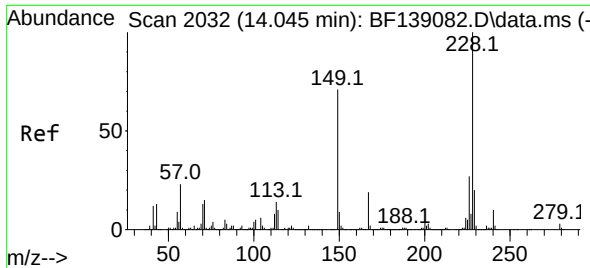


#80
 Butylbenzylphthalate
 Concen: 54.691 ng
 RT: 13.486 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: BF139116.D
 Acq: 22 Aug 2024 11:53



Tgt Ion:149 Resp: 383145
 Ion Ratio Lower Upper
 149 100
 91 79.9 62.1 93.1
 206 22.4 18.0 27.0





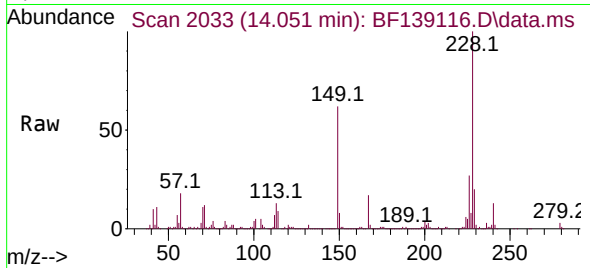
#81
Benzo(a)anthracene
Concen: 48.969 ng
RT: 14.051 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

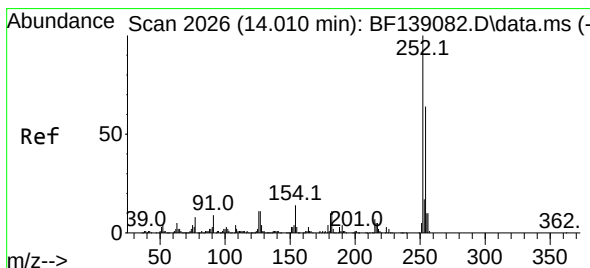
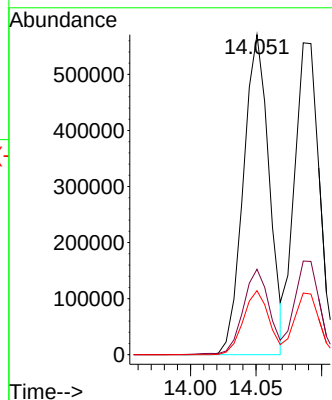
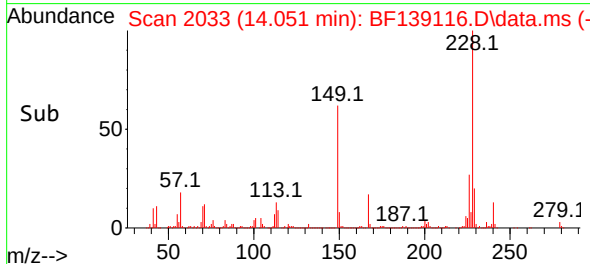


Tgt Ion:228 Resp: 78110
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 20.0 16.1 24.1

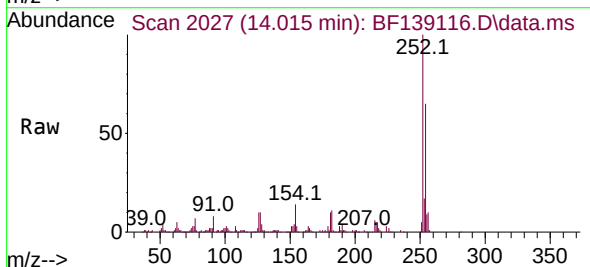
Manual Integrations

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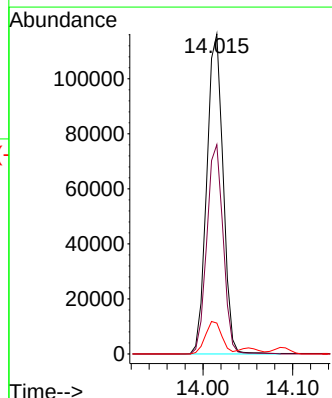
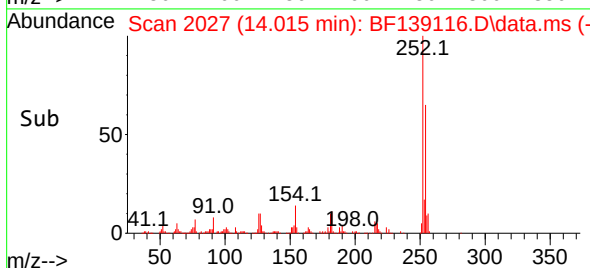
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

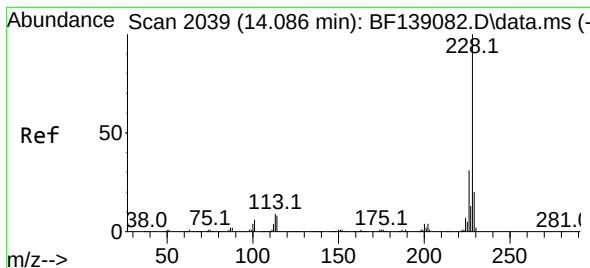


#82
3,3'-Dichlorobenzidine
Concen: 32.907 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:252 Resp: 146719
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 9.6 8.6 12.8





#83

Chrysene

Concen: 50.417 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139116.D

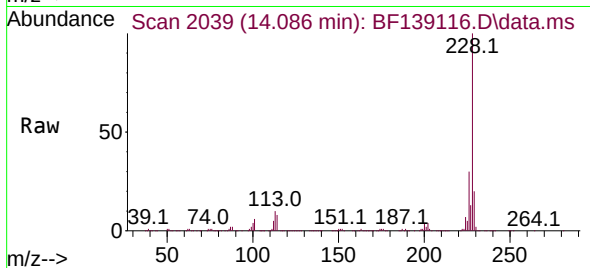
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



Tgt Ion:228 Resp: 728930

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

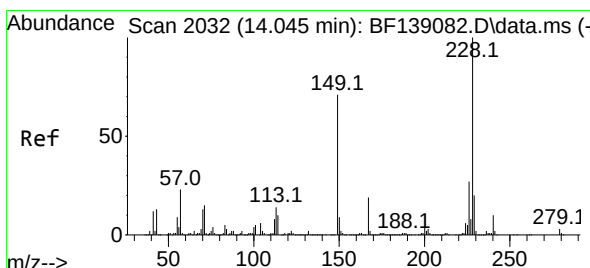
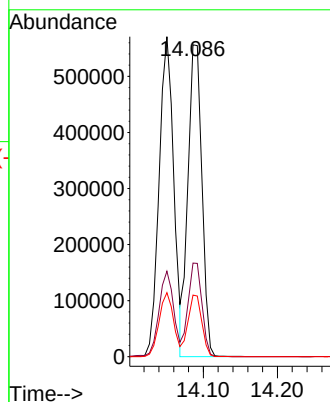
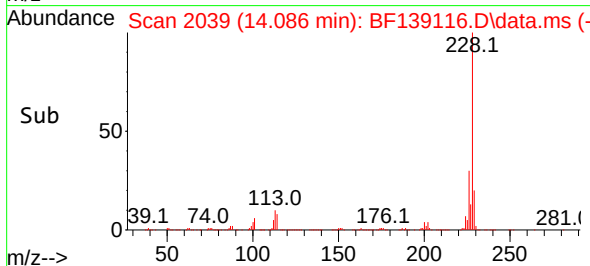
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.769 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

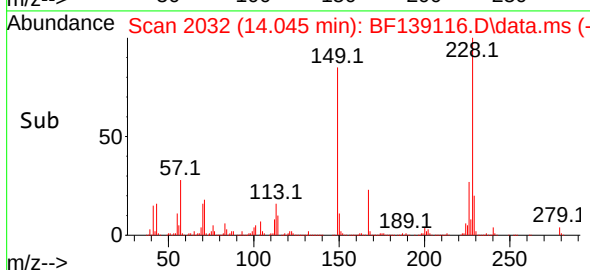
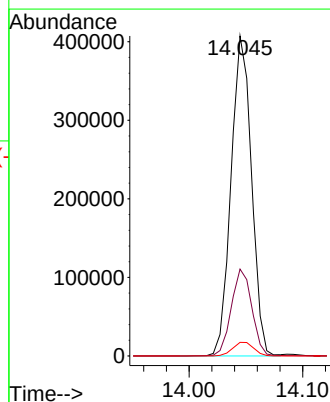
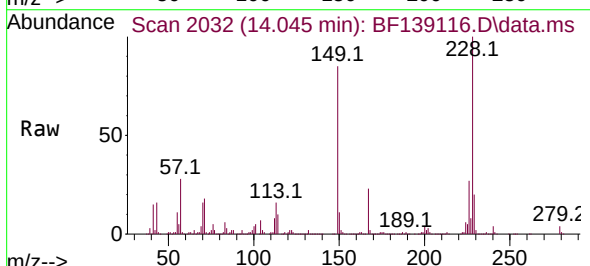
Tgt Ion:149 Resp: 508659

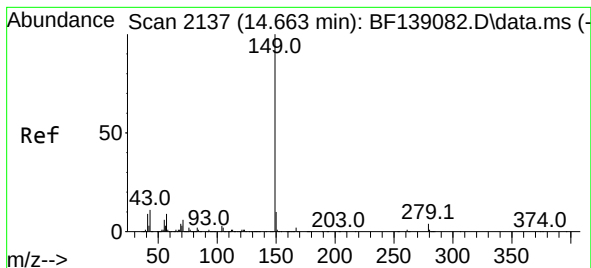
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.191 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD

Tgt Ion:149 Resp: 732449

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

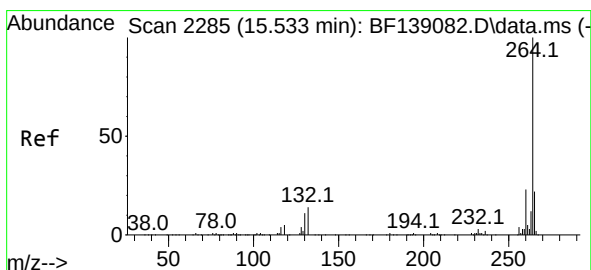
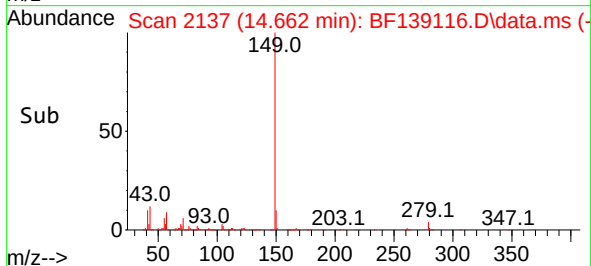
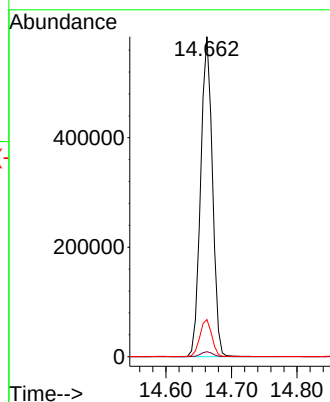
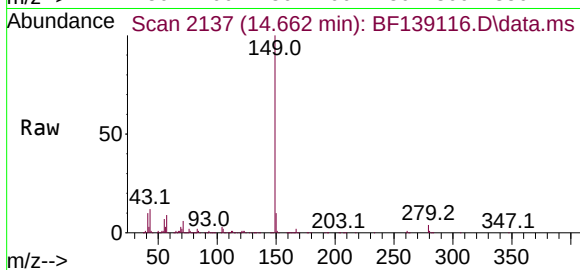
43 11.7 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

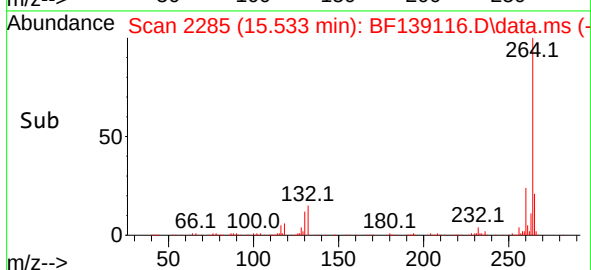
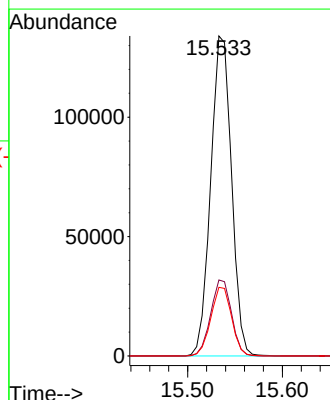
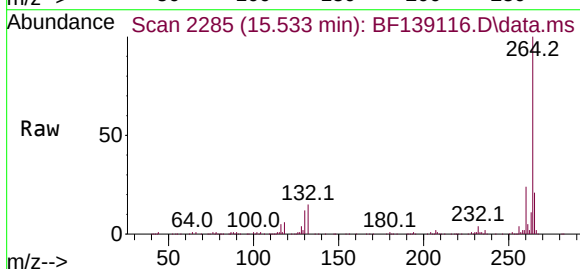
Tgt Ion:264 Resp: 204282

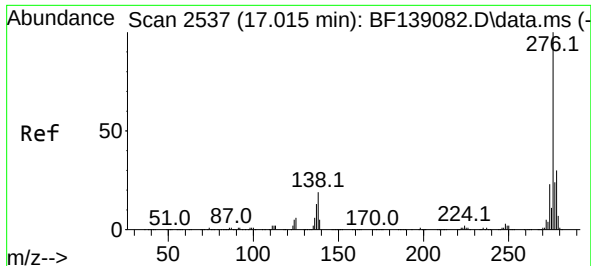
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

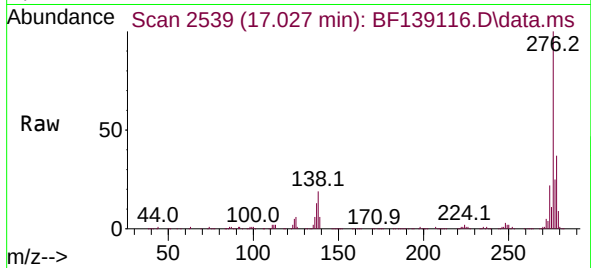
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.774 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

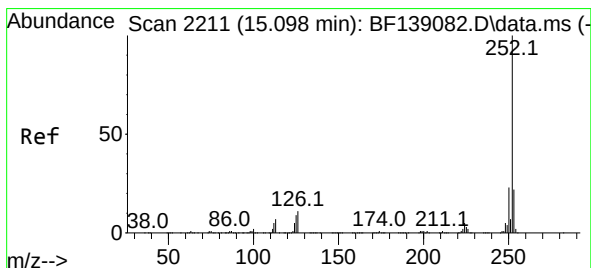
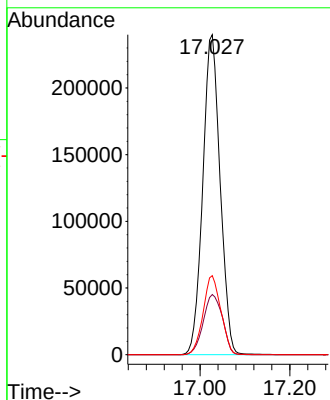
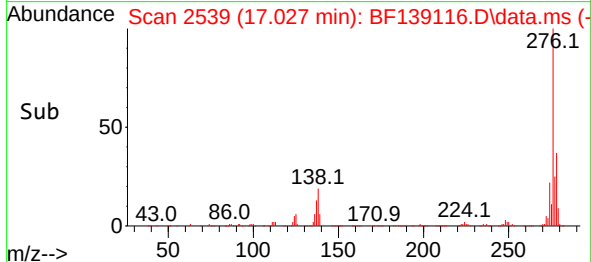
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



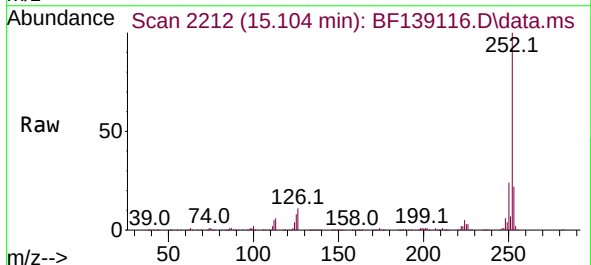
Tgt Ion:276 Resp: 642904
Ion Ratio Lower Upper
276 100
138 20.8 17.3 25.9
277 25.3 20.2 30.4

Manual Integrations
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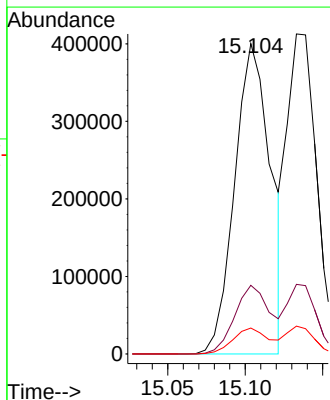
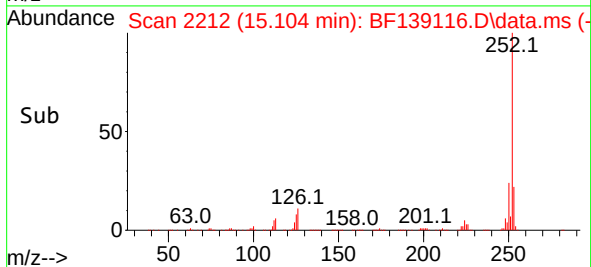
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

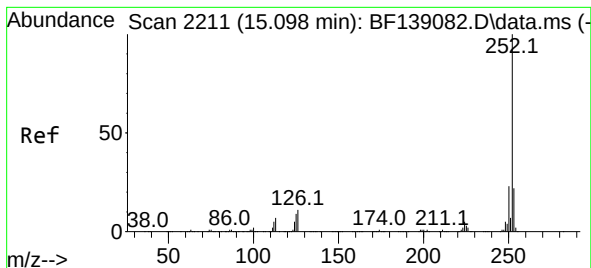


#88
Benzo(b)fluoranthene
Concen: 48.649 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:252 Resp: 647901
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.884 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139116.D

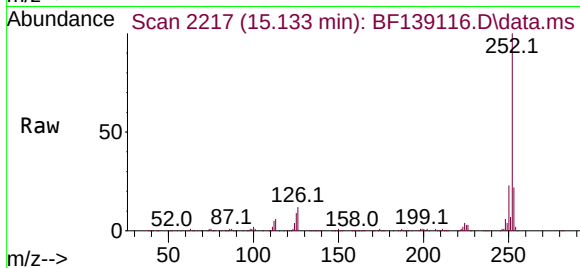
Acq: 22 Aug 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB162687BSD



Tgt Ion:252 Resp: 542228

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

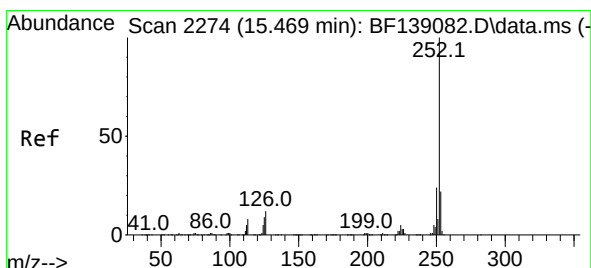
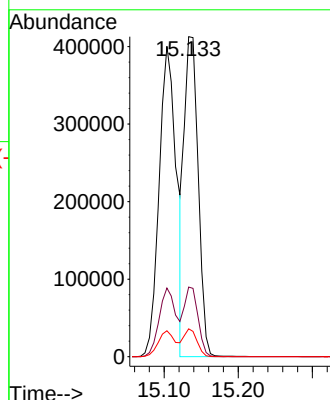
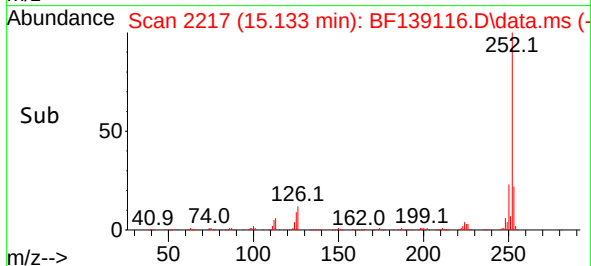
125 8.7 7.0 10.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#90

Benzo(a)pyrene

Concen: 52.053 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139116.D

Acq: 22 Aug 2024 11:53

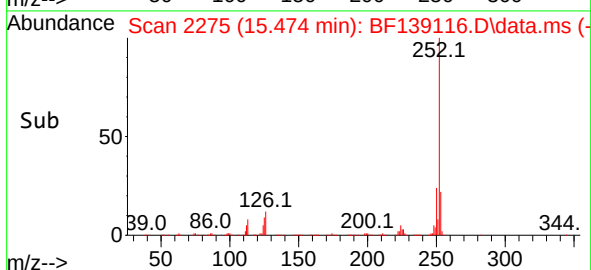
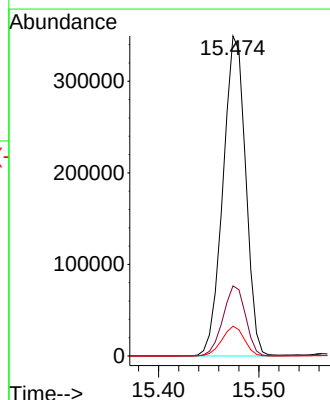
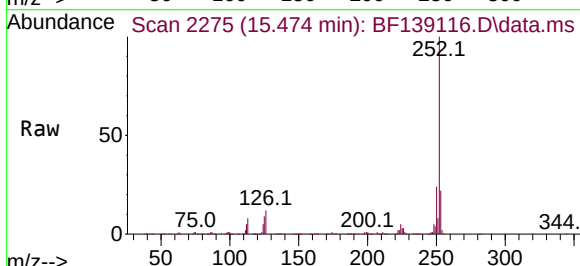
Tgt Ion:252 Resp: 547775

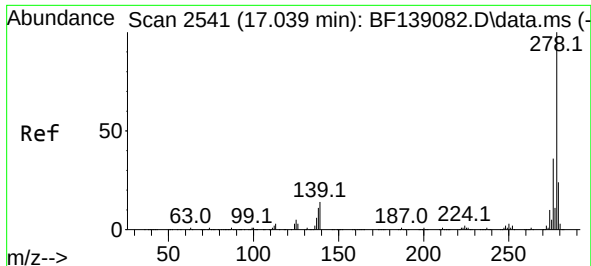
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

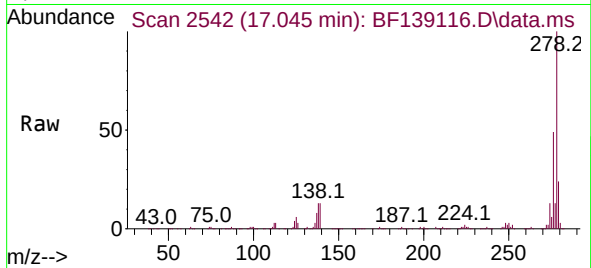
125 9.3 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 53.405 ng
RT: 17.045 min Scan# 2541
Delta R.T. 0.006 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53

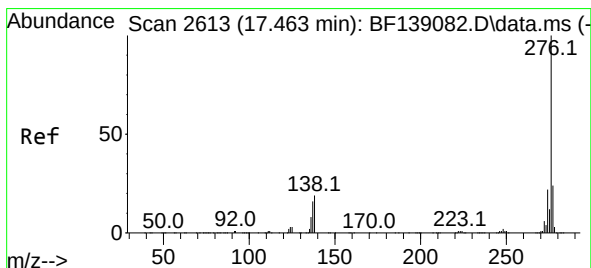
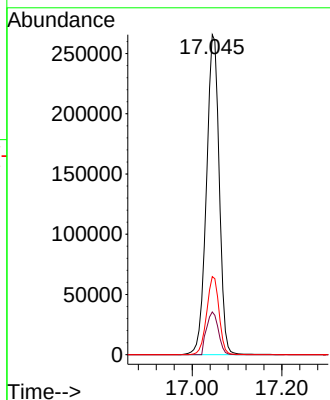
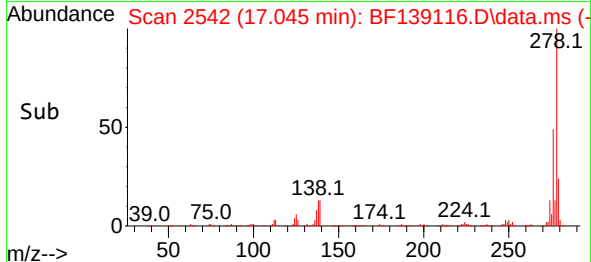
Instrument :
BNA_F
ClientSampleId :
PB162687BSD



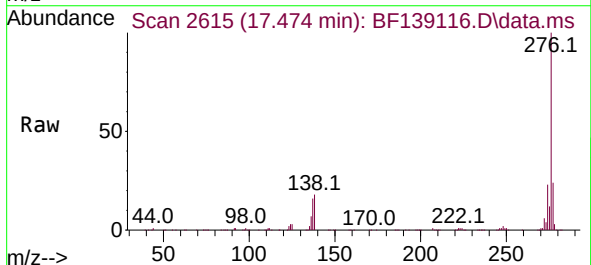
Tgt Ion:278 Resp: 524128
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 24.4 19.2 28.8

Manual Integrations
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Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#92
Benzo(g,h,i)perylene
Concen: 42.498 ng
RT: 17.474 min Scan# 2615
Delta R.T. 0.011 min
Lab File: BF139116.D
Acq: 22 Aug 2024 11:53



Tgt Ion:276 Resp: 472711
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 17.8 15.0 22.4

