

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139545.D
 Acq On : 25 Sep 2024 23:05
 Operator : RC/JU
 Sample : P4178-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 01:31:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	68396	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	244093	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	117757	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	202183	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120225	20.000	ng	# 0.01
86) Perylene-d12	15.515	264	95144	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	414307	98.818	ng	0.01
7) Phenol-d6	6.516	99	530239	96.353	ng	0.01
23) Nitrobenzene-d5	7.439	82	351780	67.752	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	104409	83.283	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	602291	71.735	ng	0.00
79) Terphenyl-d14	12.986	244	549709	75.050	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	81929	48.707	ng	96
3) Pyridine	3.446	79	209381	56.458	ng	97
4) n-Nitrosodimethylamine	3.404	42	146867	45.689	ng	# 82
6) Aniline	6.540	93	178900	43.078	ng	# 61
8) 2-Chlorophenol	6.663	128	216334	50.126	ng	100
9) Benzaldehyde	6.428	77	40233	12.654	ng	99
10) Phenol	6.528	94	281342	50.196	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	216339	50.784	ng	99
12) 1,3-Dichlorobenzene	6.822	146	232097	47.288	ng	98
13) 1,4-Dichlorobenzene	6.898	146	235168	47.413	ng	99
14) 1,2-Dichlorobenzene	7.051	146	225114	48.032	ng	98
15) Benzyl Alcohol	7.022	79	205207	46.739	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	386149	58.818	ng	92
17) 2-Methylphenol	7.134	107	170627	49.761	ng	98
18) Hexachloroethane	7.392	117	80152	42.427	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	162743	49.905	ng	98
20) 3+4-Methylphenols	7.287	107	214687	45.892	ng	# 82
22) Acetophenone	7.287	105	299803	46.981	ng	98
24) Nitrobenzene	7.463	77	245933	46.021	ng	97
25) Isophorone	7.698	82	426970	51.996	ng	99
26) 2-Nitrophenol	7.775	139	106324	51.069	ng	92
27) 2,4-Dimethylphenol	7.816	122	167620m	61.035	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	251856	53.816	ng	98
29) 2,4-Dichlorophenol	8.022	162	169583	48.608	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	185419	45.613	ng	99
31) Naphthalene	8.181	128	625611	49.094	ng	99
32) Benzoic acid	7.928	122	99161	38.583	ng	91
33) 4-Chloroaniline	8.234	127	53118	13.626	ng	98
34) Hexachlorobutadiene	8.298	225	123938	44.876	ng	99
35) Caprolactam	8.598	113	53070	49.450	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	177179	44.437	ng	97
37) 2-Methylnaphthalene	8.875	142	387798	47.945	ng	98
38) 1-Methylnaphthalene	8.975	142	355741	44.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	177572	50.881	ng	99
41) Hexachlorocyclopentadiene	9.022	237	67986	55.793	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	114721	50.526	ng	100

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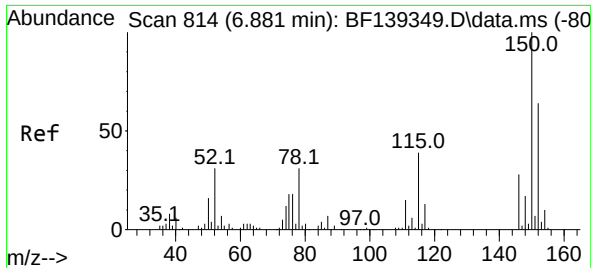
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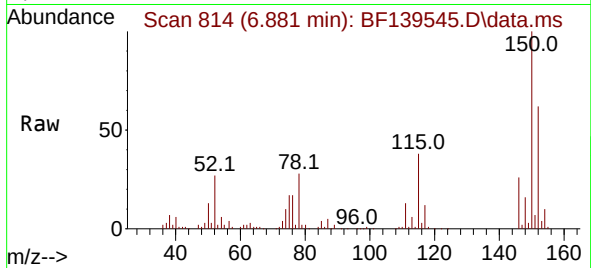
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	116809	48.771	ng	97
46) 1,1'-Biphenyl	9.333	154	469764	51.854	ng	99
47) 2-Chloronaphthalene	9.363	162	341184	50.369	ng	99
48) 2-Nitroaniline	9.457	65	128049	50.824	ng	99
49) Acenaphthylene	9.781	152	585838	57.455	ng	100
50) Dimethylphthalate	9.633	163	409103	52.932	ng	100
51) 2,6-Dinitrotoluene	9.698	165	81788	47.768	ng	93
52) Acenaphthene	9.951	154	344902	48.466	ng	100
53) 3-Nitroaniline	9.869	138	66231	38.706	ng	90
54) 2,4-Dinitrophenol	9.975	184	21495	22.530	ng	91
55) Dibenzofuran	10.122	168	486411	49.039	ng	95
56) 4-Nitrophenol	10.033	139	122805	86.734	ng	# 84
57) 2,4-Dinitrotoluene	10.104	165	107429	46.474	ng	95
58) Fluorene	10.463	166	384169	47.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	89747	45.298	ng	97
60) Diethylphthalate	10.333	149	392787	49.247	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	180723	45.950	ng	95
62) 4-Nitroaniline	10.480	138	76351	40.884	ng	87
63) Azobenzene	10.616	77	443906	56.586	ng	90
65) 4,6-Dinitro-2-methylph...	10.510	198	17069	15.996	ng	98
66) n-Nitrosodiphenylamine	10.575	169	317996	53.796	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	102595	51.206	ng	98
68) Hexachlorobenzene	11.010	284	110663	47.061	ng	99
69) Atrazine	11.098	200	98190	69.774	ng	98
70) Pentachlorophenol	11.210	266	126179	89.427	ng	99
71) Phenanthrene	11.427	178	653580	67.003	ng	99
72) Anthracene	11.480	178	563302	59.064	ng	99
73) Carbazole	11.633	167	482284	52.836	ng	99
74) Di-n-butylphthalate	11.963	149	566260	55.689	ng	100
75) Fluoranthene	12.616	202	1020790	97.993	ng	97
77) Benzidine	12.739	184	114208	66.305	ng	99
78) Pyrene	12.851	202	1099725	106.532	ng	99
80) Butylbenzylphthalate	13.457	149	227009	64.607	ng	98
81) Benzo(a)anthracene	14.033	228	670854	84.239	ng	96
82) 3,3'-Dichlorobenzidine	13.998	252	108298	46.437	ng	99
83) Chrysene	14.068	228	619023	84.490	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	300998	67.339	ng	100
85) Di-n-octyl phthalate	14.627	149	454129	68.986	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.998	276	329553	58.250	ng	97
88) Benzo(b)fluoranthene	15.086	252	502271	85.597	ng	99
89) Benzo(k)fluoranthene	15.115	252	313685m	57.979	ng	
90) Benzo(a)pyrene	15.457	252	388663	79.865	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	228056	48.782	ng	99
92) Benzo(g,h,i)perylene	17.445	276	257618	55.655	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

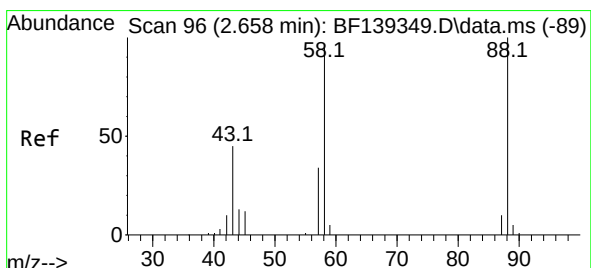
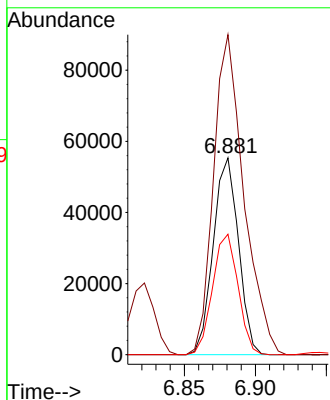
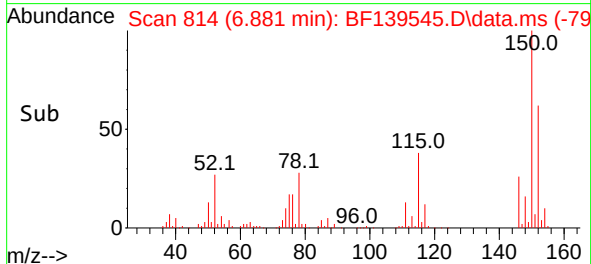
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



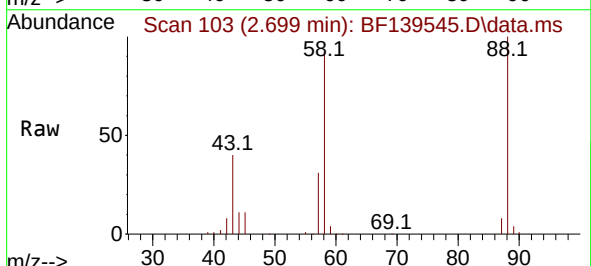
Tgt Ion: 152 Resp: 68390
Ion Ratio Lower Upper
152 100
150 162.5 124.1 186.1
115 61.2 48.1 72.1

Manual Integrations
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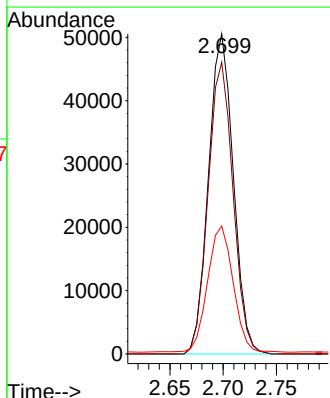
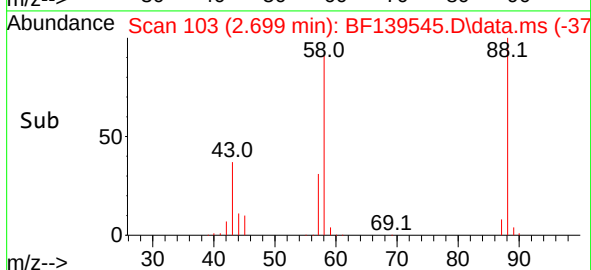
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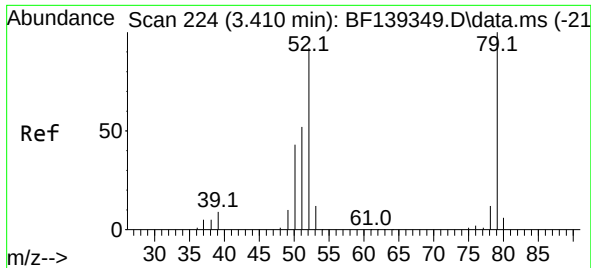


#2
1,4-Dioxane
Concen: 48.707 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.041 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



Tgt Ion: 88 Resp: 81929
Ion Ratio Lower Upper
88 100
58 91.5 74.8 112.2
43 40.7 36.4 54.6





#3

Pyridine

Concen: 56.458 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion: 79 Resp: 20938

Ion Ratio Lower Upper

79 100

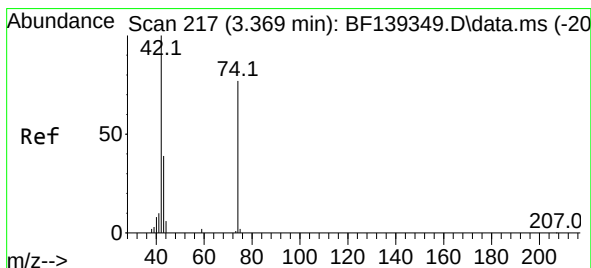
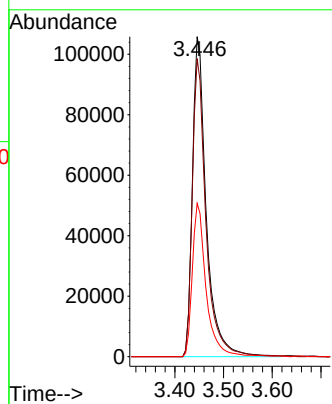
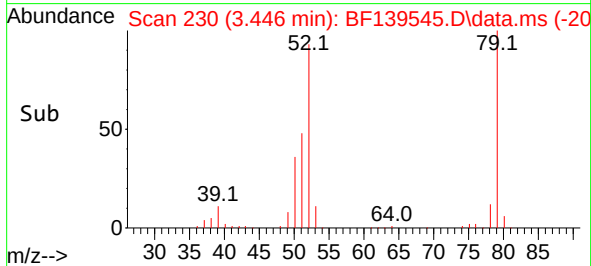
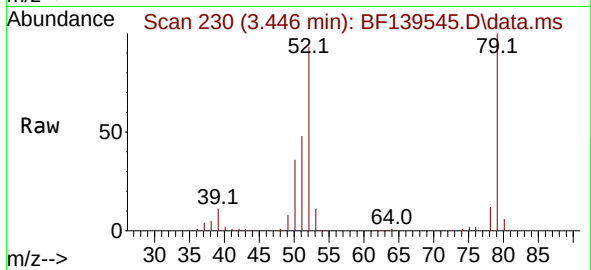
52 93.2 73.8 110.8

51 47.9 41.8 62.6

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#4

n-Nitrosodimethylamine

Concen: 45.689 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.035 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

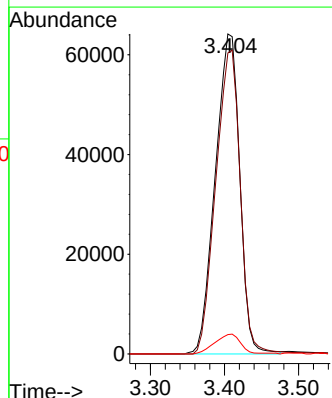
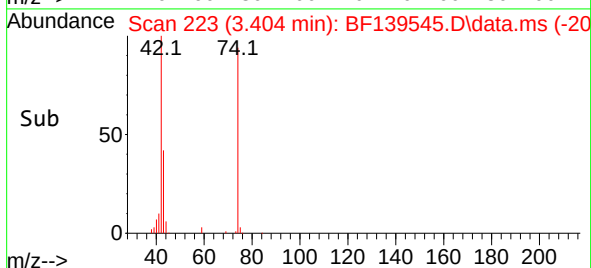
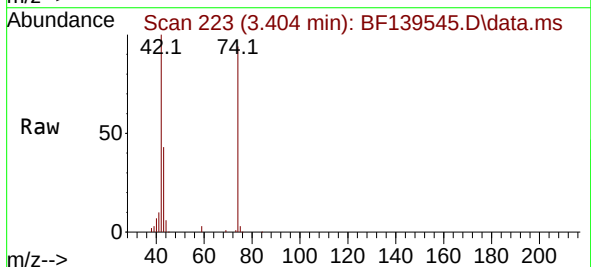
Tgt Ion: 42 Resp: 146867

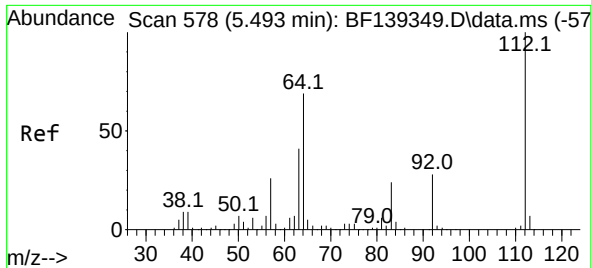
Ion Ratio Lower Upper

42 100

74 94.0 61.8 92.8#

44 6.1 4.8 7.2





#5
2-Fluorophenol
Concen: 98.818 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

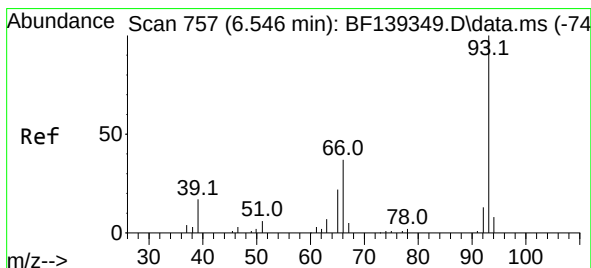
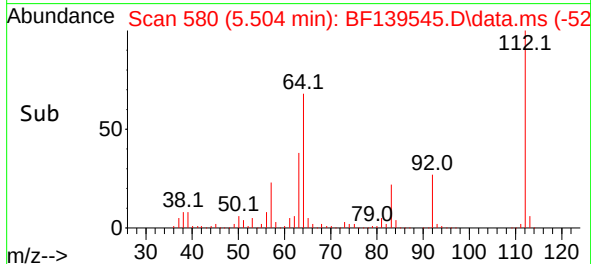
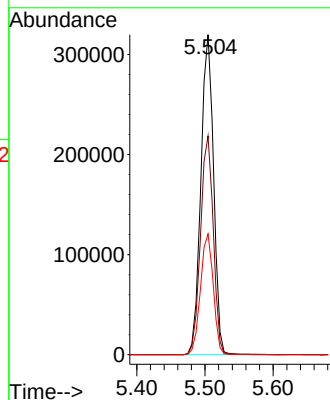
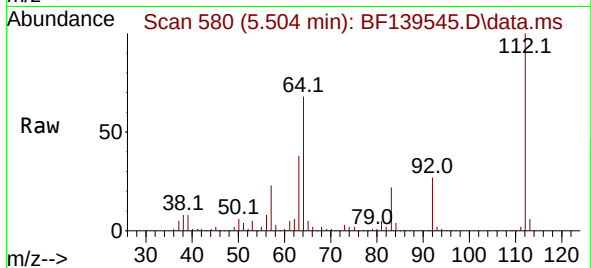
VNJ231MSD

Tgt Ion:112 Resp: 41430
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 37.7 33.0 49.4

Manual Integrations

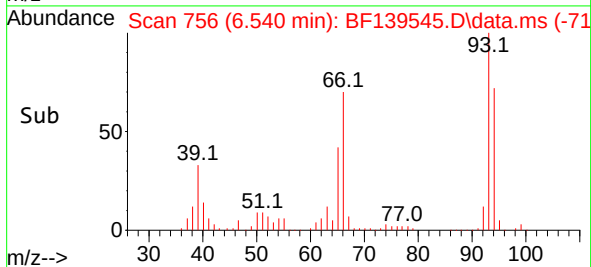
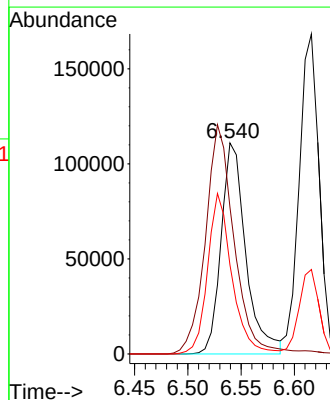
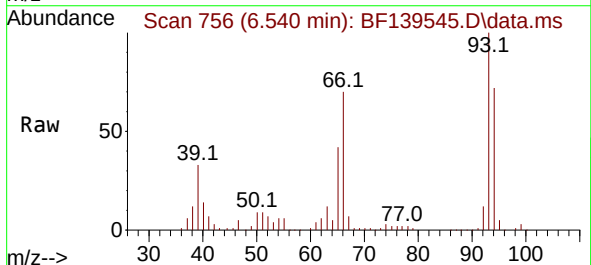
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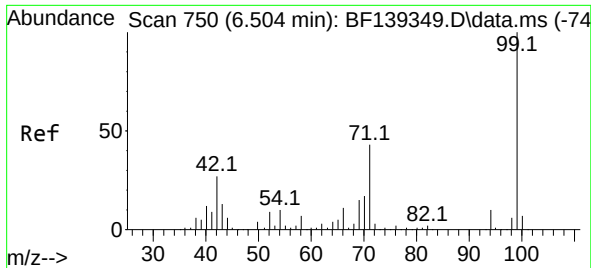
Reviewed By :Jagrut Upadhyay 09/26/2024
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#6
Aniline
Concen: 43.078 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion: 93 Resp: 178900
Ion Ratio Lower Upper
93 100
66 69.5 35.4 53.0#
65 42.1 18.2 27.4#





#7

Phenol-d6

Concen: 96.353 ng

RT: 6.516 min Scan# 750

Delta R.T. 0.012 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion: 99 Resp: 530239

Ion Ratio Lower Upper

99 100

42 24.0 21.9 32.9

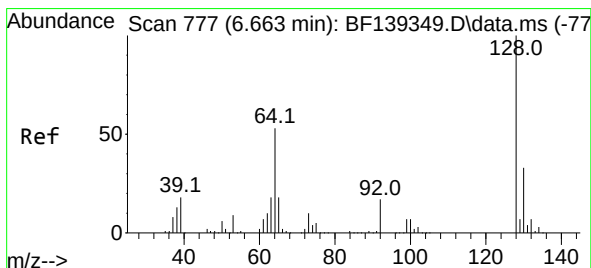
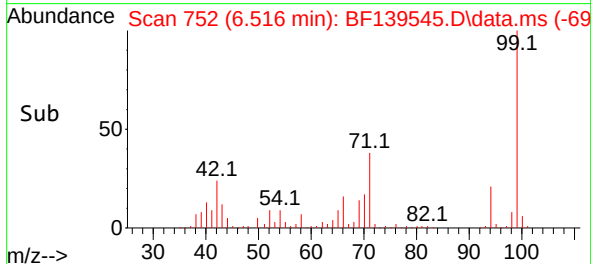
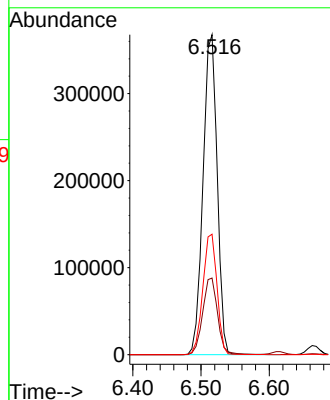
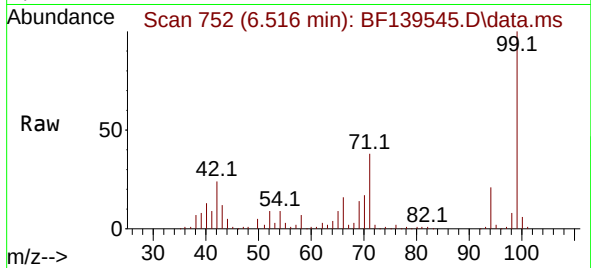
71 37.7 34.6 52.0

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#8

2-Chlorophenol

Concen: 50.126 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

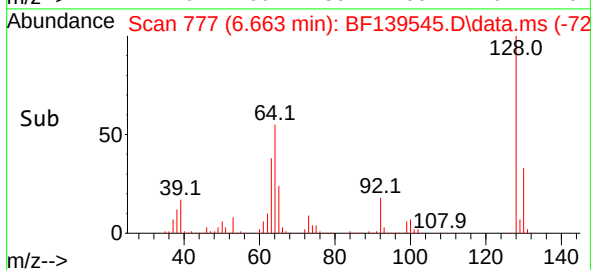
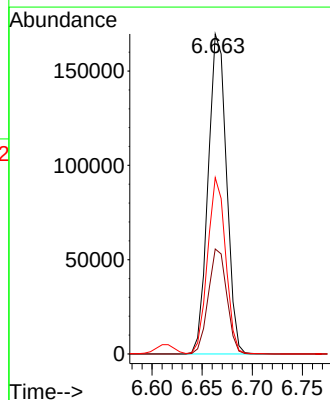
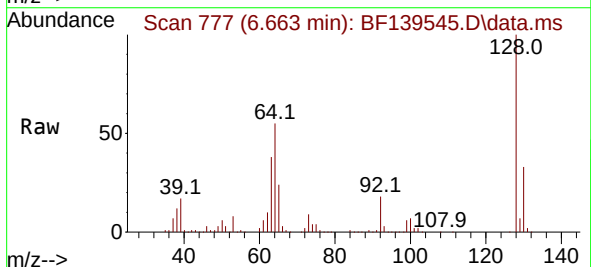
Tgt Ion:128 Resp: 216334

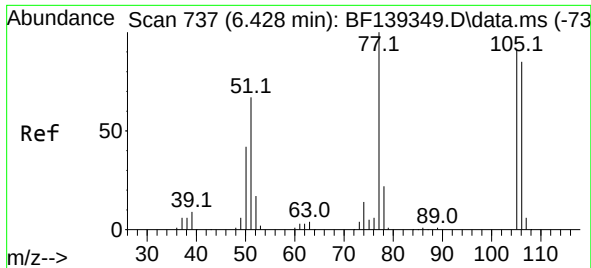
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 55.1 35.1 75.1





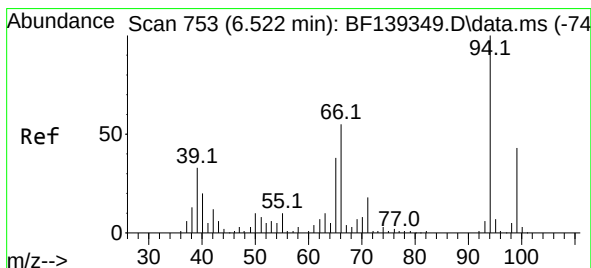
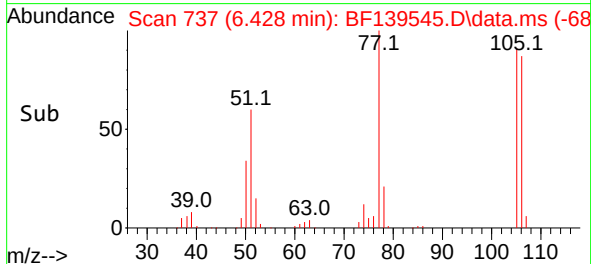
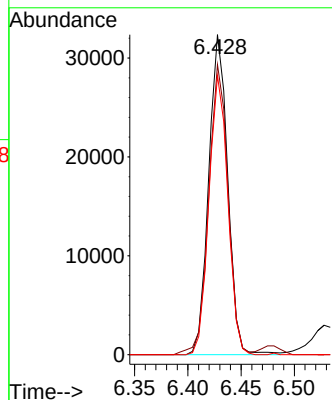
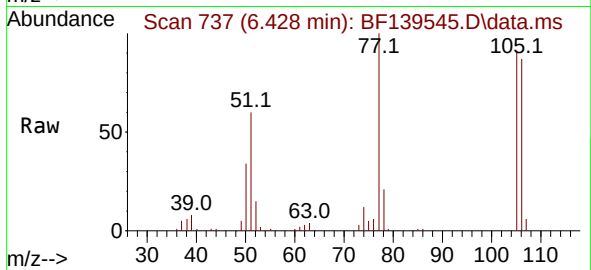
#9
Benzaldehyde
Concen: 12.654 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion: 77 Resp: 4023
Ion Ratio Lower Upper
77 100
105 90.6 71.0 111.0
106 87.2 64.9 104.9

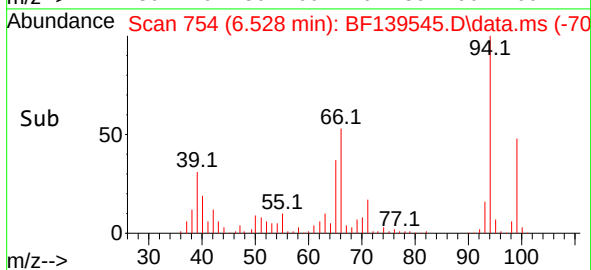
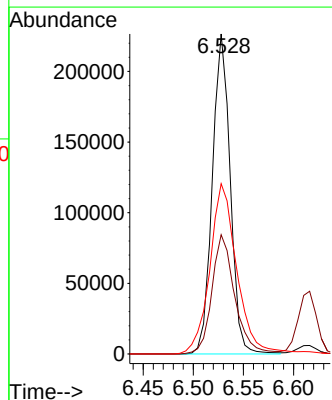
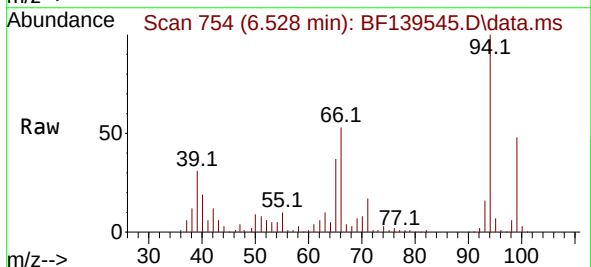
Manual Integrations
APPROVED

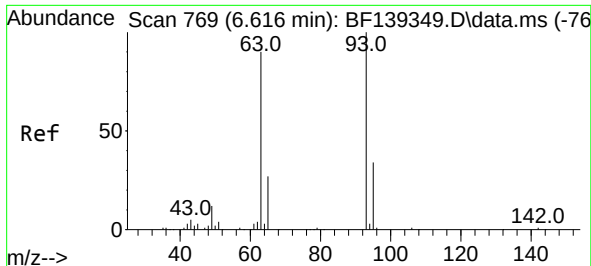
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#10
Phenol
Concen: 50.196 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

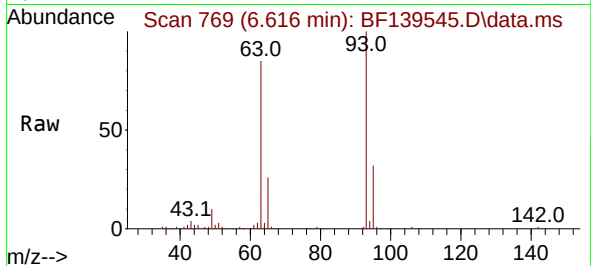
Tgt Ion: 94 Resp: 281342
Ion Ratio Lower Upper
94 100
65 37.3 17.6 57.6
66 53.2 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 50.784 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

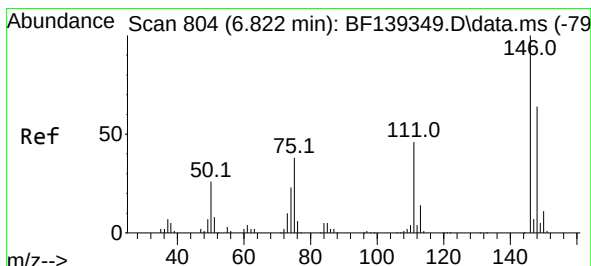
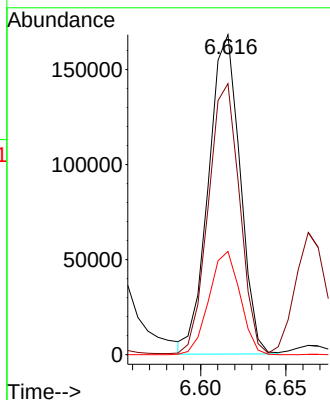
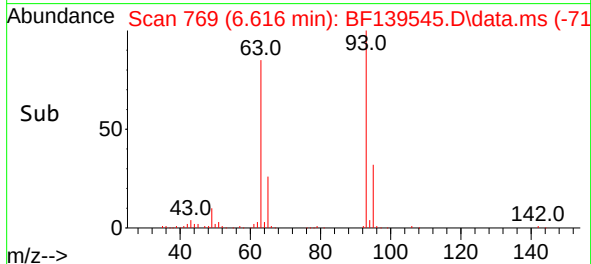
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



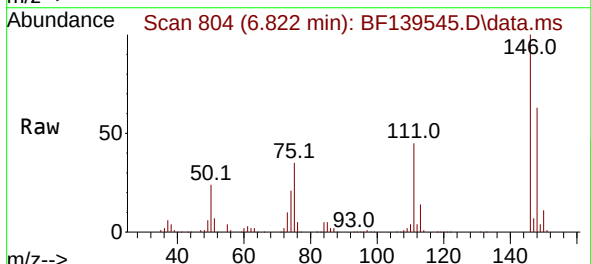
Tgt Ion: 93 Resp: 216339
Ion Ratio Lower Upper
93 100
63 84.7 65.3 105.3
95 32.2 12.4 52.4

Manual Integrations
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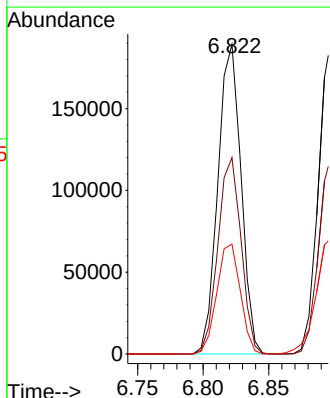
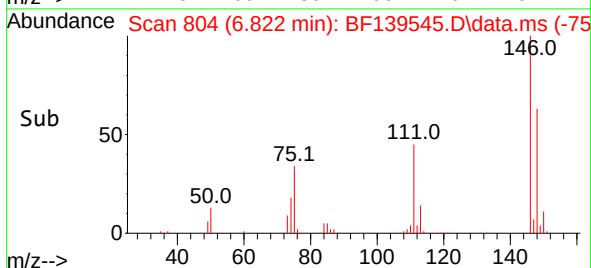
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

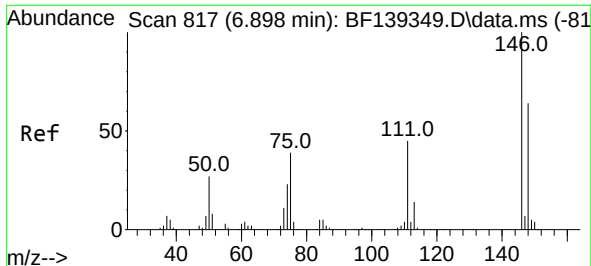


#12
1,3-Dichlorobenzene
Concen: 47.288 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



Tgt Ion:146 Resp: 232097
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 35.5 30.6 46.0





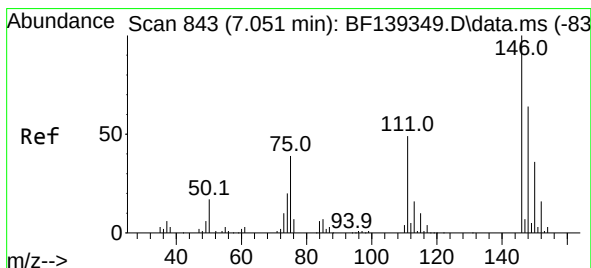
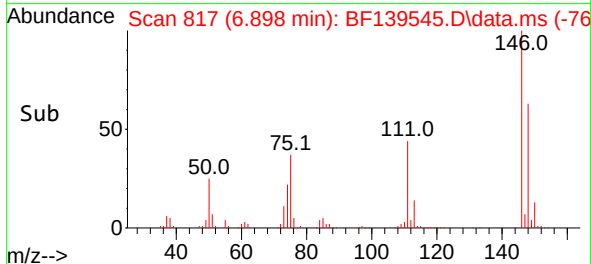
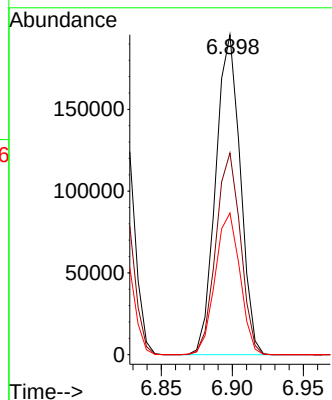
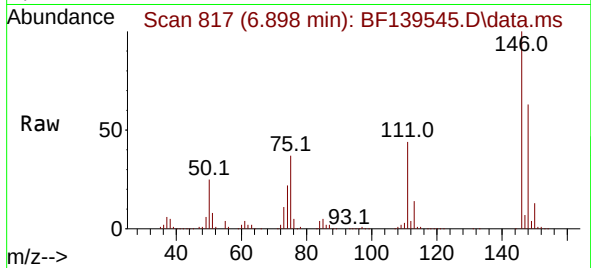
#13
1,4-Dichlorobenzene
Concen: 47.413 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion:146 Resp: 23516
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
111 44.2 36.3 54.5

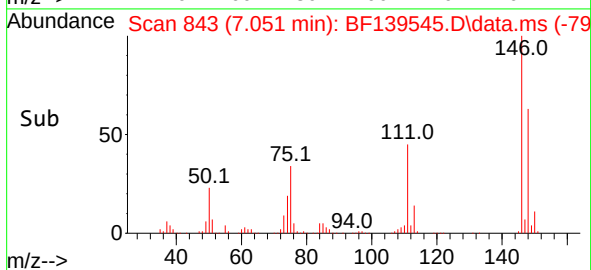
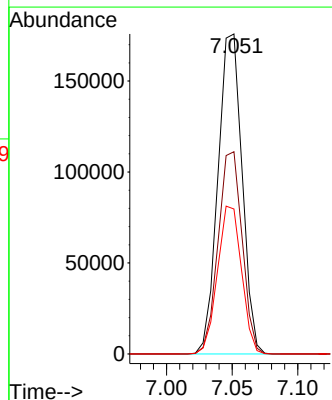
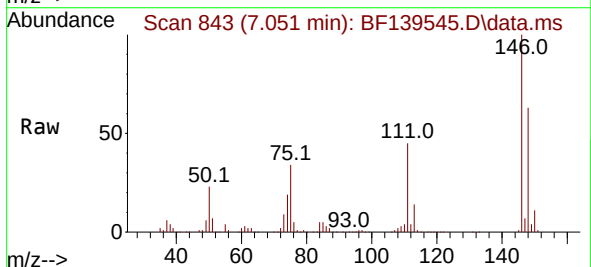
Manual Integrations
APPROVED

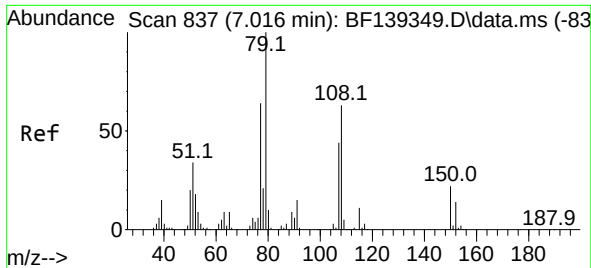
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#14
1,2-Dichlorobenzene
Concen: 48.032 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

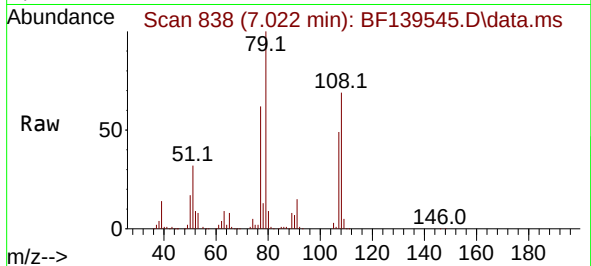
Tgt Ion:146 Resp: 225114
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 45.3 38.9 58.3





#15
Benzyl Alcohol
Concen: 46.739 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

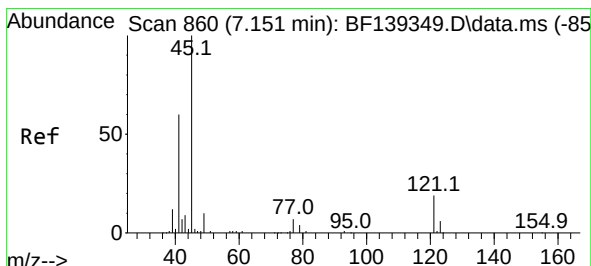
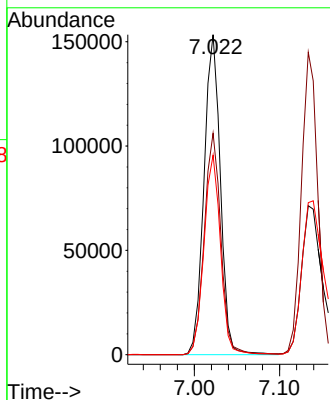
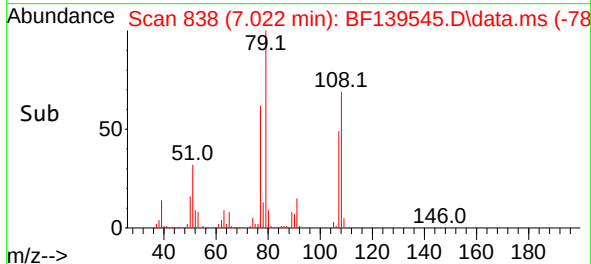
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion: 79 Resp: 20520
Ion Ratio Lower Upper
79 100
108 69.2 50.4 75.6
77 62.3 51.4 77.2

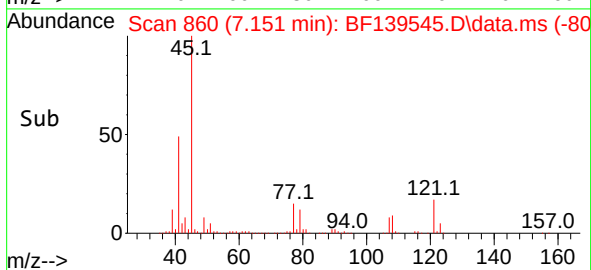
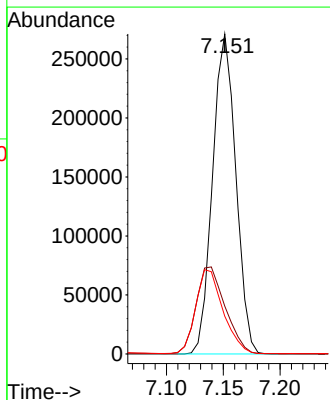
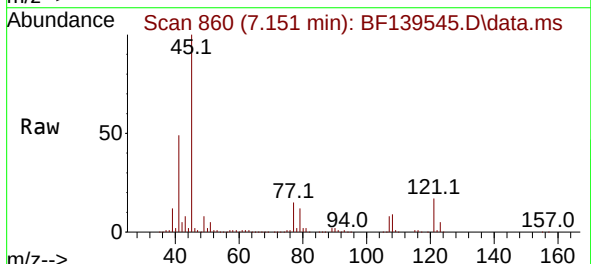
Manual Integrations
APPROVED

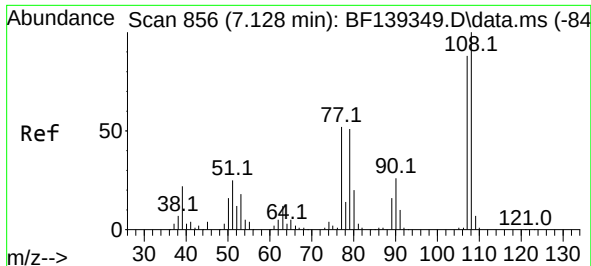
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.818 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion: 45 Resp: 386149
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.0
79 11.8 0.0 29.1





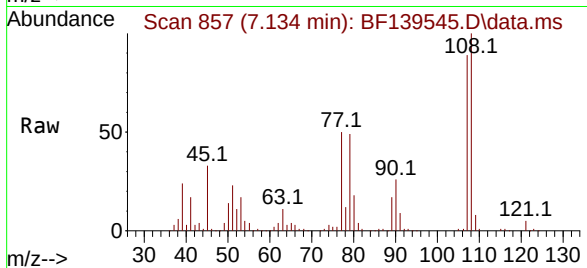
#17
2-Methylphenol
Concen: 49.761 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

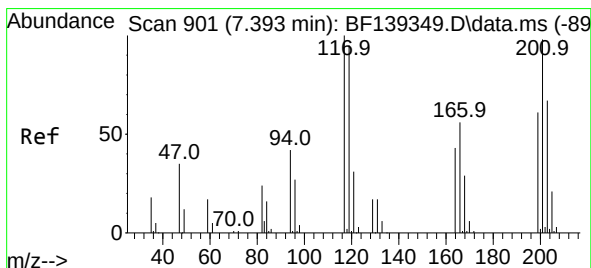
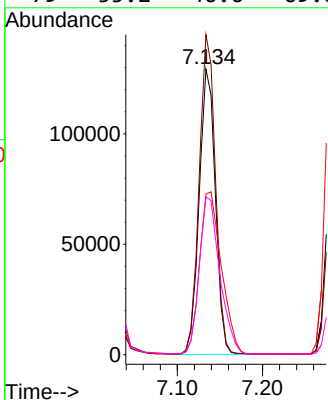
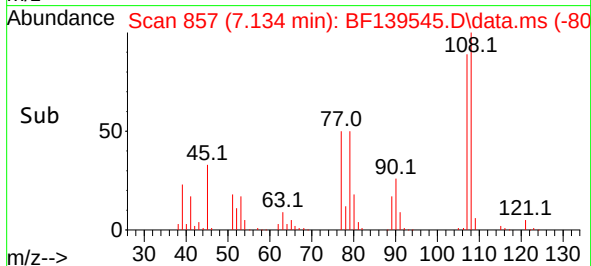


Tgt Ion:107 Resp: 17062
Ion Ratio Lower Upper
107 100
108 112.0 90.5 135.7
77 56.3 47.1 70.7
79 55.2 46.6 69.8

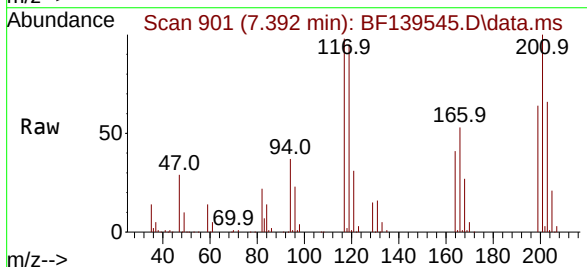
Manual Integrations

APPROVED

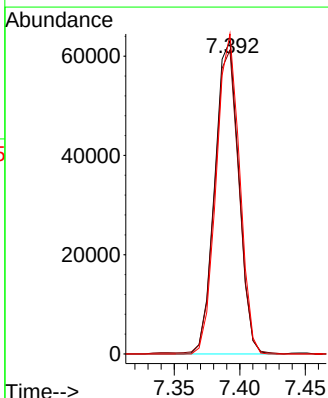
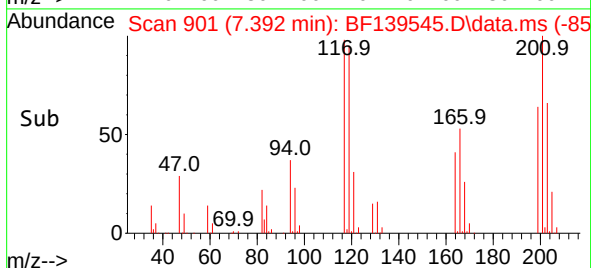
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

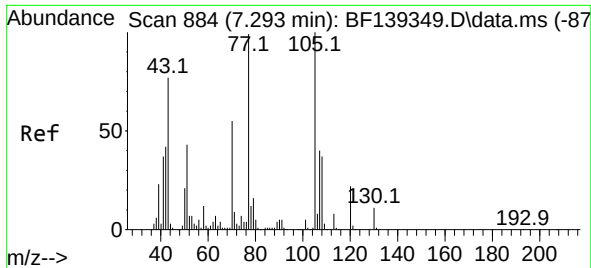


#18
Hexachloroethane
Concen: 42.427 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



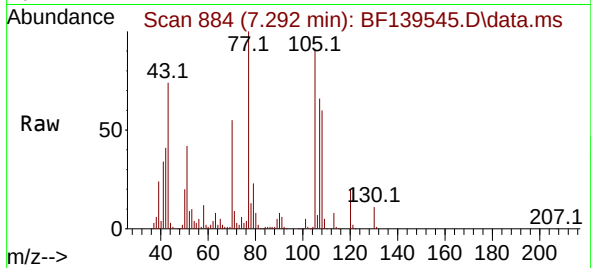
Tgt Ion:117 Resp: 80152
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 102.2 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.905 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

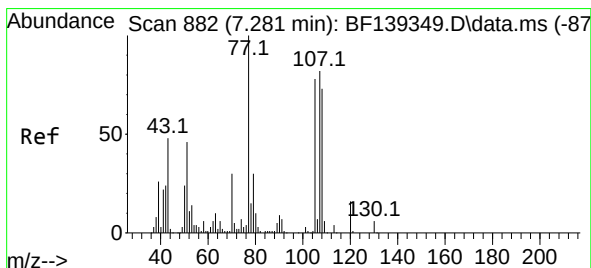
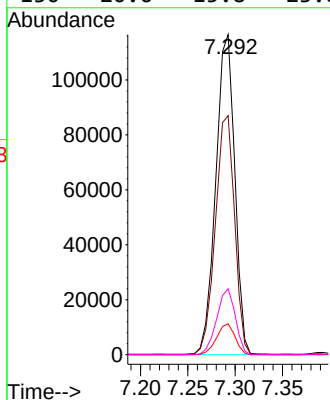
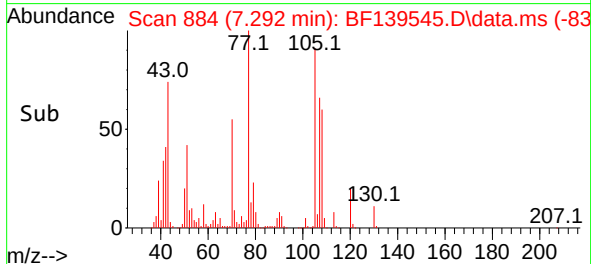
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion: 70 Resp: 16274
Ion Ratio Lower Upper
70 100
42 74.7 61.2 91.8
101 9.6 7.5 11.3
130 20.6 15.8 23.8

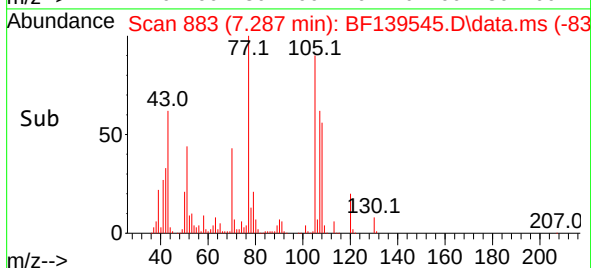
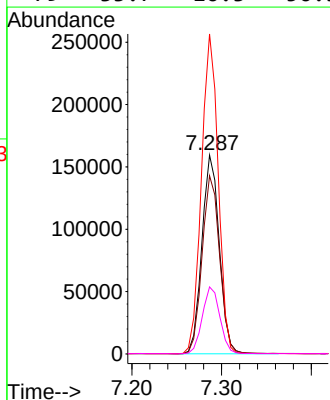
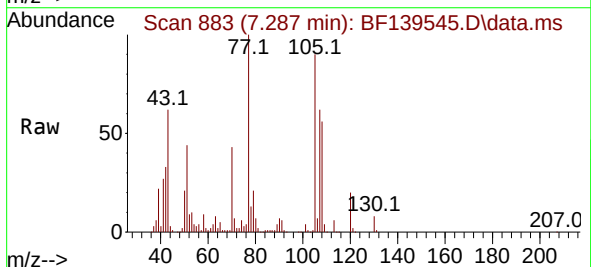
Manual Integrations
APPROVED

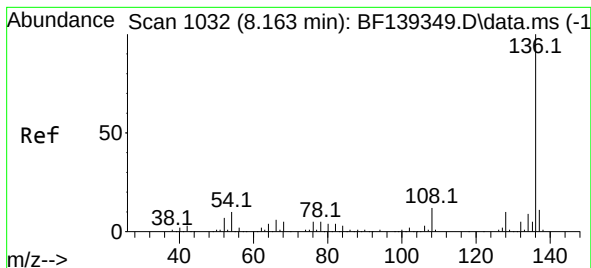
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#20
3+4-Methylphenols
Concen: 45.892 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:107 Resp: 214687
Ion Ratio Lower Upper
107 100
108 89.6 68.6 108.6
77 160.9 101.6 141.6#
79 33.7 16.3 56.3





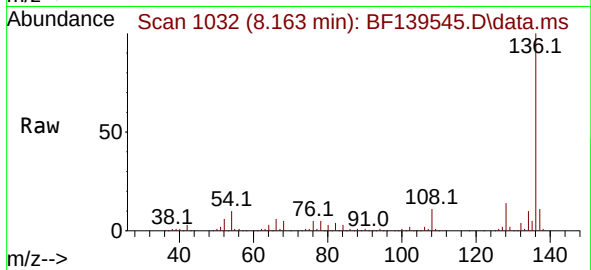
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

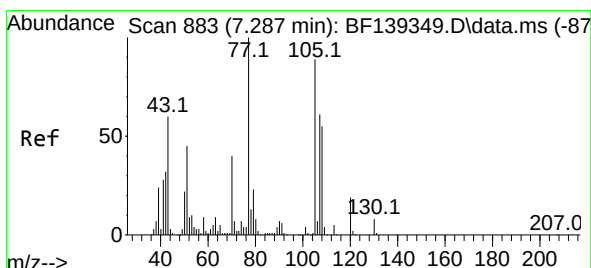
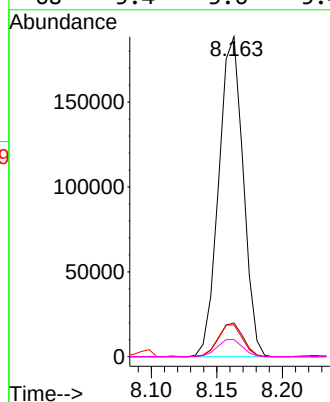
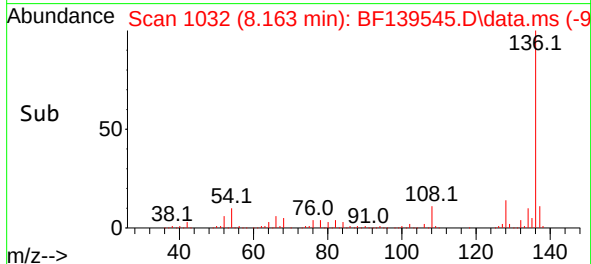


Tgt Ion:136 Resp: 244093
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.9 7.8 11.8
68 5.4 3.6 5.4

Manual Integrations

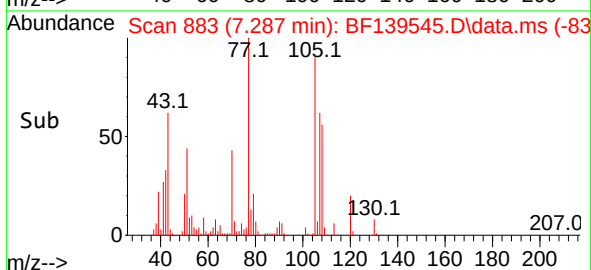
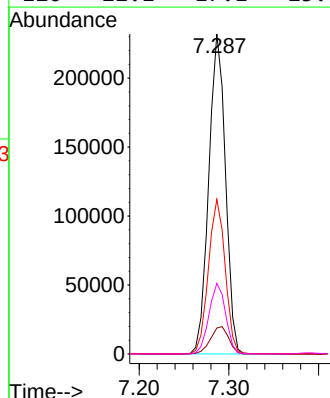
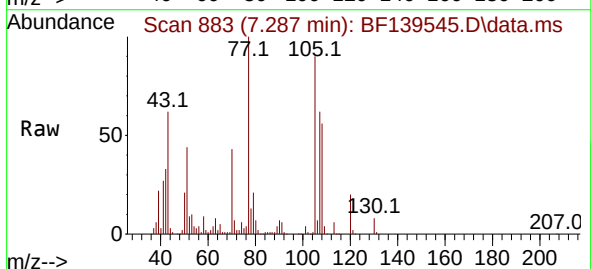
APPROVED

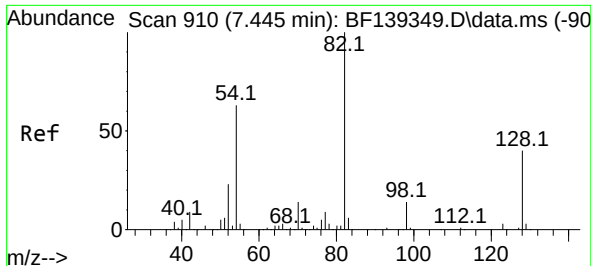
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#22
Acetophenone
Concen: 46.981 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:105 Resp: 299803
Ion Ratio Lower Upper
105 100
71 8.1 5.9 8.9
51 48.3 40.0 60.0
120 22.1 17.1 25.7





#23
Nitrobenzene-d5
Concen: 67.752 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

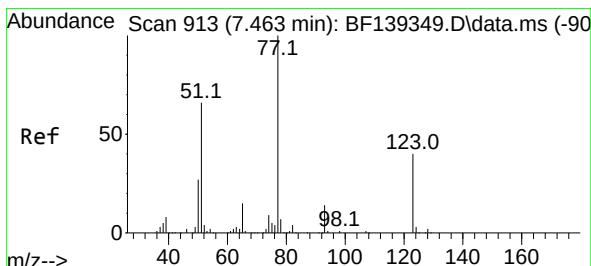
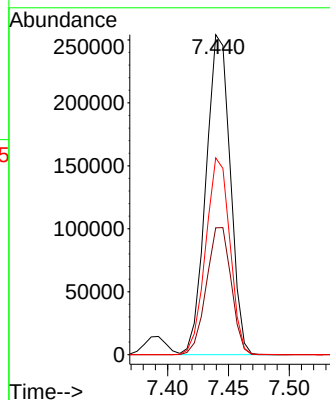
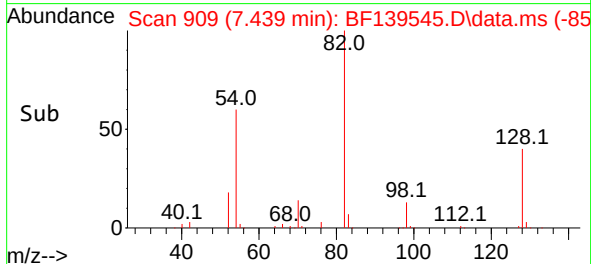
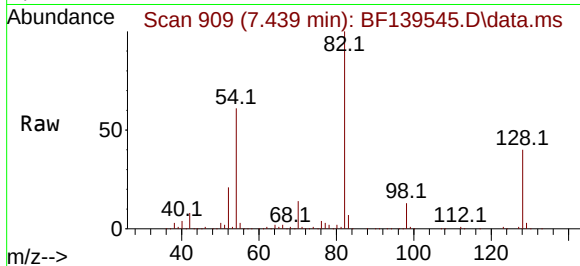
ClientSampleId :

VNJ231MSD

Tgt Ion: 82 Resp: 351780
Ion Ratio Lower Upper
82 100
128 39.7 31.8 47.6
54 61.5 50.6 75.8

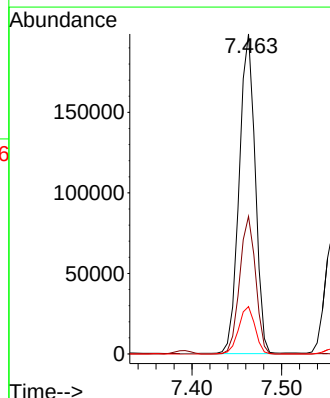
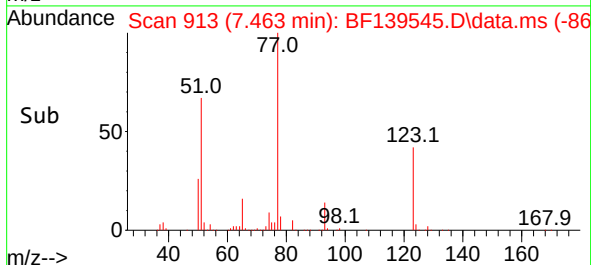
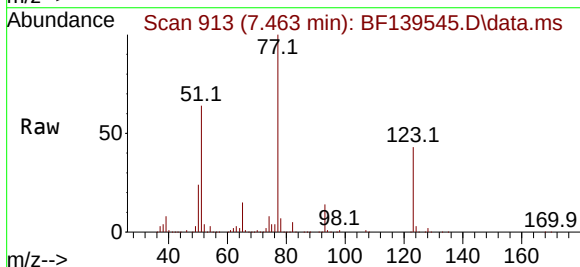
Manual Integrations
APPROVED

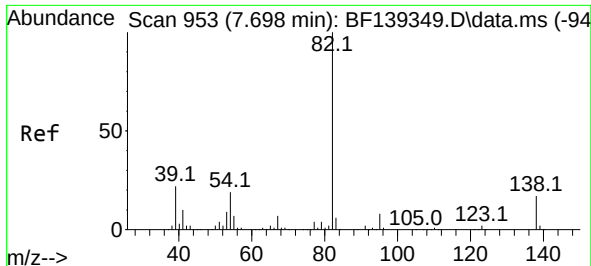
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#24
Nitrobenzene
Concen: 46.021 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion: 77 Resp: 245933
Ion Ratio Lower Upper
77 100
123 43.0 32.2 48.4
65 14.8 12.2 18.4





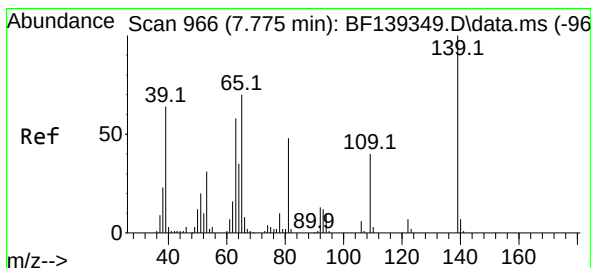
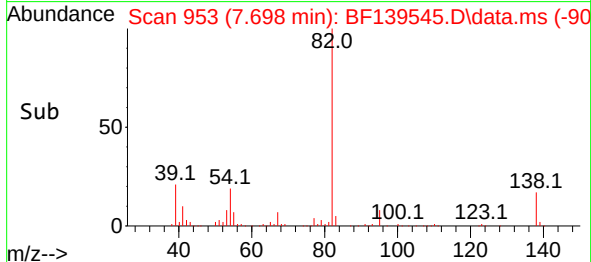
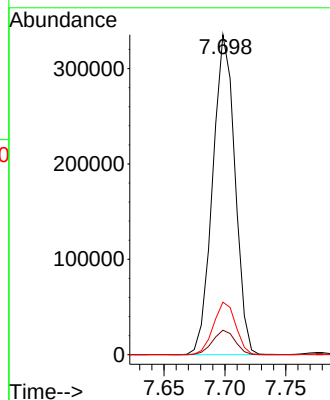
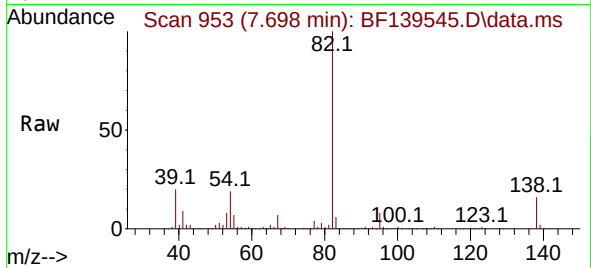
#25
Isophorone
Concen: 51.996 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion: 82 Resp: 426970
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 16.4 13.3 19.9

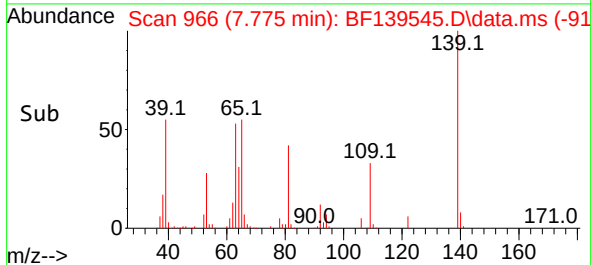
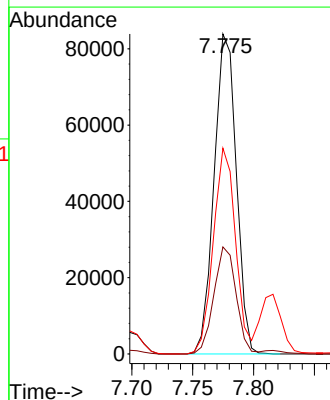
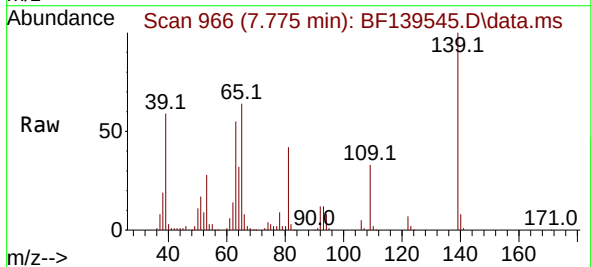
Manual Integrations
APPROVED

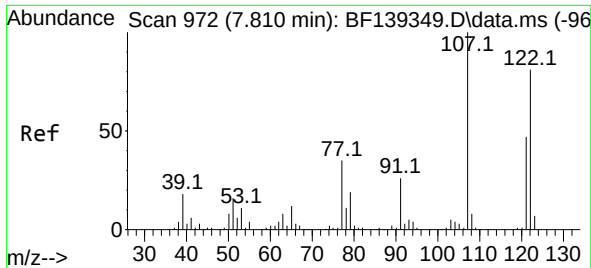
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#26
2-Nitrophenol
Concen: 51.069 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

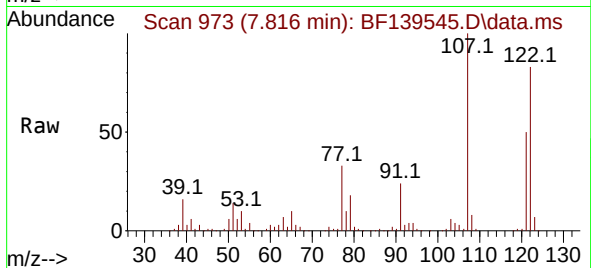
Tgt Ion:139 Resp: 106324
Ion Ratio Lower Upper
139 100
109 33.5 32.2 48.2
65 64.3 55.8 83.8





#27
2,4-Dimethylphenol
Concen: 61.035 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

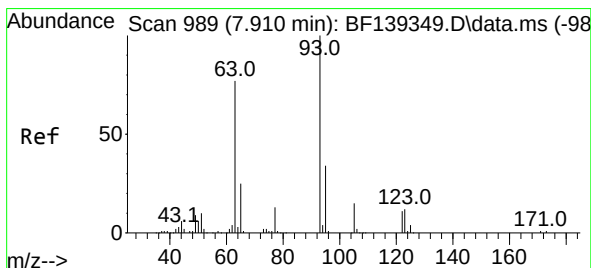
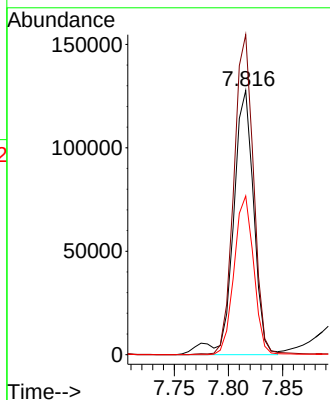
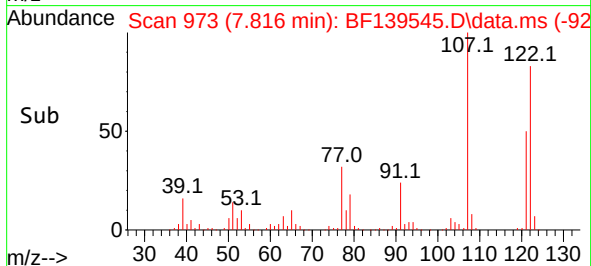
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion:122 Resp: 167620
Ion Ratio Lower Upper
122 100
107 121.1 99.1 148.7
121 60.1 46.6 70.0

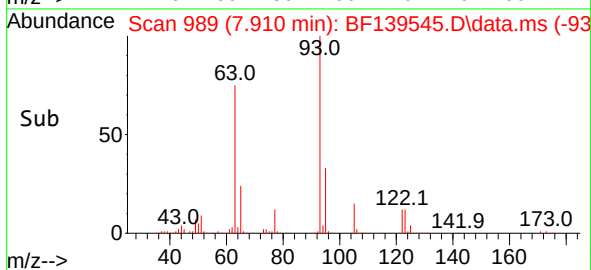
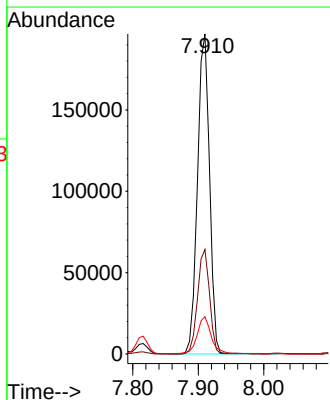
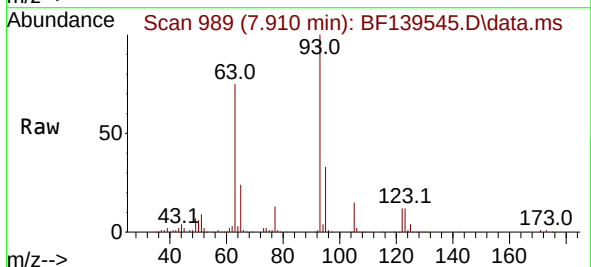
Manual Integrations
APPROVED

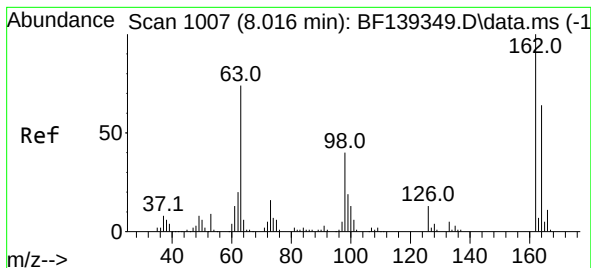
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.816 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

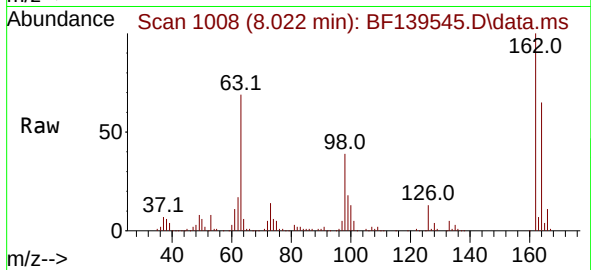
Tgt Ion: 93 Resp: 251856
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.7 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 48.608 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

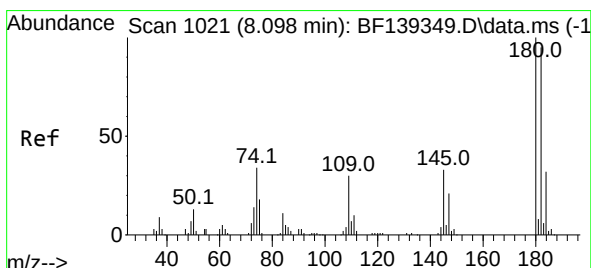
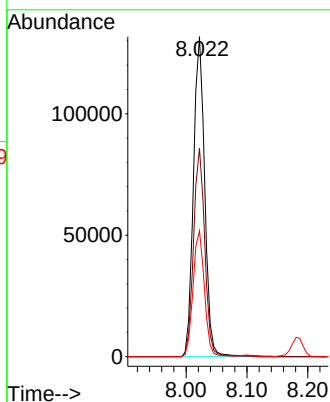
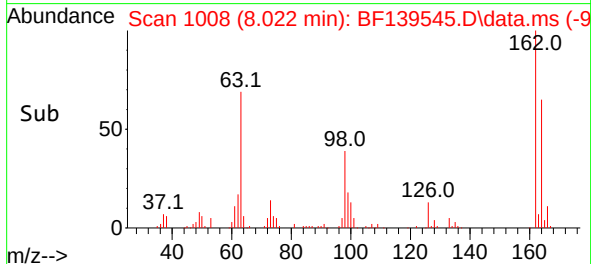
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



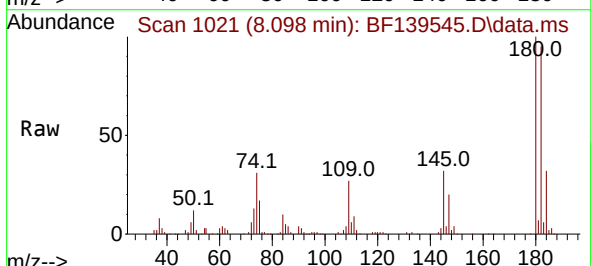
Tgt Ion:162 Resp: 16958
Ion Ratio Lower Upper
162 100
164 65.2 43.6 83.6
98 39.3 19.7 59.7

Manual Integrations
APPROVED

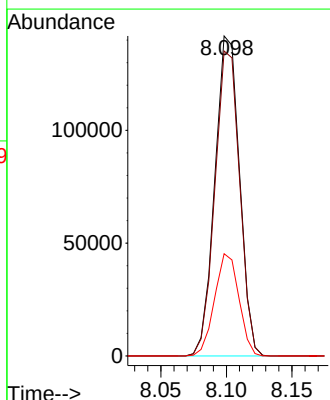
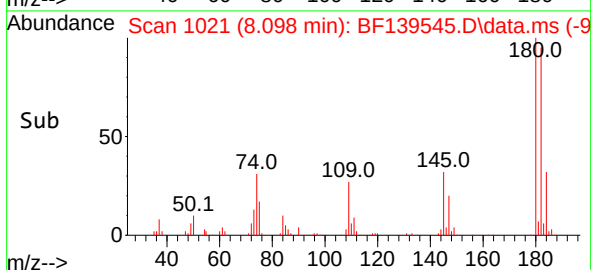
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

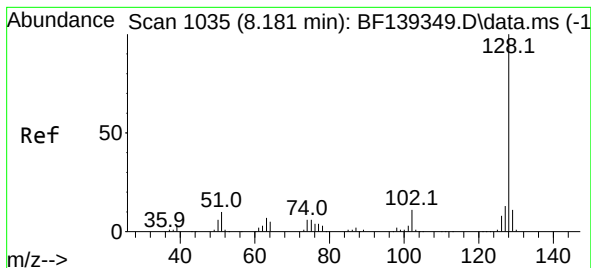


#30
1,2,4-Trichlorobenzene
Concen: 45.613 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



Tgt Ion:180 Resp: 185419
Ion Ratio Lower Upper
180 100
182 95.3 75.7 113.5
145 31.9 26.5 39.7





#31
Naphthalene
Concen: 49.094 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

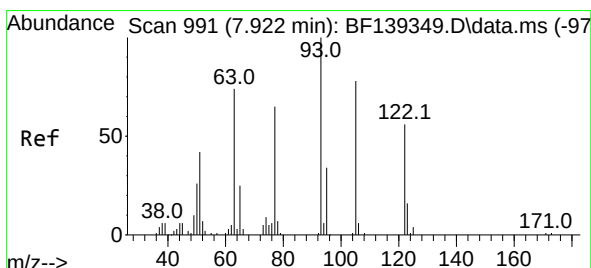
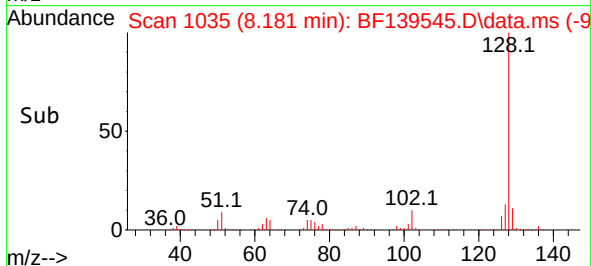
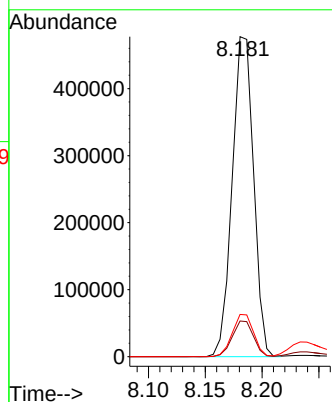
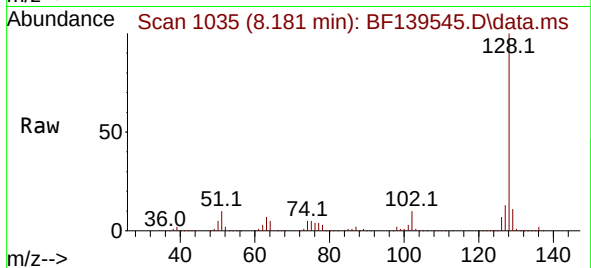
VNJ231MSD

Tgt Ion:128 Resp: 62561
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations

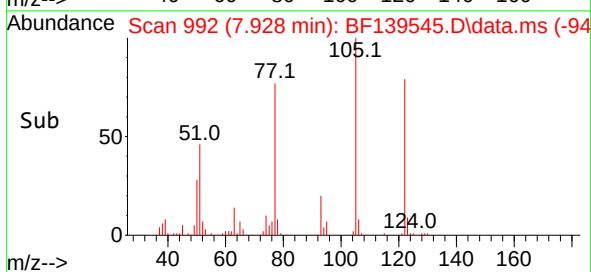
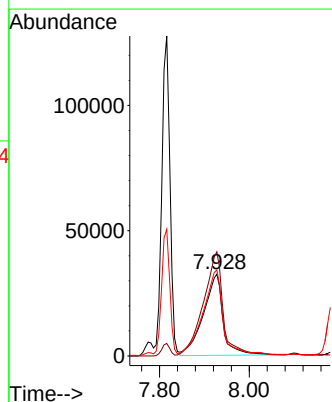
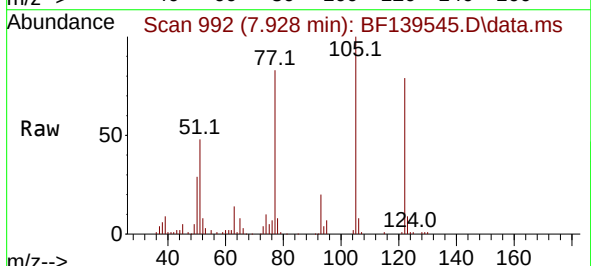
APPROVED

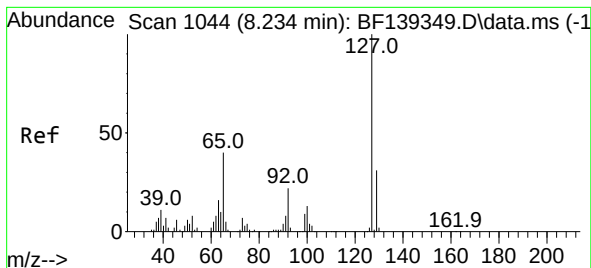
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#32
Benzoic acid
Concen: 38.583 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:122 Resp: 99161
Ion Ratio Lower Upper
122 100
105 127.3 117.1 157.1
77 105.1 95.4 135.4





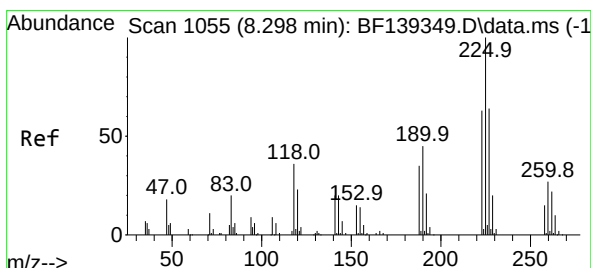
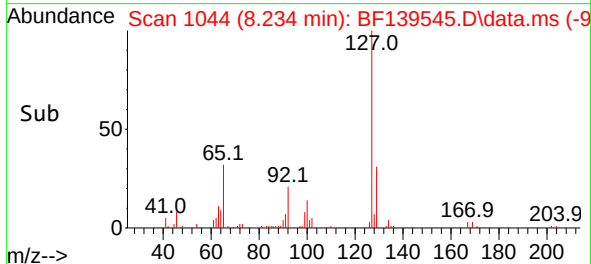
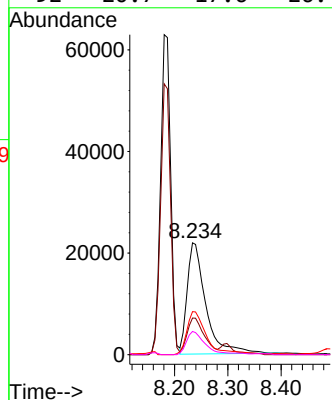
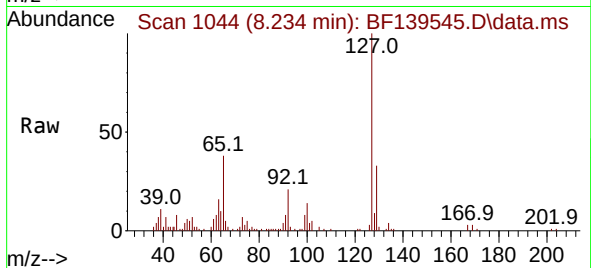
#33
4-Chloroaniline
Concen: 13.626 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion:	127	Resp:	53118
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.5	38.3
65	38.4	31.5	47.3
92	20.7	17.6	26.4

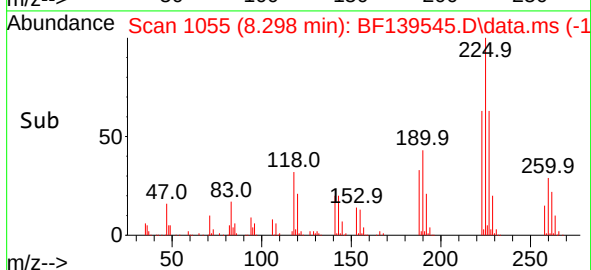
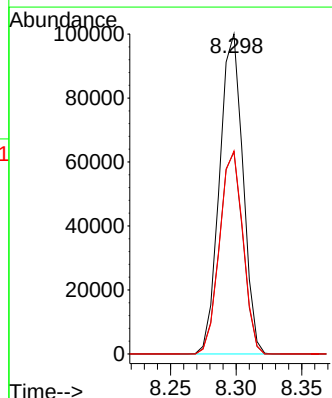
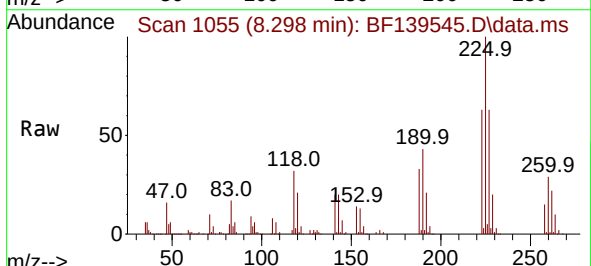
Manual Integrations
APPROVED

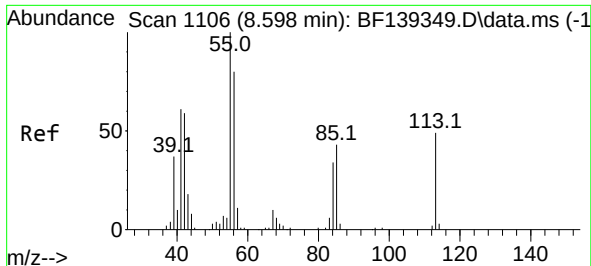
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#34
Hexachlorobutadiene
Concen: 44.876 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:	225	Resp:	123938
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.1	75.1
227	63.4	51.0	76.6





#35
Caprolactam
Concen: 49.450 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

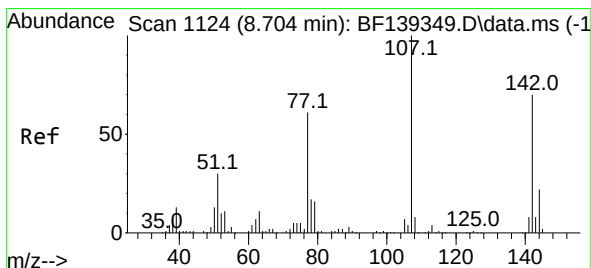
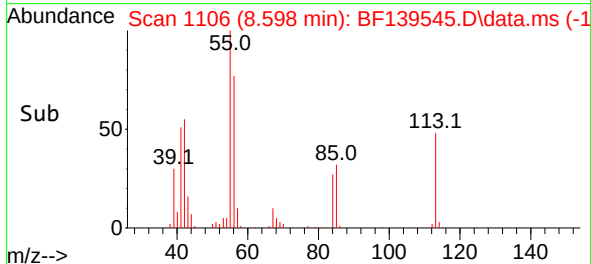
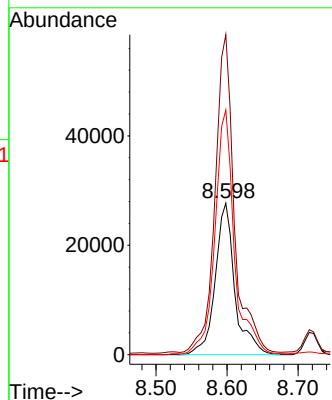
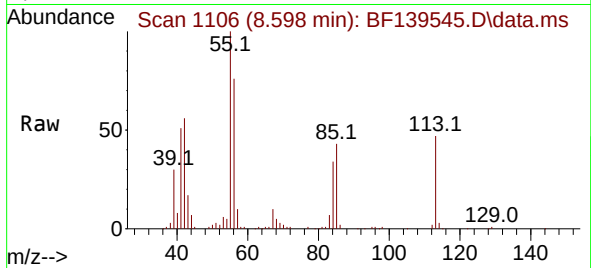
VNJ231MSD

Tgt Ion:113 Resp: 53070
Ion Ratio Lower Upper
113 100
55 211.2 186.1 226.1
56 161.5 144.9 184.9

Manual Integrations

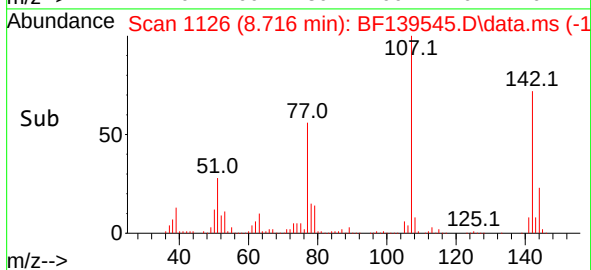
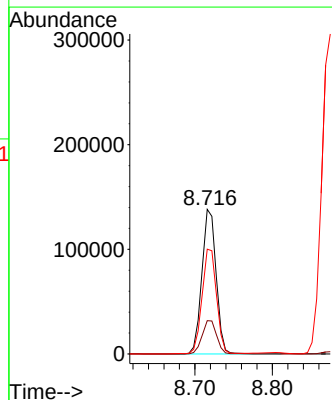
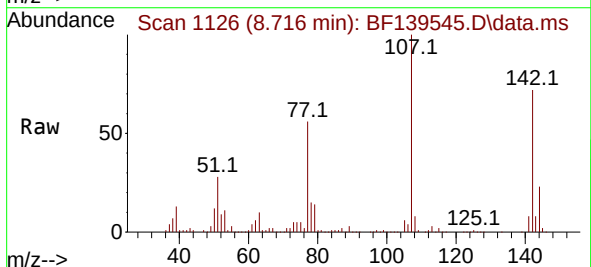
APPROVED

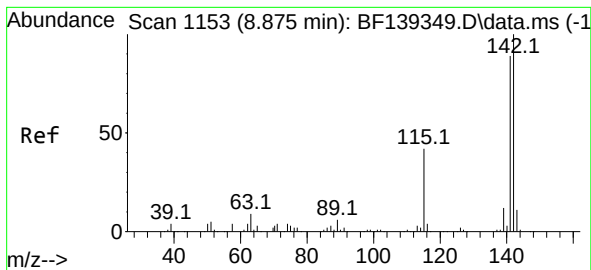
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#36
4-Chloro-3-methylphenol
Concen: 44.437 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:107 Resp: 177179
Ion Ratio Lower Upper
107 100
144 23.0 17.5 26.3
142 72.5 55.8 83.8





#37
2-Methylnaphthalene
Concen: 47.945 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

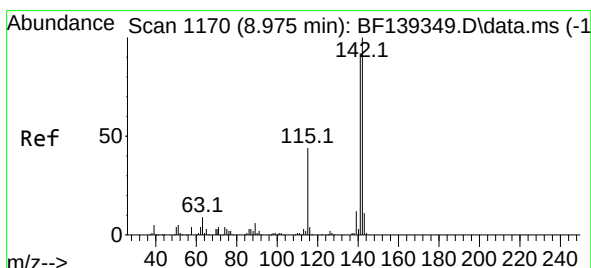
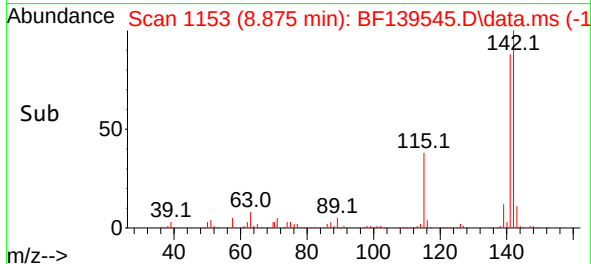
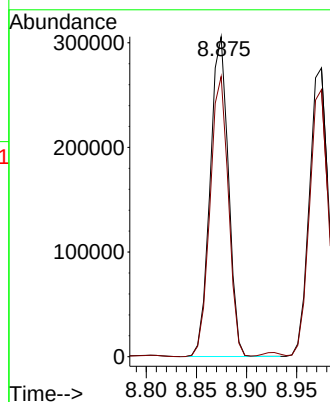
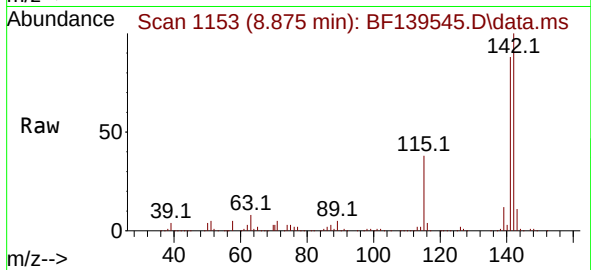
VNJ231MSD

Tgt Ion:142 Resp: 387798
Ion Ratio Lower Upper
142 100
141 87.6 71.6 107.4

Manual Integrations

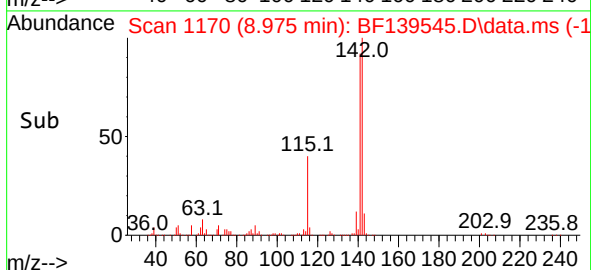
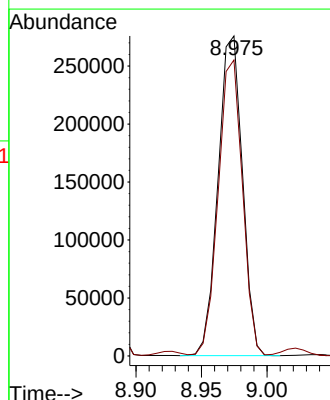
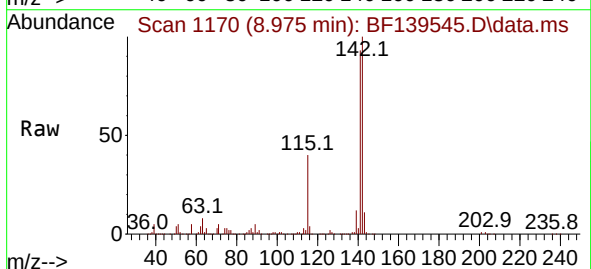
APPROVED

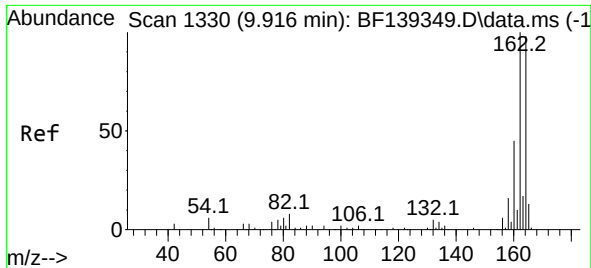
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#38
1-Methylnaphthalene
Concen: 44.798 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:142 Resp: 355741
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8





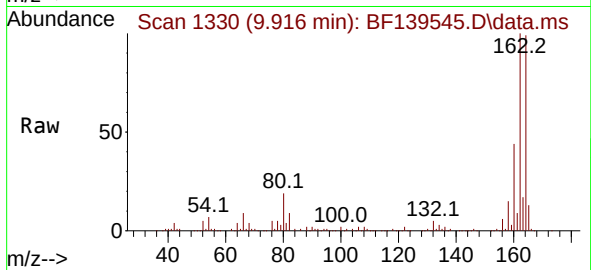
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11775
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

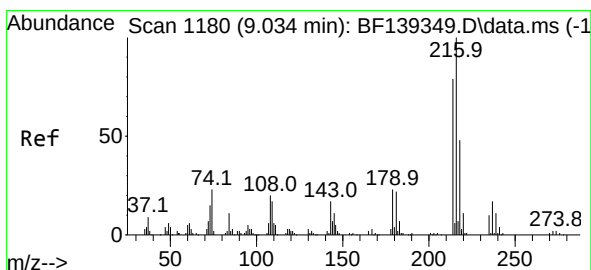
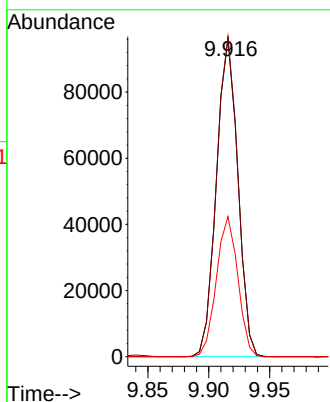
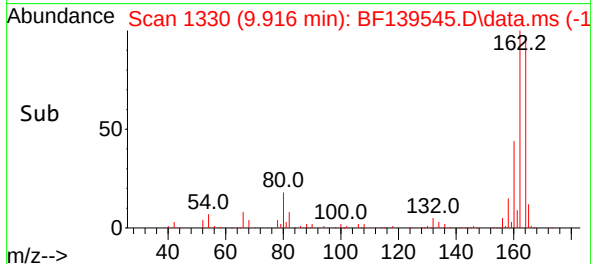


Tgt Ion:164 Resp: 11775
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.2 36.4 54.6

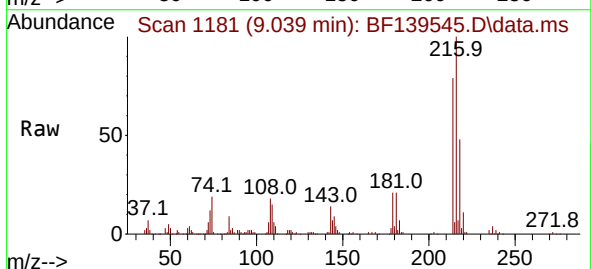
Manual Integrations

APPROVED

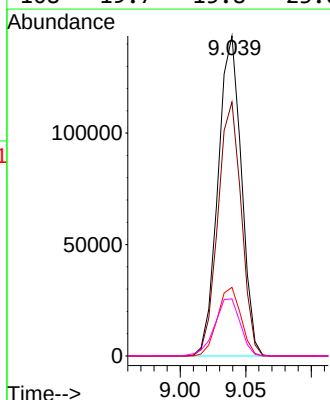
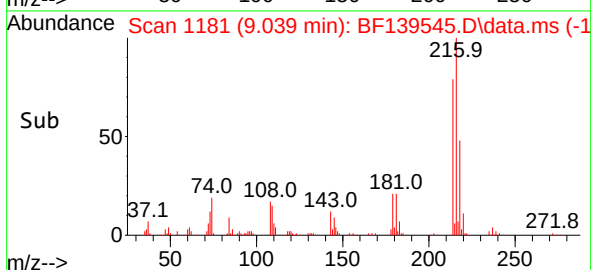
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

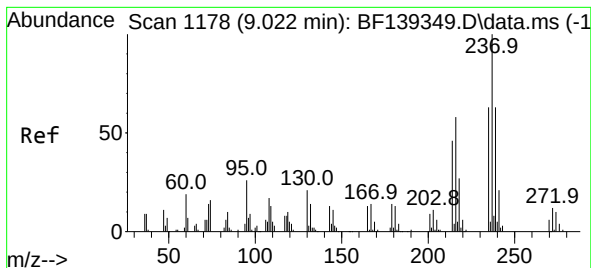


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.881 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



Tgt Ion:216 Resp: 177572
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 21.6 18.2 27.2
108 19.7 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 55.793 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

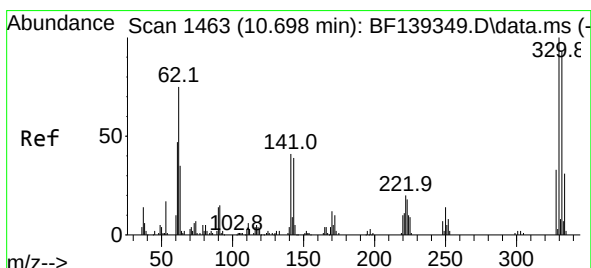
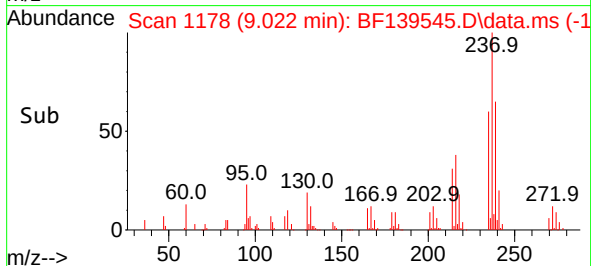
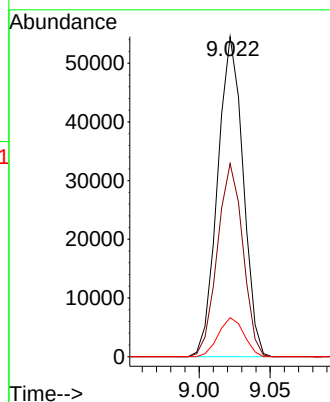
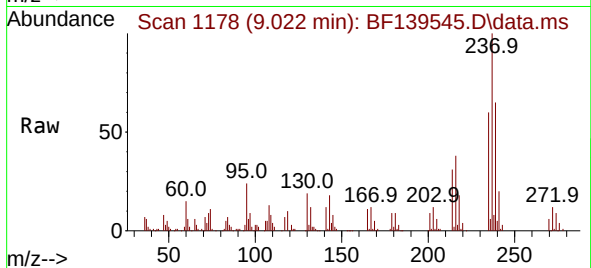
VNJ231MSD

Tgt Ion:	237	Resp:	67980
Ion Ratio	Lower	Upper	
237	100		
235	60.4	42.7	82.7
272	12.2	0.0	32.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#42

2,4,6-Tribromophenol

Concen: 83.283 ng

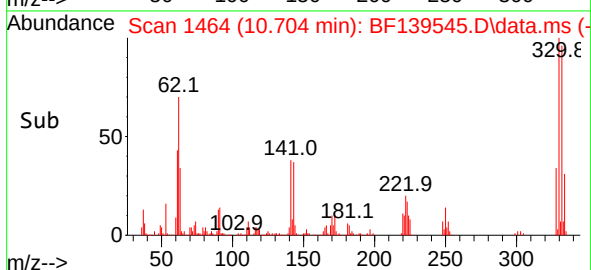
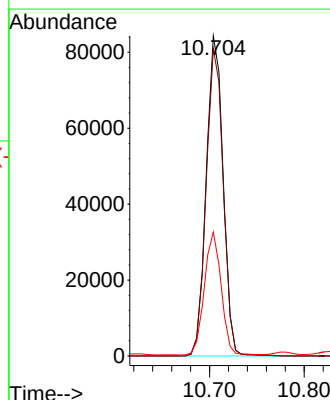
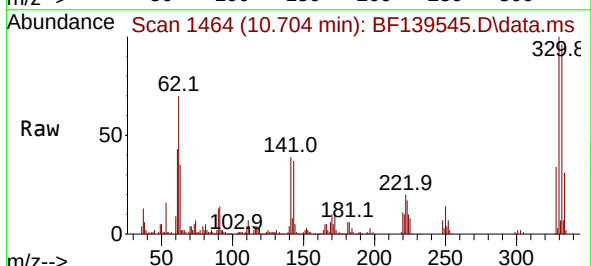
RT: 10.704 min Scan# 1464

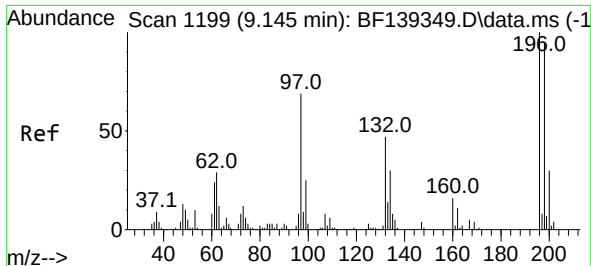
Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Tgt Ion:	330	Resp:	104409
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.2	112.8
141	38.3	31.2	46.8





#43

2,4,6-Trichlorophenol

Concen: 50.526 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion:196 Resp: 11472

Ion Ratio Lower Upper

196 100

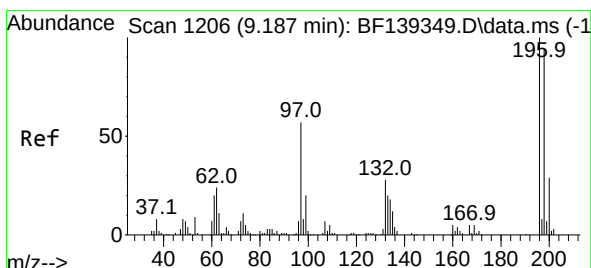
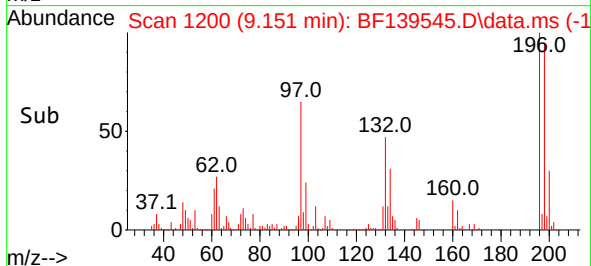
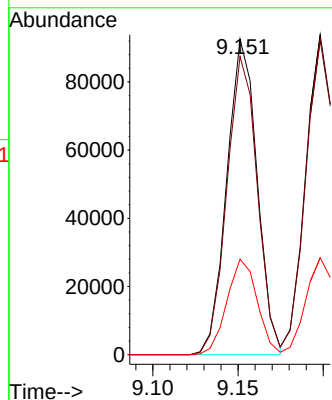
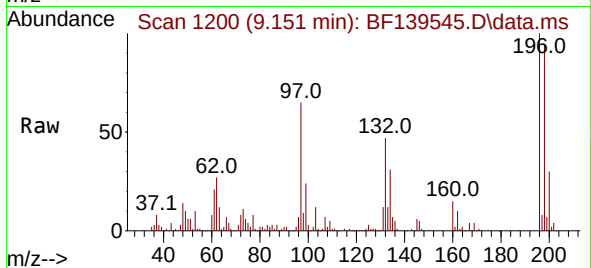
198 94.5 75.8 113.6

200 30.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#44

2,4,5-Trichlorophenol

Concen: 48.771 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Tgt Ion:196 Resp: 116809

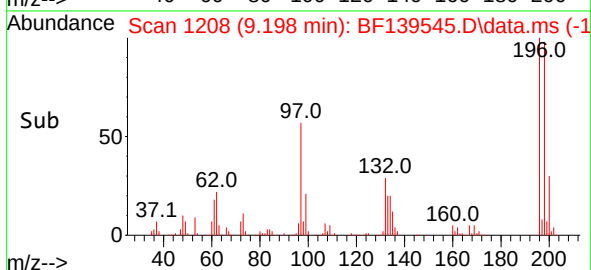
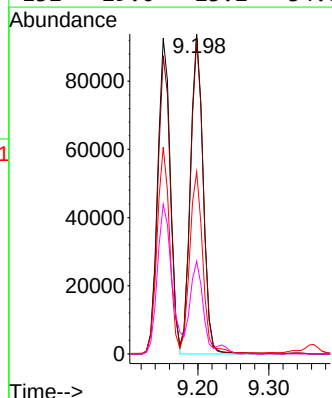
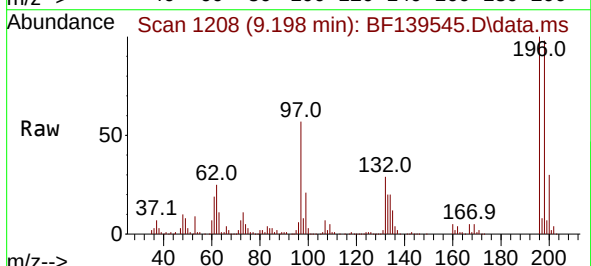
Ion Ratio Lower Upper

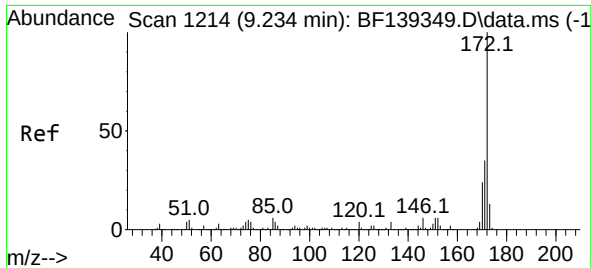
196 100

198 98.2 74.8 112.2

97 56.9 47.3 70.9

132 29.0 23.2 34.8





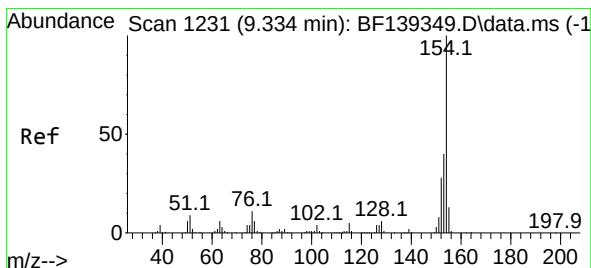
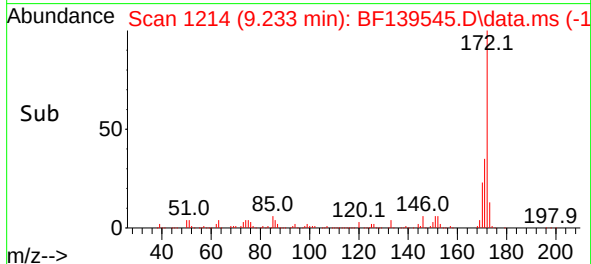
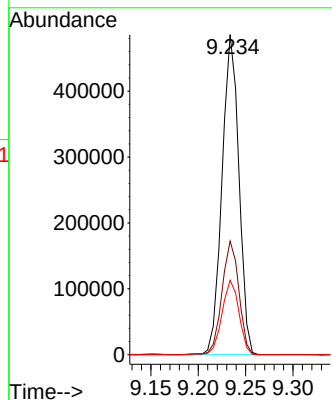
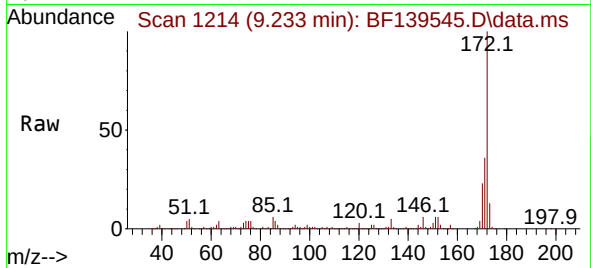
#45
2-Fluorobiphenyl
Concen: 71.735 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion:172 Resp: 60229
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 19.0 28.6

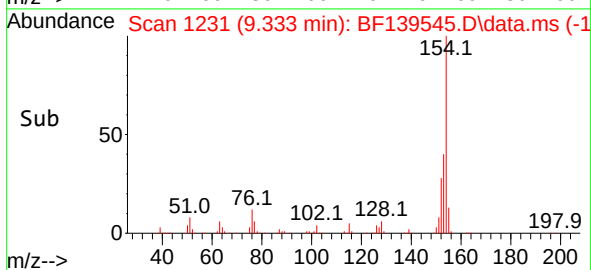
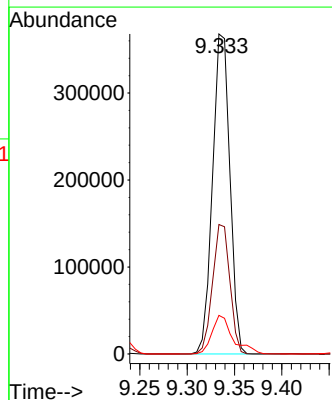
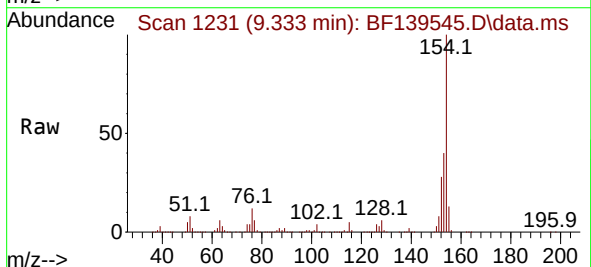
Manual Integrations
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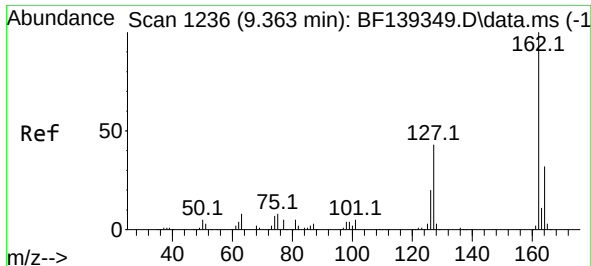
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#46
1,1'-Biphenyl
Concen: 51.854 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:154 Resp: 469764
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 50.369 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139545.D

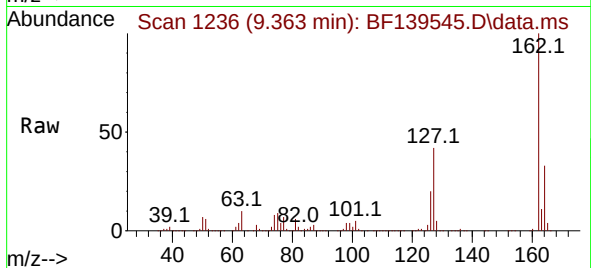
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

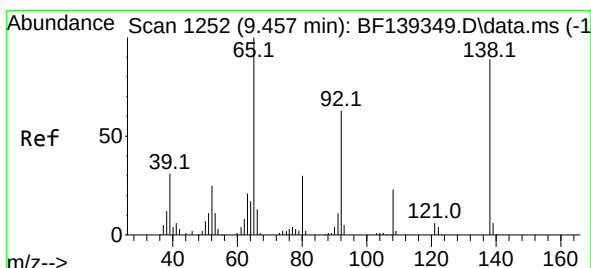
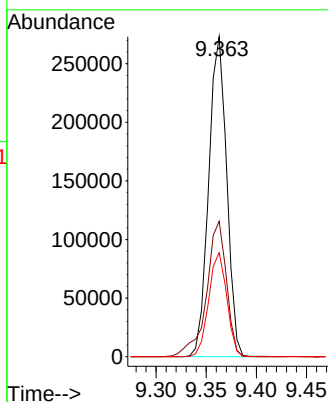
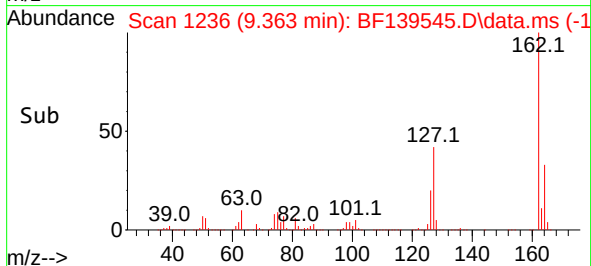


Tgt Ion:	162	Resp:	341184
Ion Ratio	Lower	Upper	
162	100		
127	42.3	35.0	52.4
164	32.5	25.8	38.6

Manual Integrations

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Supervised By :mohammad ahmed 09/27/2024



#48

2-Nitroaniline

Concen: 50.824 ng

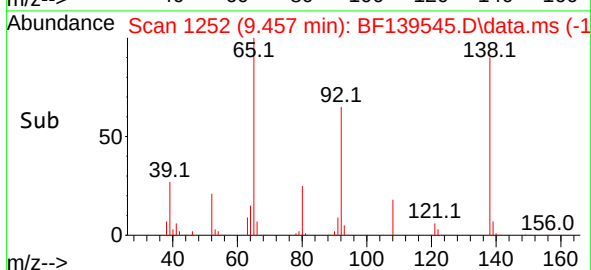
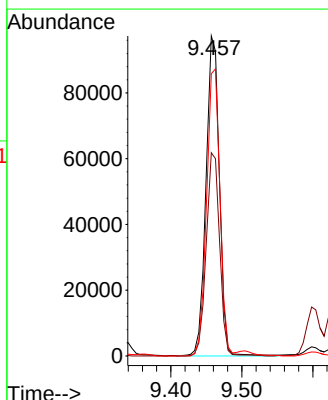
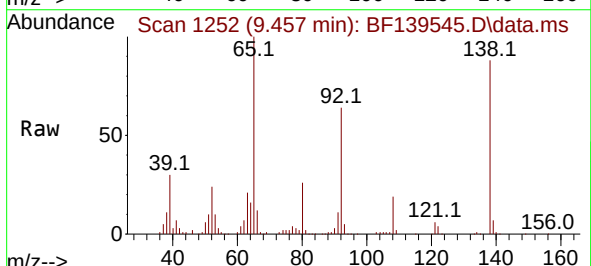
RT: 9.457 min Scan# 1252

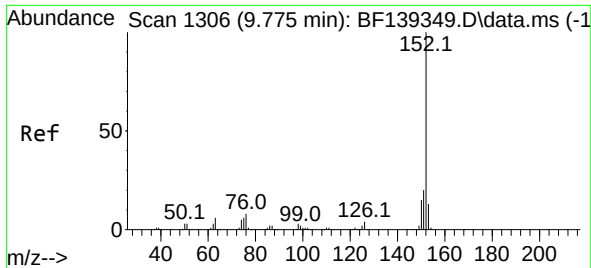
Delta R.T. -0.000 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Tgt Ion:	65	Resp:	128049
Ion Ratio	Lower	Upper	
65	100		
92	63.5	50.3	75.5
138	88.2	71.3	106.9





#49
Acenaphthylene
Concen: 57.455 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

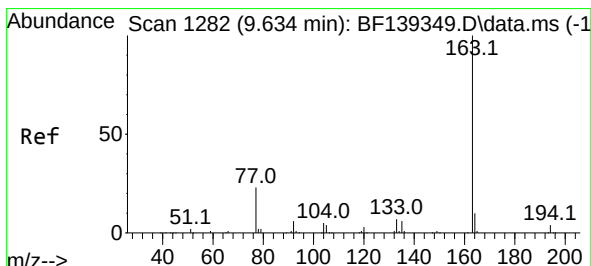
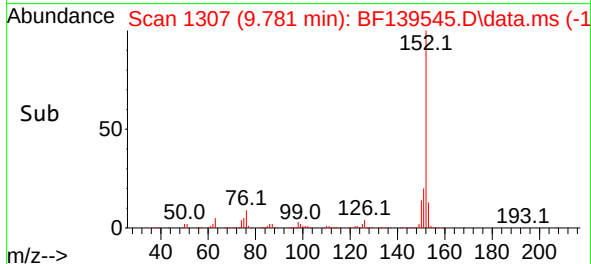
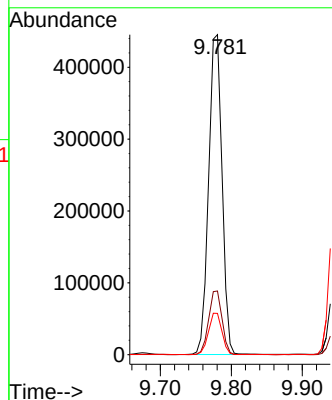
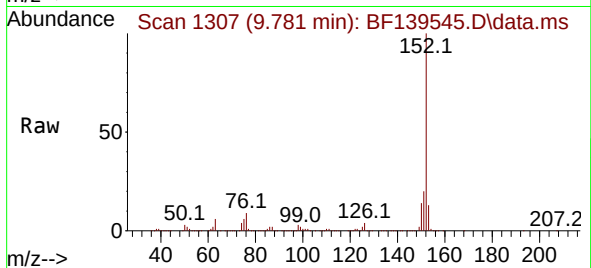
VNJ231MSD

Tgt Ion:152 Resp: 585838
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.3 15.5

Manual Integrations

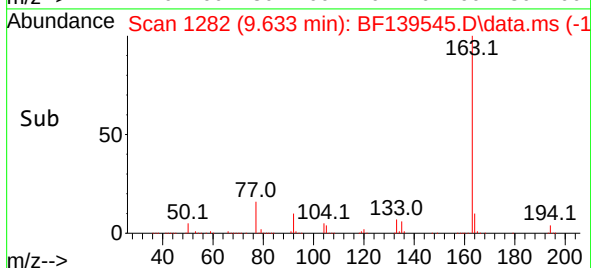
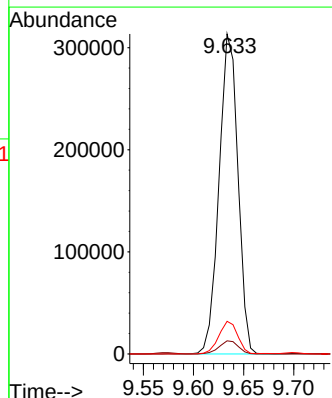
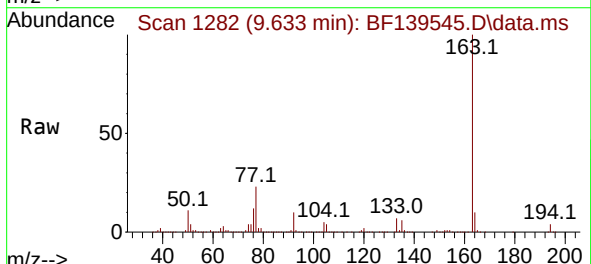
APPROVED

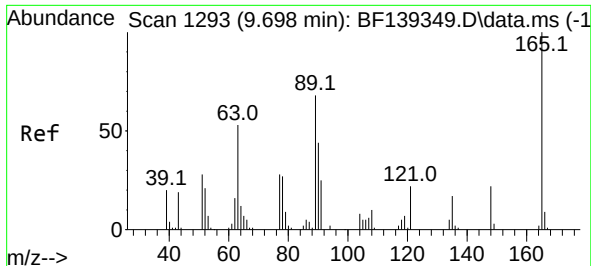
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#50
Dimethylphthalate
Concen: 52.932 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:163 Resp: 409103
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2





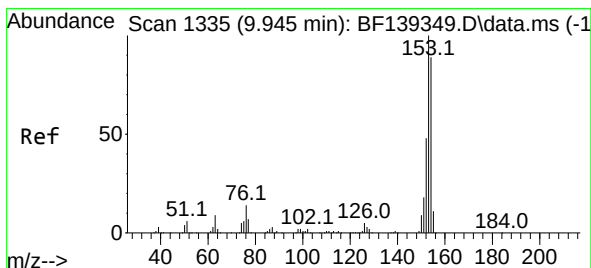
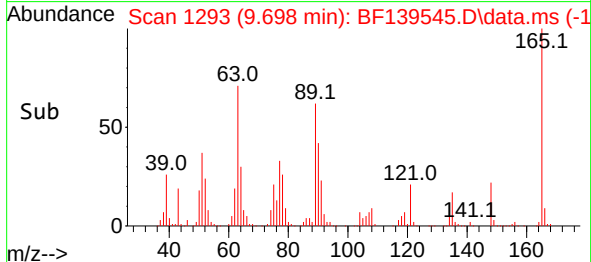
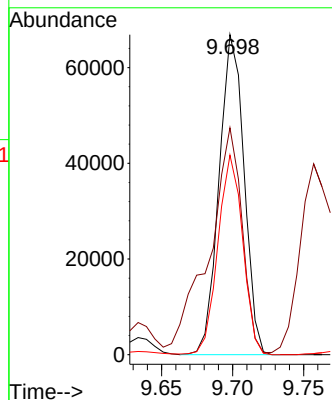
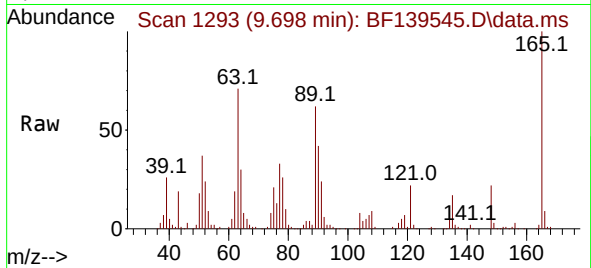
#51
2,6-Dinitrotoluene
Concen: 47.768 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion:165 Resp: 8178
Ion Ratio Lower Upper
165 100
63 70.9 60.9 91.3
89 62.4 54.7 82.1

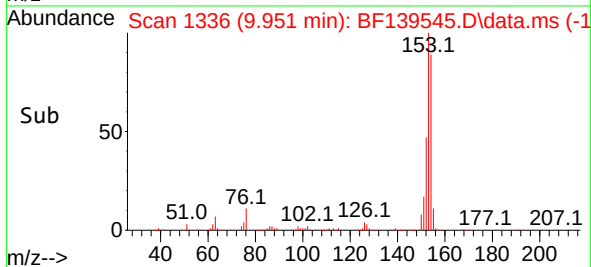
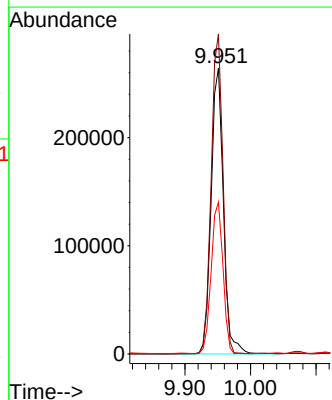
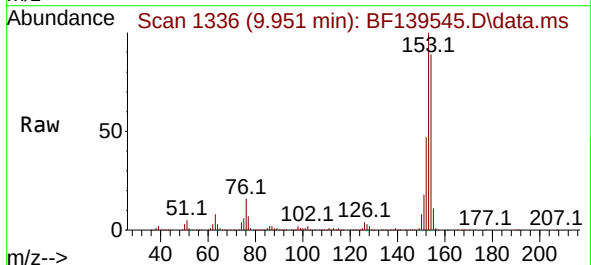
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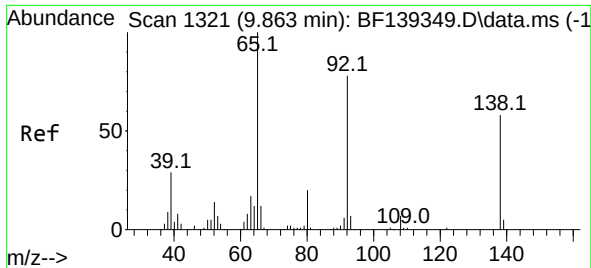
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#52
Acenaphthene
Concen: 48.466 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:154 Resp: 344902
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.1 42.6 64.0





#53
3-Nitroaniline
Concen: 38.706 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

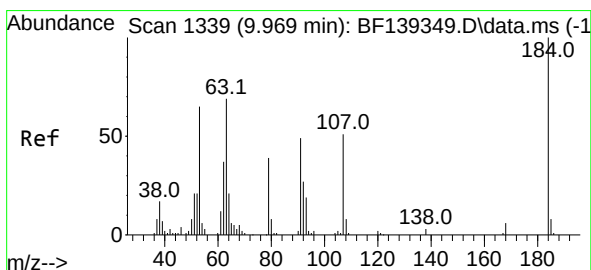
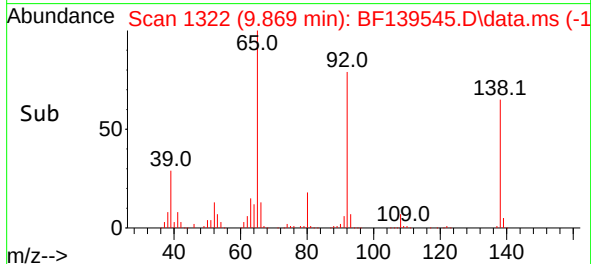
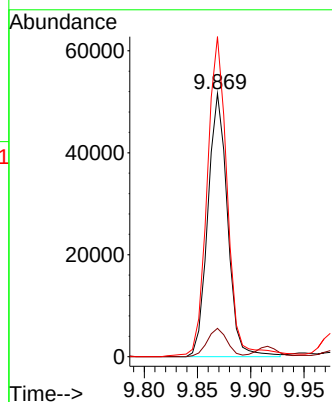
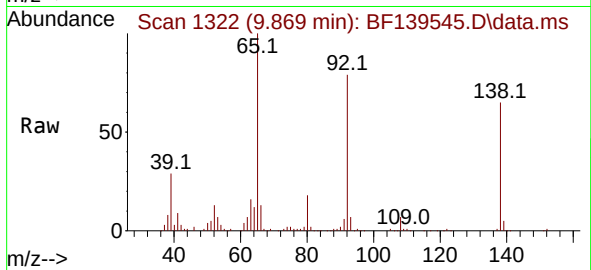
VNJ231MSD

Tgt Ion:138 Resp: 6623
Ion Ratio Lower Upper
138 100
108 10.8 9.8 14.8
92 121.6 107.4 161.2

Manual Integrations

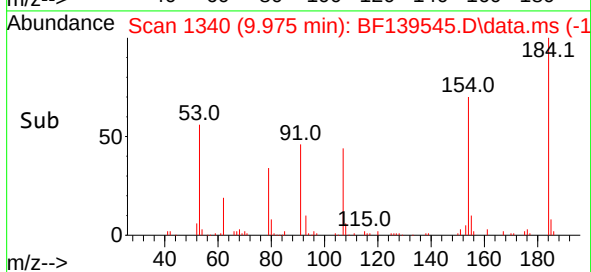
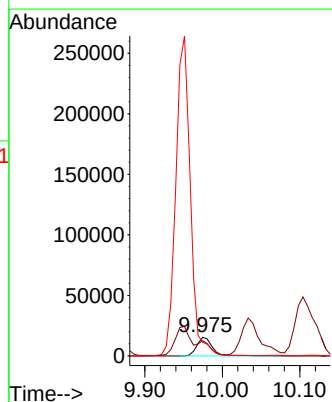
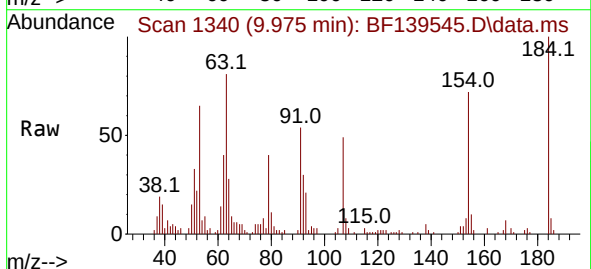
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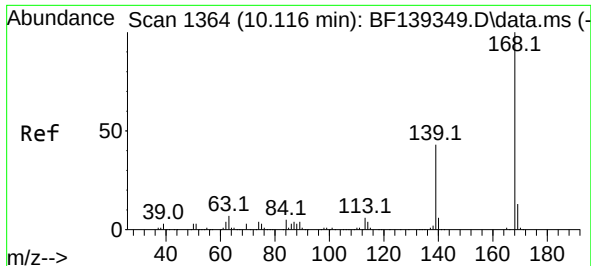
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#54
2,4-Dinitrophenol
Concen: 22.530 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:184 Resp: 21495
Ion Ratio Lower Upper
184 100
63 81.2 69.3 103.9
154 72.4 67.5 101.3





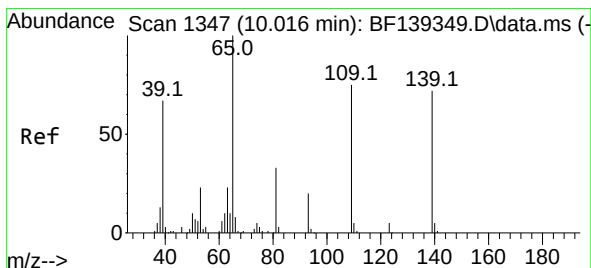
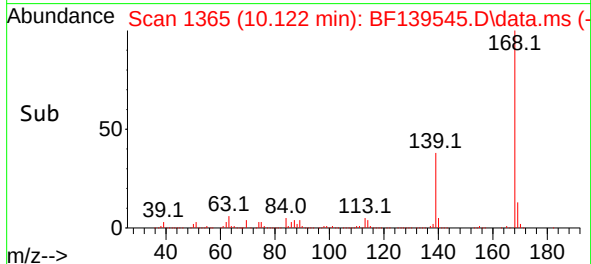
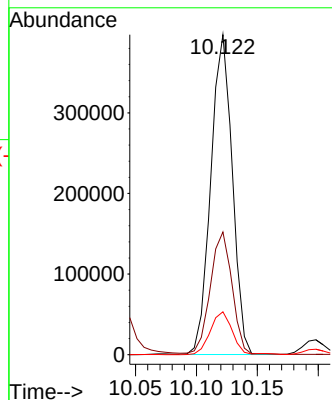
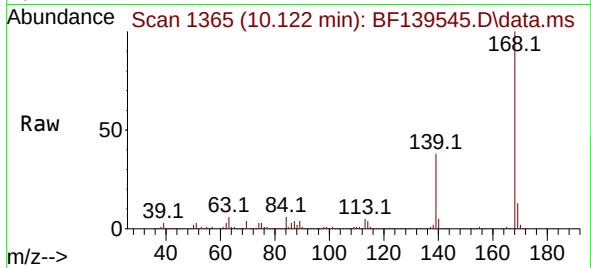
#55
Dibenzofuran
Concen: 49.039 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :
BNA_F
ClientSampleId :
VNJ231MSD

Tgt Ion:168 Resp: 48641
Ion Ratio Lower Upper
168 100
139 38.3 34.1 51.1
169 13.4 10.5 15.7

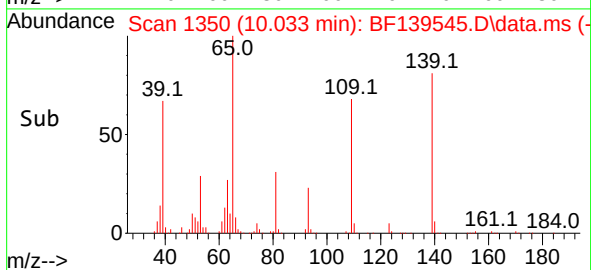
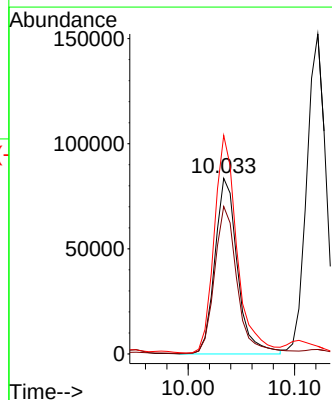
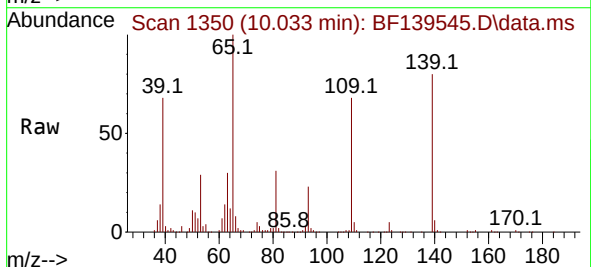
Manual Integrations
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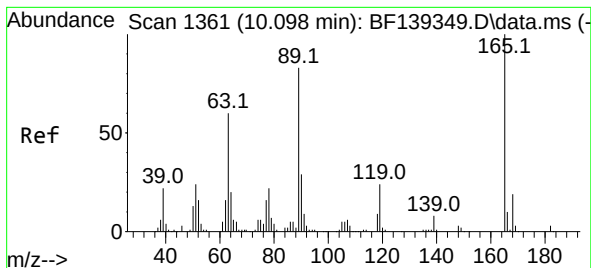
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#56
4-Nitrophenol
Concen: 86.734 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

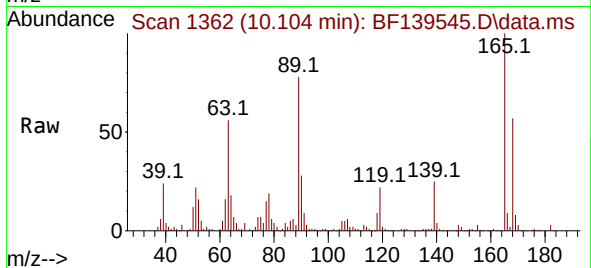
Tgt Ion:139 Resp: 122805
Ion Ratio Lower Upper
139 100
109 84.0 84.1 124.1#
65 124.4 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 46.474 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

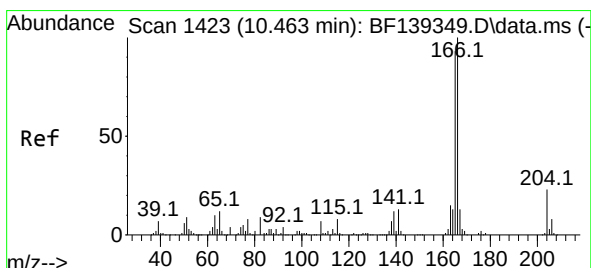
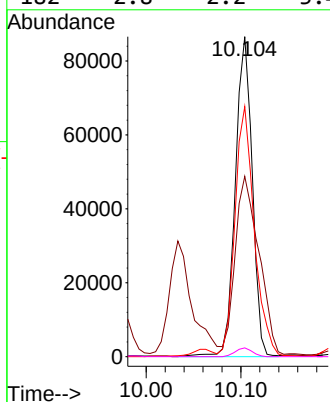
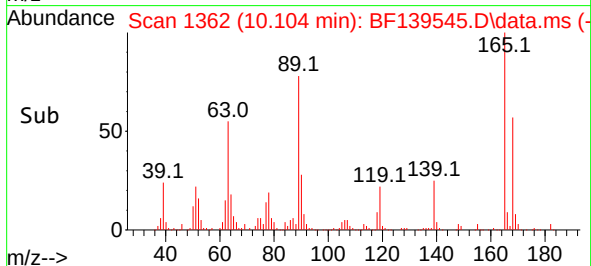
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



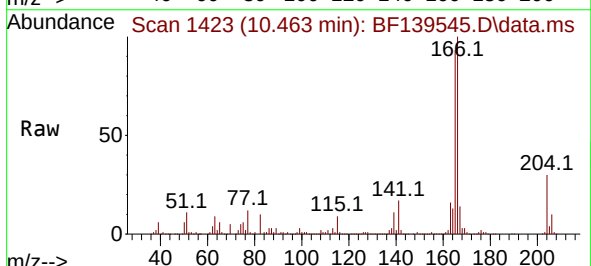
Tgt Ion:165 Resp: 107429
Ion Ratio Lower Upper
165 100
63 56.3 47.8 71.6
89 78.1 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations
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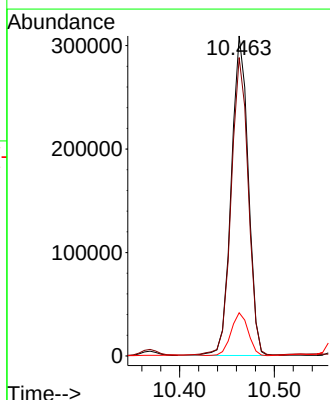
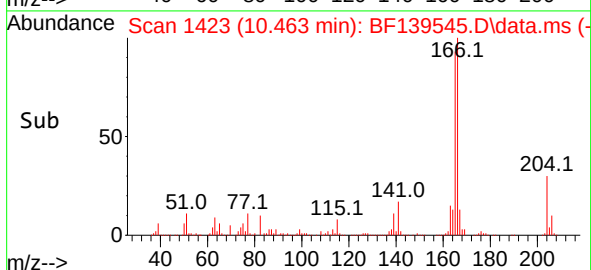
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

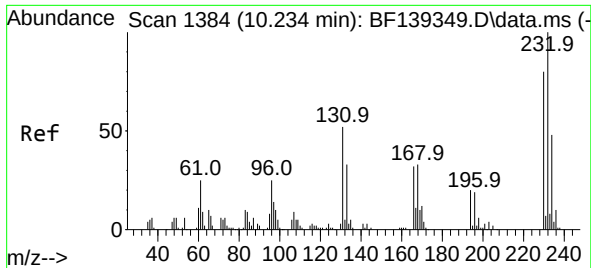


#58
Fluorene
Concen: 47.470 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



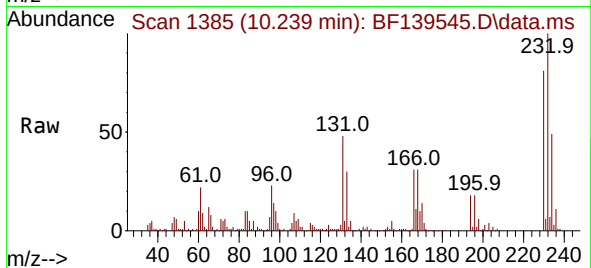
Tgt Ion:166 Resp: 384169
Ion Ratio Lower Upper
166 100
165 93.2 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.298 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

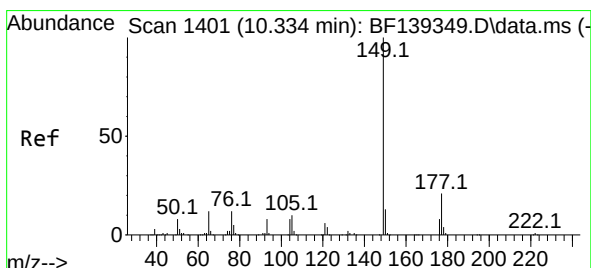
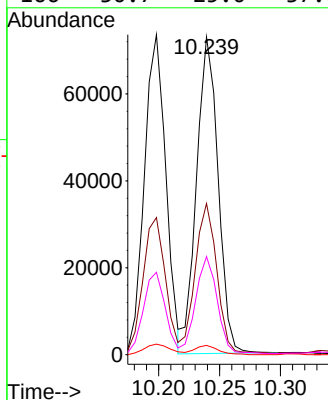
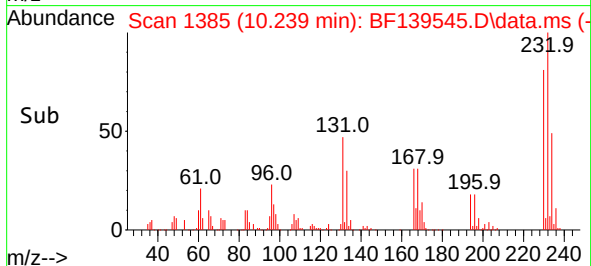
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion:232 Resp: 8974
Ion Ratio Lower Upper
232 100
131 48.0 40.7 61.1
130 3.1 2.2 3.2
166 30.7 25.0 37.6

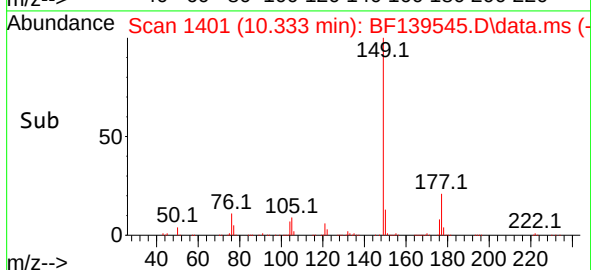
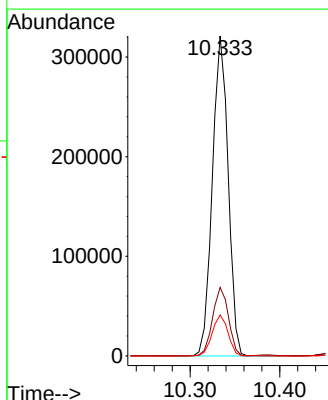
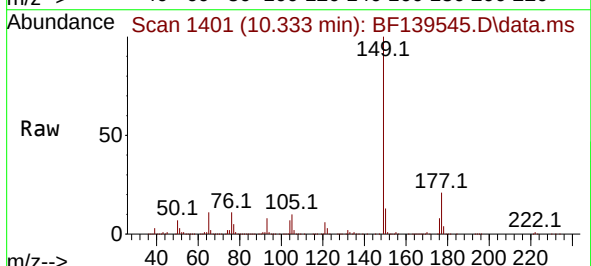
Manual Integrations
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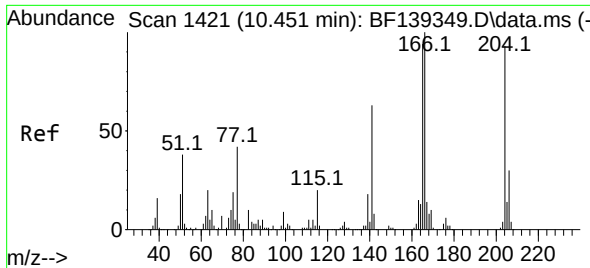
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#60
Diethylphthalate
Concen: 49.247 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

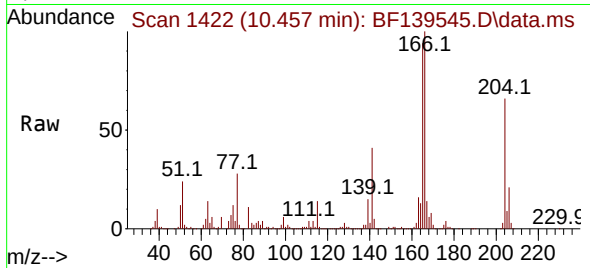
Tgt Ion:149 Resp: 392787
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

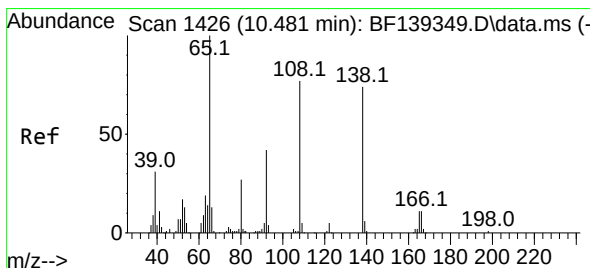
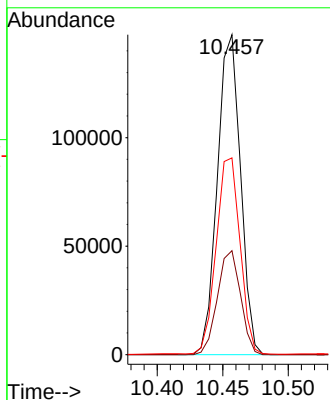
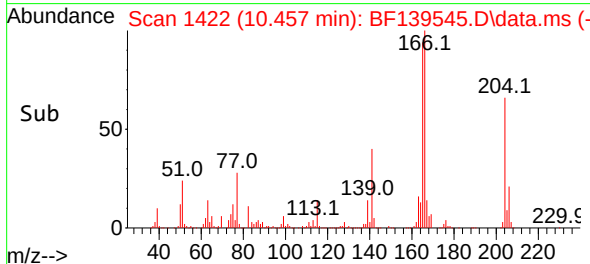
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion:204 Resp: 18072
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 61.5 53.9 80.9

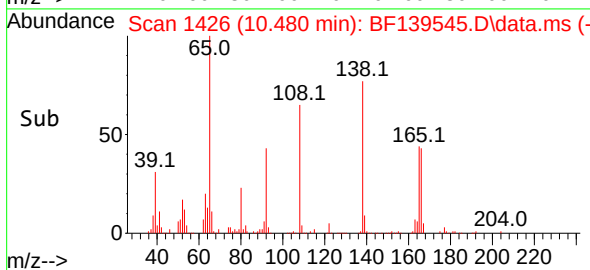
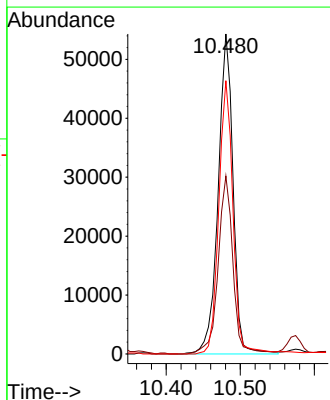
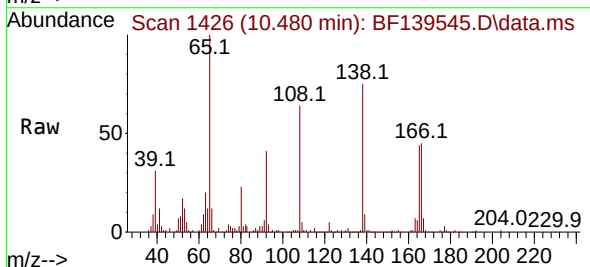
Manual Integrations
APPROVED

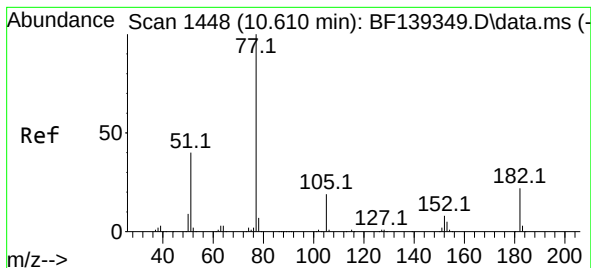
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#62
4-Nitroaniline
Concen: 40.884 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:138 Resp: 76351
Ion Ratio Lower Upper
138 100
92 55.6 37.0 77.0
108 85.4 84.4 124.4





#63

Azobenzene

Concen: 56.586 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139545.D

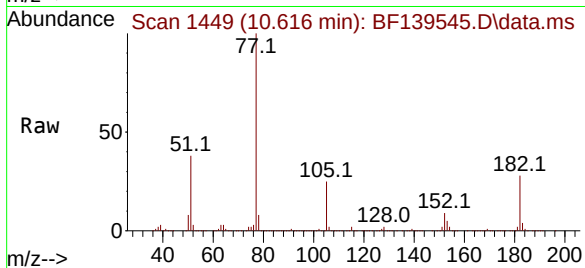
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD



Tgt Ion: 77 Resp: 443900

Ion Ratio Lower Upper

77 100

182 27.6 1.8 41.8

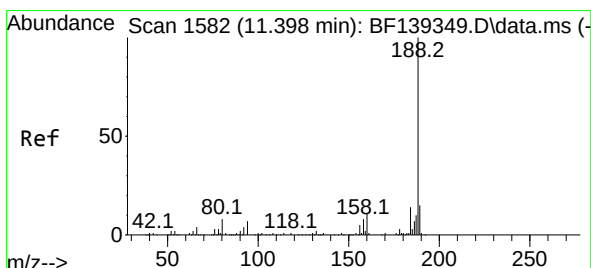
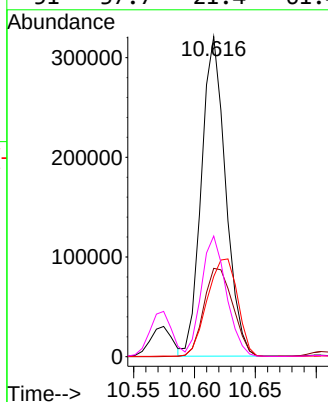
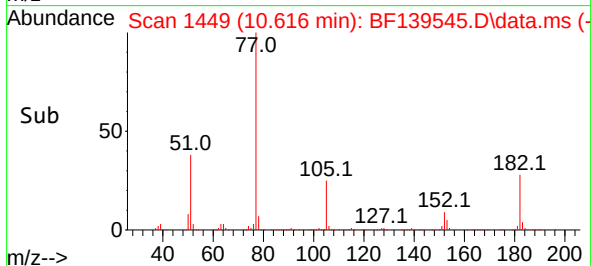
105 25.1 0.0 38.6

51 37.7 21.4 61.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

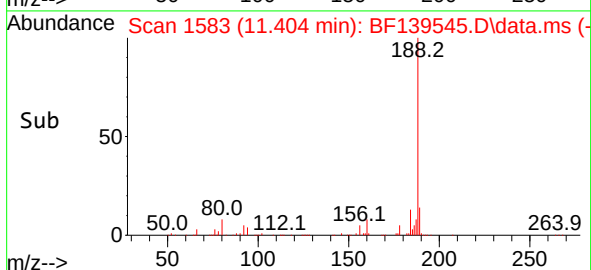
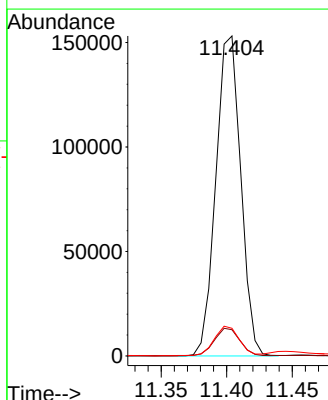
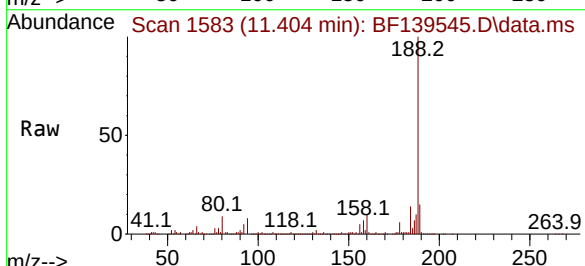
Tgt Ion:188 Resp: 202183

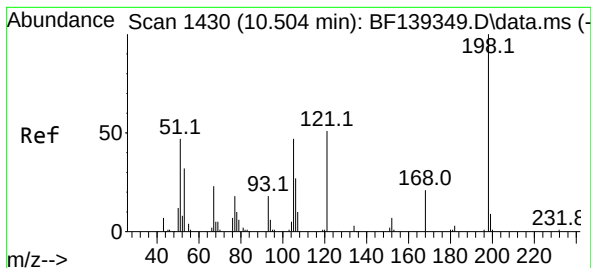
Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

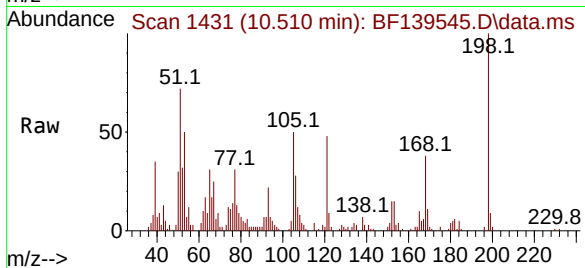
80 8.6 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 15.996 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

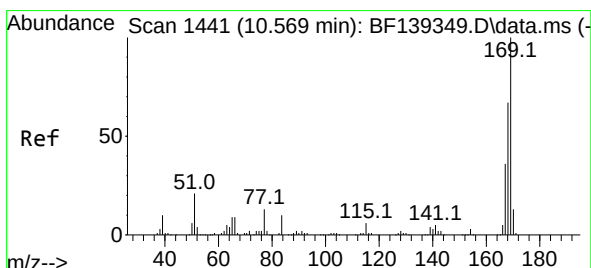
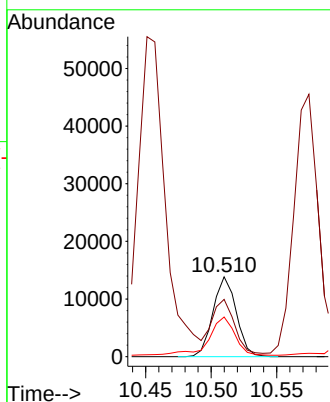
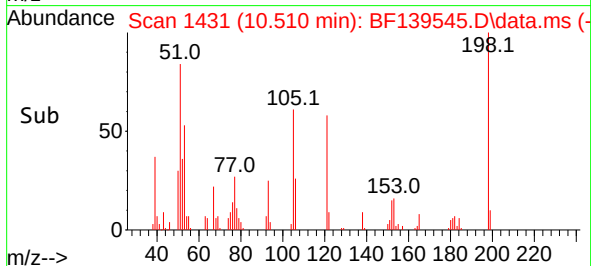
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



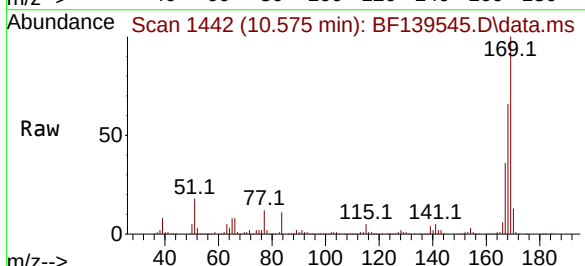
Tgt Ion:198 Resp: 17069
Ion Ratio Lower Upper
198 100
51 71.9 50.4 90.4
105 49.8 28.3 68.3

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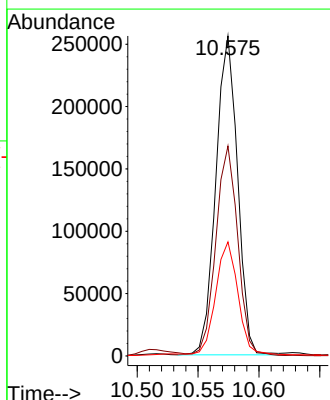
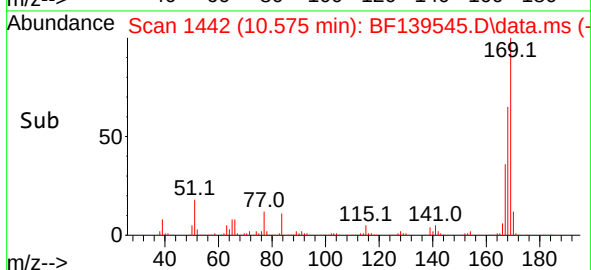
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

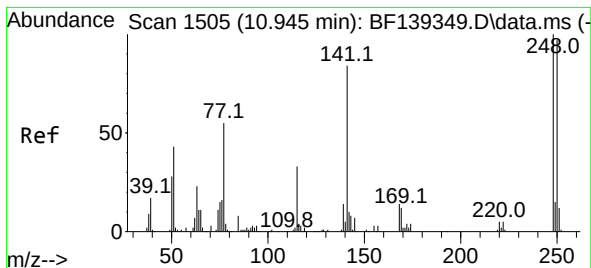


#66
n-Nitrosodiphenylamine
Concen: 53.796 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



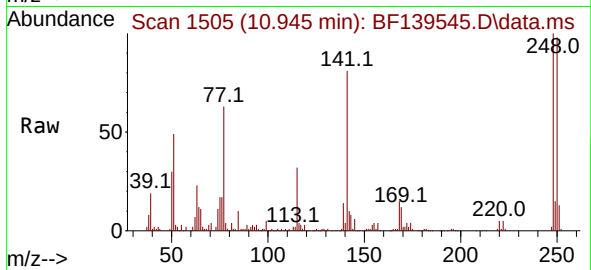
Tgt Ion:169 Resp: 317996
Ion Ratio Lower Upper
169 100
168 65.6 53.6 80.4
167 35.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 51.206 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

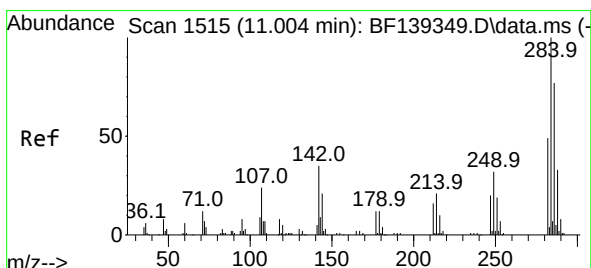
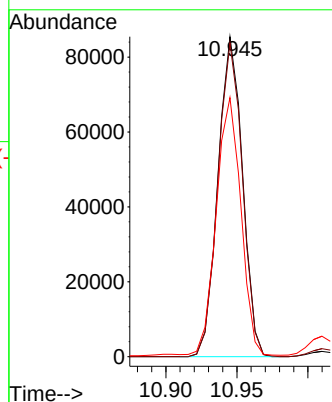
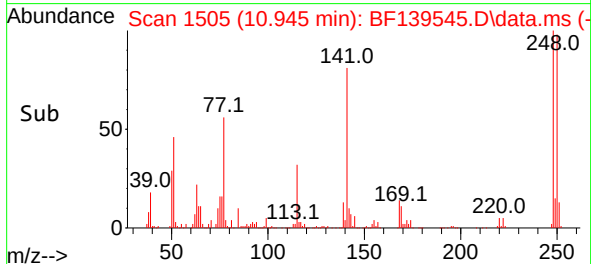
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



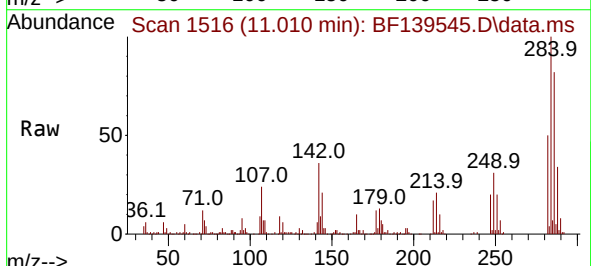
Tgt Ion:248 Resp: 10259
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 81.0 66.9 100.3

Manual Integrations
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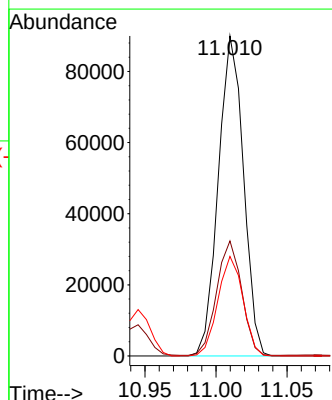
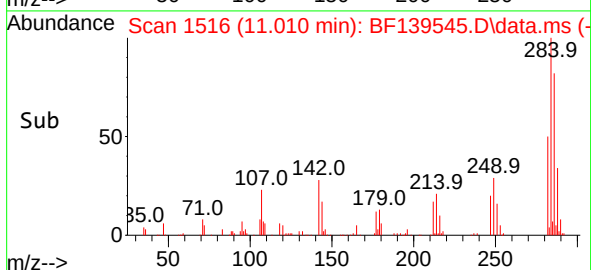
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

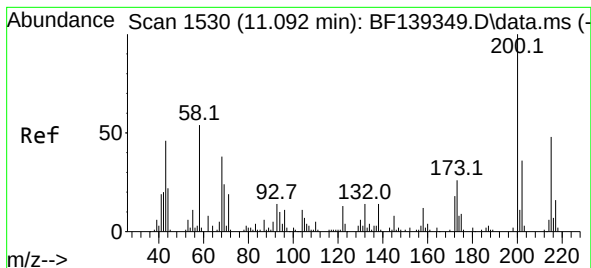


#68
Hexachlorobenzene
Concen: 47.061 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



Tgt Ion:284 Resp: 110663
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 31.1 25.3 37.9





#69

Atrazine

Concen: 69.774 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

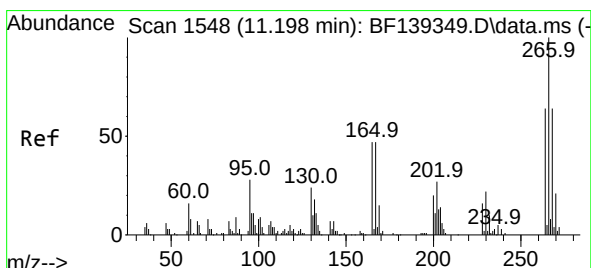
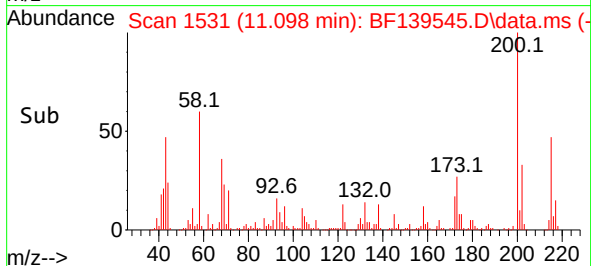
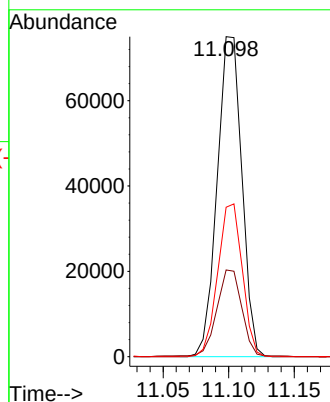
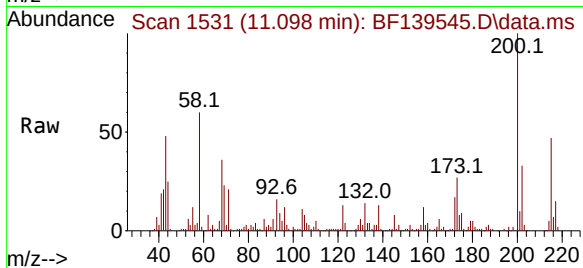
Tgt Ion:200 Resp: 98190

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.1	46.1
215	46.7	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#70

Pentachlorophenol

Concen: 89.427 ng

RT: 11.210 min Scan# 1550

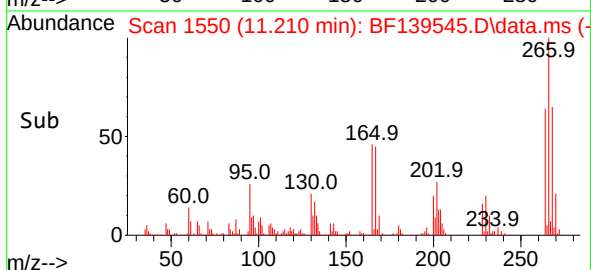
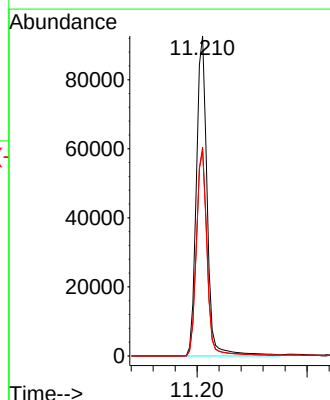
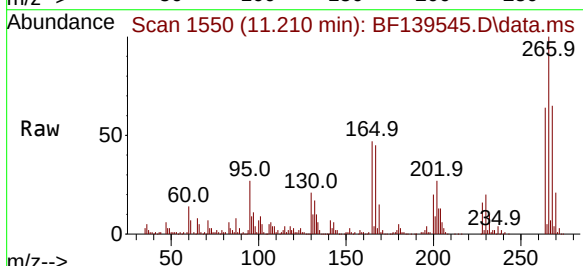
Delta R.T. 0.012 min

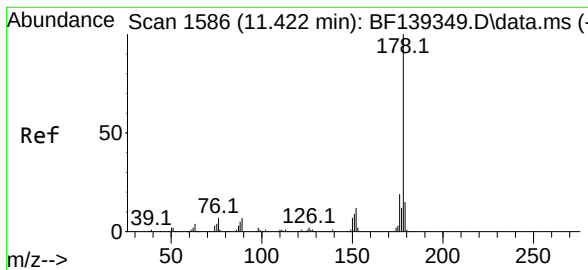
Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Tgt Ion:266 Resp: 126179

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	64.1	51.4	77.0





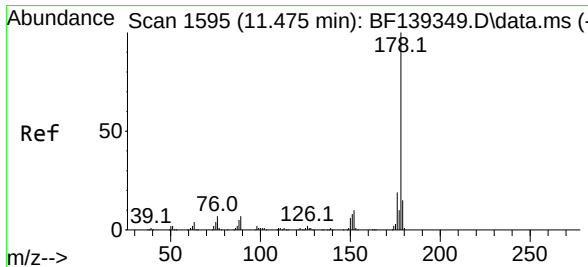
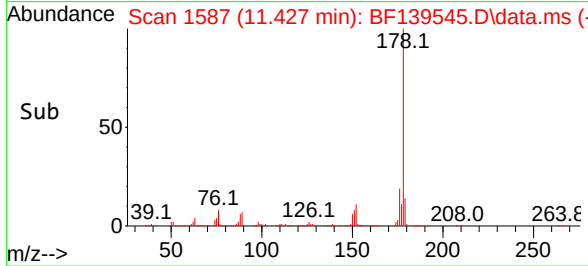
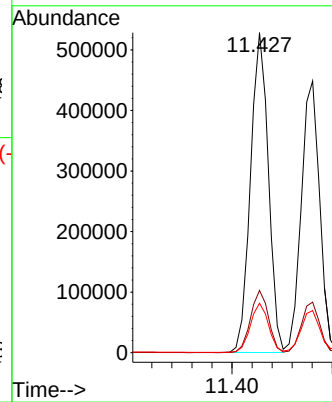
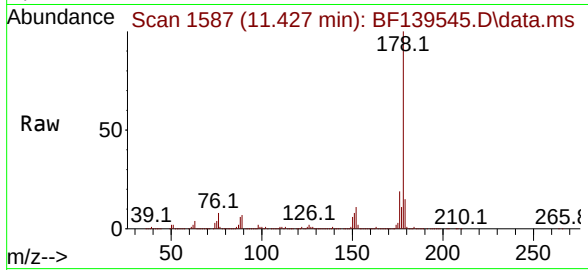
#71
 Phenanthrene
 Concen: 67.003 ng
 RT: 11.427 min Scan# 1586
 Delta R.T. 0.006 min
 Lab File: BF139545.D
 Acq: 25 Sep 2024 23:05

Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MSD

Tgt Ion:	178	Resp:	653580
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.2	22.8
179	15.5	12.2	18.4

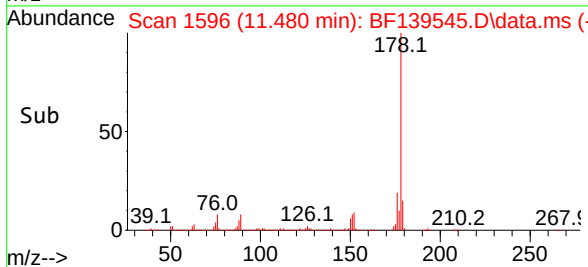
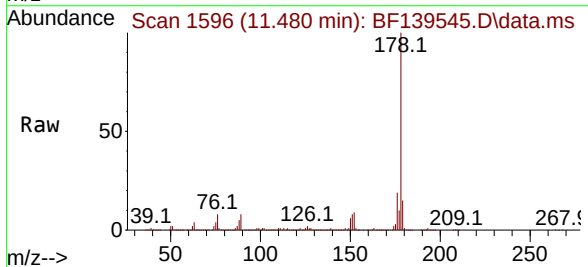
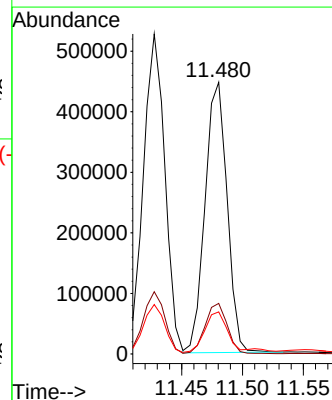
Manual Integrations
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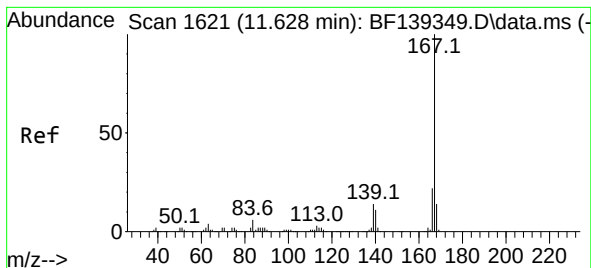
Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#72
 Anthracene
 Concen: 59.064 ng
 RT: 11.480 min Scan# 1596
 Delta R.T. 0.006 min
 Lab File: BF139545.D
 Acq: 25 Sep 2024 23:05

Tgt Ion:	178	Resp:	563302
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.0	22.6
179	15.5	12.0	18.0





#73

Carbazole

Concen: 52.836 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

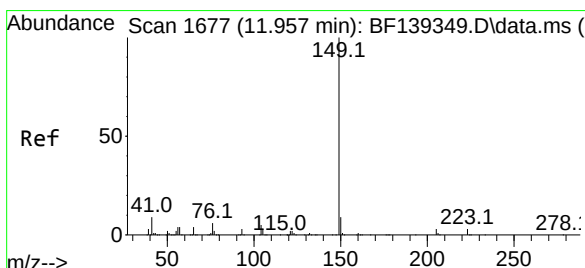
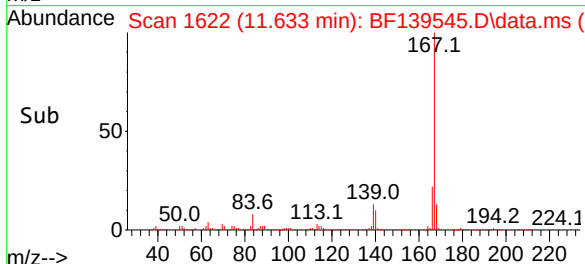
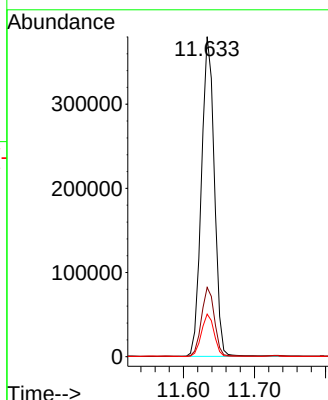
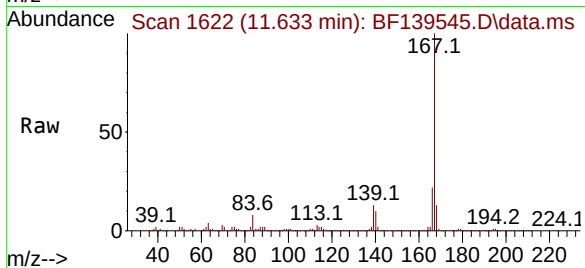
VNJ231MSD

Tgt Ion:	167	Resp:	482284
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.5	26.3
139	13.3	10.9	16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#74

Di-n-butylphthalate

Concen: 55.689 ng

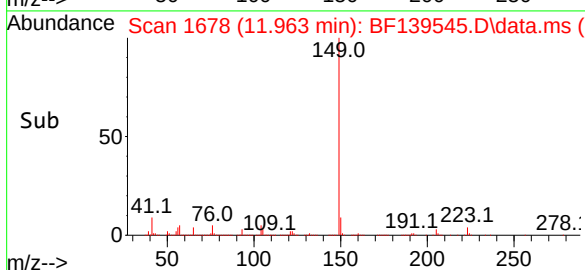
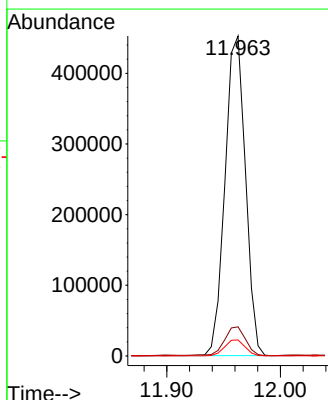
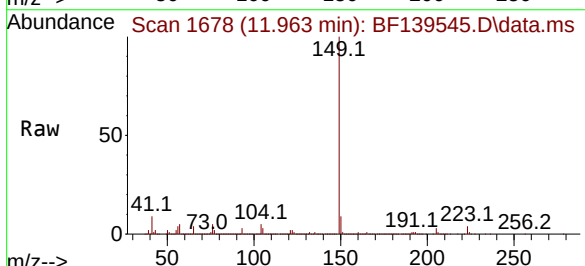
RT: 11.963 min Scan# 1678

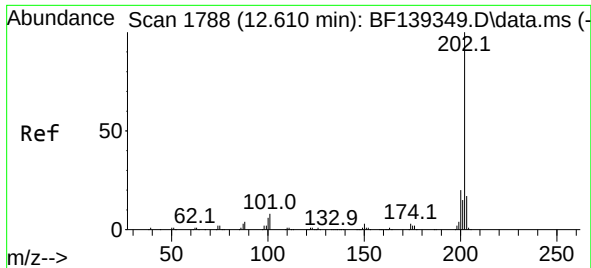
Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

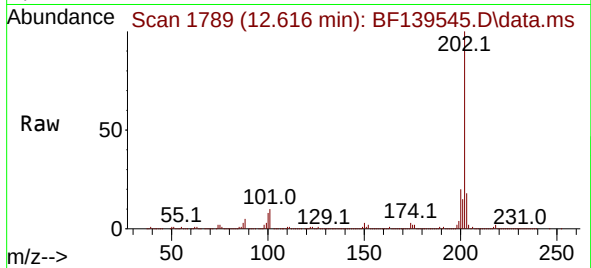
Tgt Ion:	149	Resp:	566260
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	5.0	4.3	6.5





#75
Fluoranthene
Concen: 97.993 ng
RT: 12.616 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

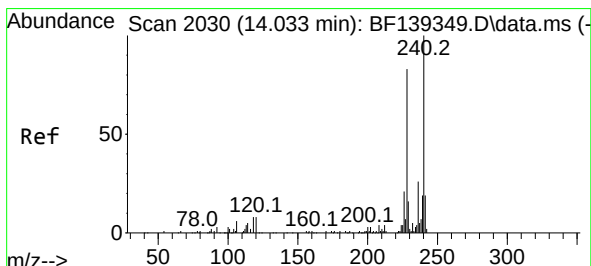
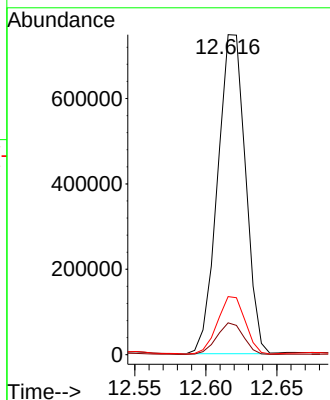
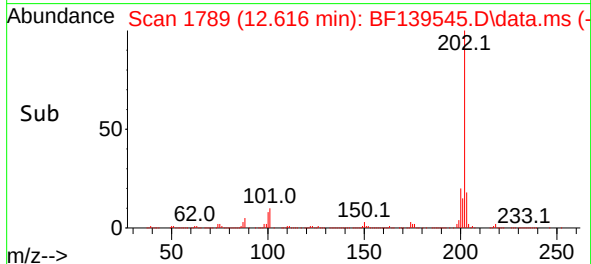
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



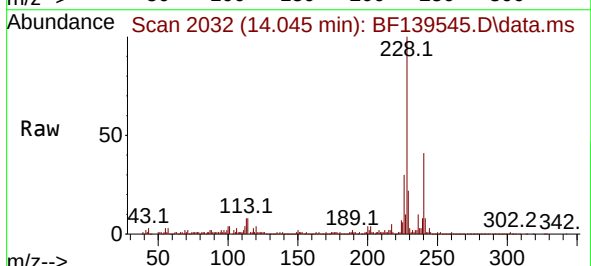
Tgt Ion:202 Resp: 1020790
Ion Ratio Lower Upper
202 100
101 9.9 0.0 27.7
203 18.1 0.0 37.4

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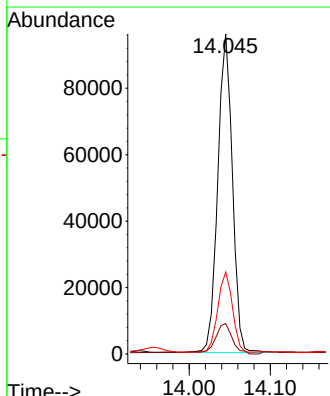
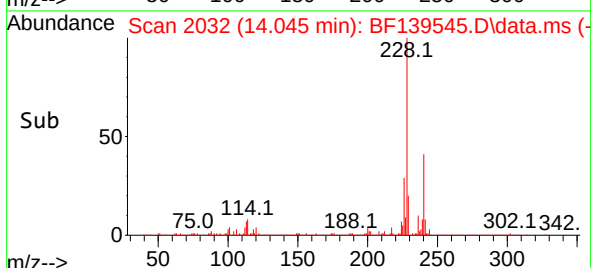
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

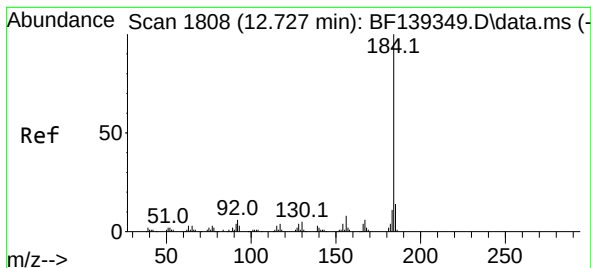


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05



Tgt Ion:240 Resp: 120225
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.6 20.9 31.3





#77

Benzidine

Concen: 66.305 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion:184 Resp: 114208

Ion Ratio Lower Upper

184 100

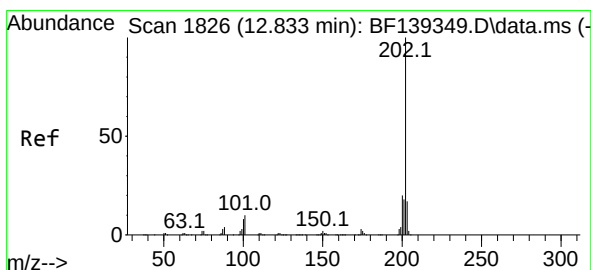
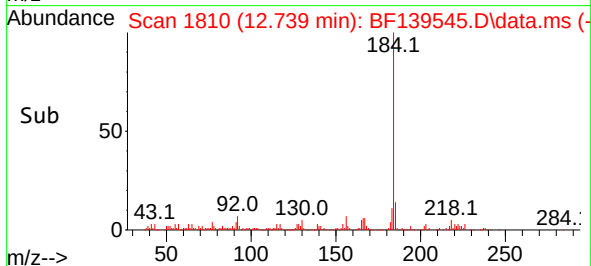
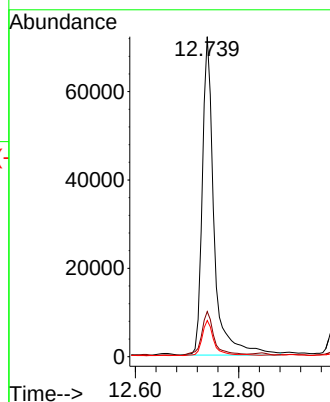
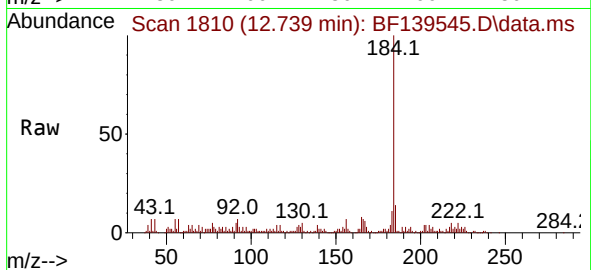
185 14.1 11.5 17.3

183 11.3 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#78

Pyrene

Concen: 106.532 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.018 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

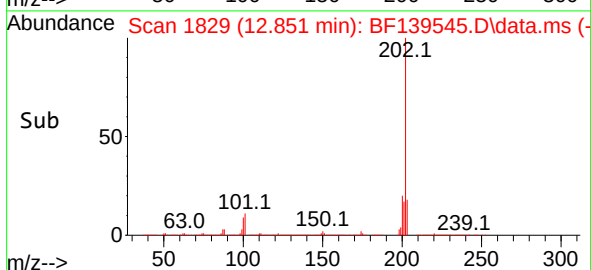
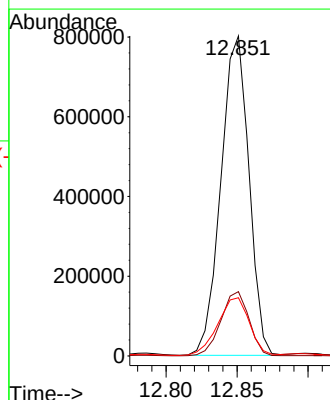
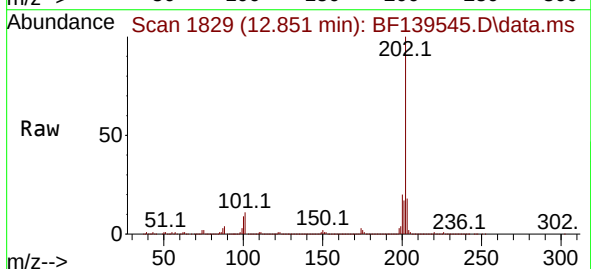
Tgt Ion:202 Resp: 1099725

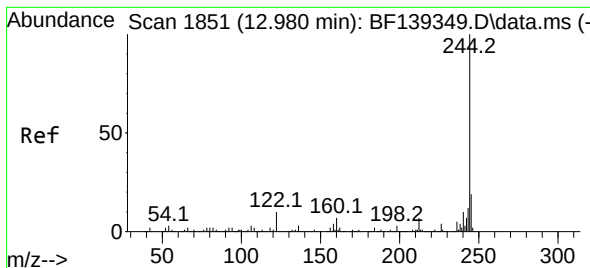
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 18.2 13.9 20.9





#79

Terphenyl-d14

Concen: 75.050 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion:244 Resp: 549709

Ion Ratio Lower Upper

244 100

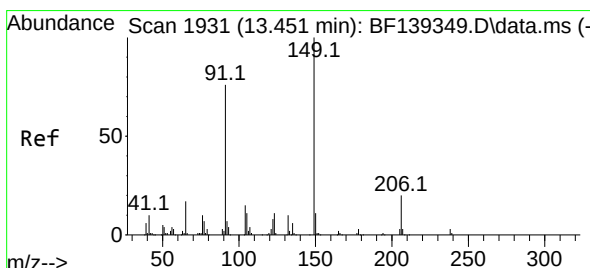
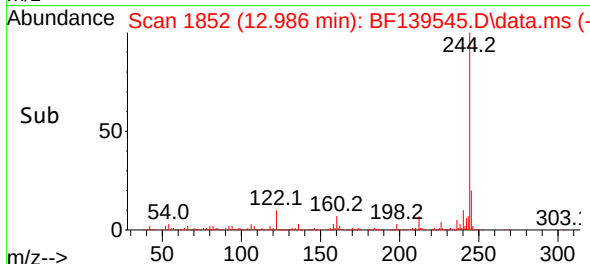
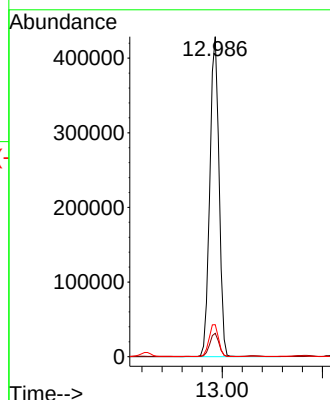
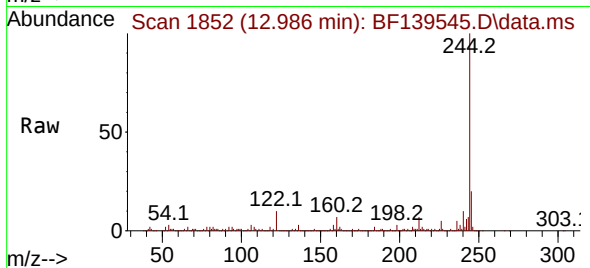
212 7.3 6.0 9.0

122 10.0 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#80

Butylbenzylphthalate

Concen: 64.607 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

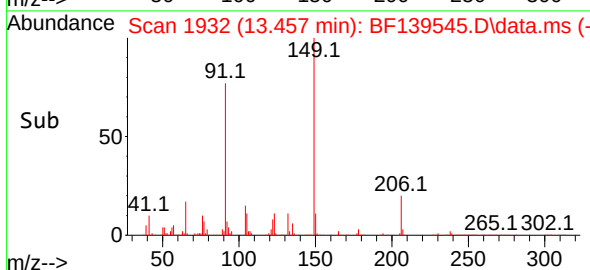
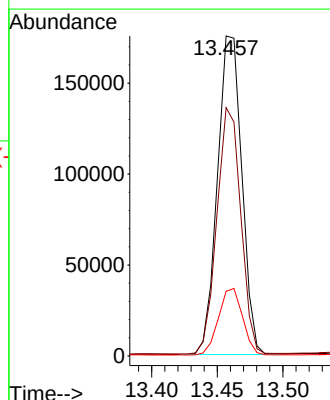
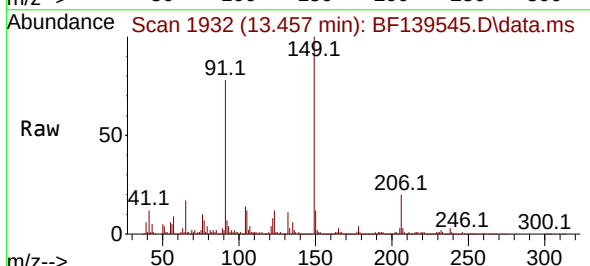
Tgt Ion:149 Resp: 227009

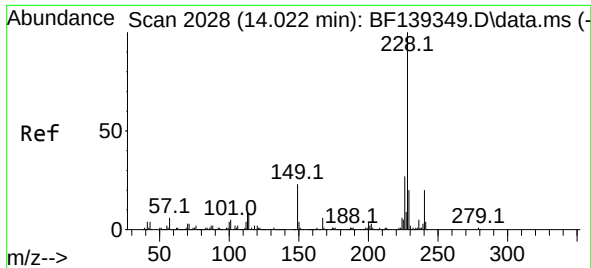
Ion Ratio Lower Upper

149 100

91 77.6 60.9 91.3

206 20.2 15.8 23.8





#81
Benzo(a)anthracene
Concen: 84.239 ng
RT: 14.033 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

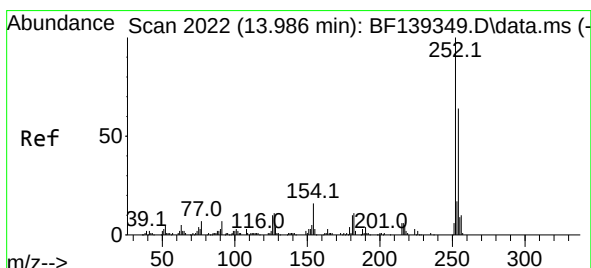
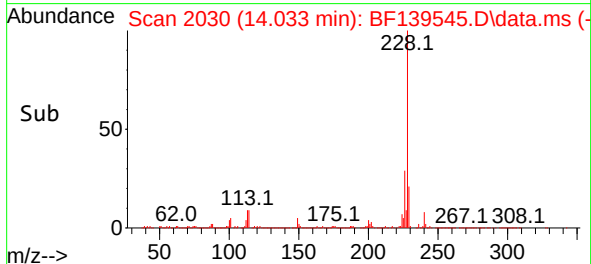
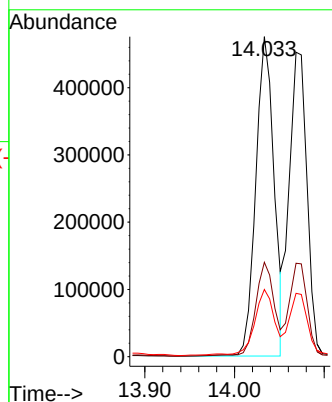
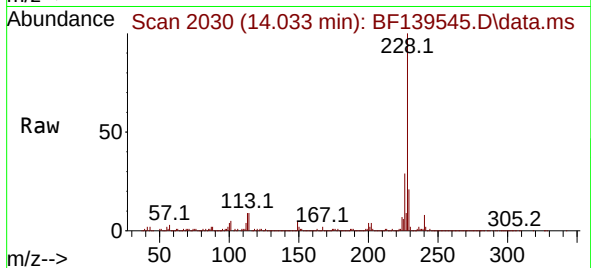
VNJ231MSD

Tgt Ion:228 Resp: 670854
Ion Ratio Lower Upper
228 100
226 29.5 21.6 32.4
229 21.0 15.7 23.5

Manual Integrations

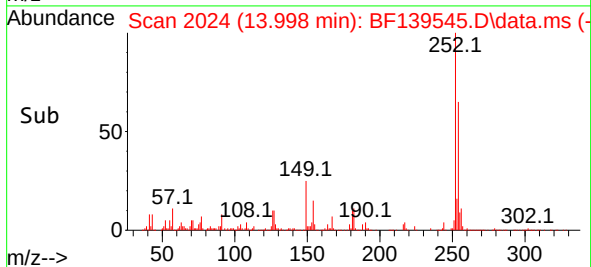
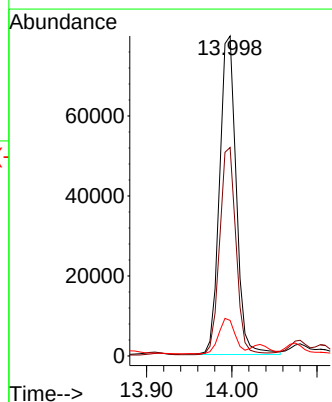
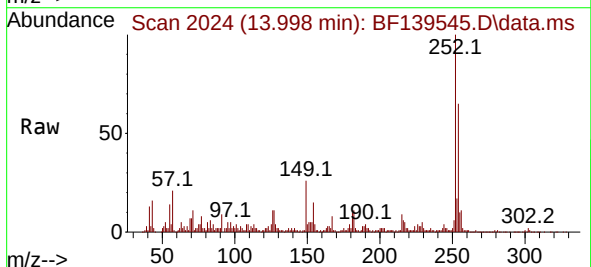
APPROVED

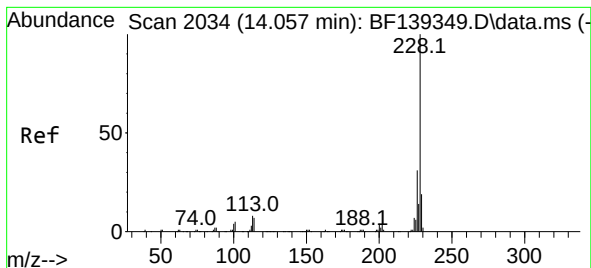
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 46.437 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.012 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:252 Resp: 108298
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 11.1 7.7 11.5





#83

Chrysene

Concen: 84.490 ng

RT: 14.068 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

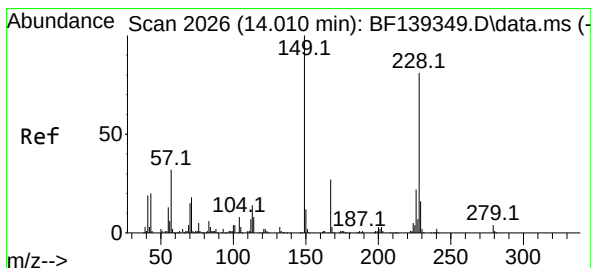
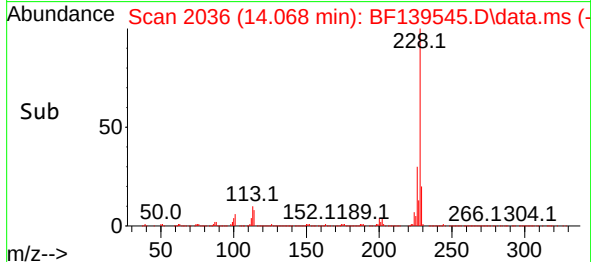
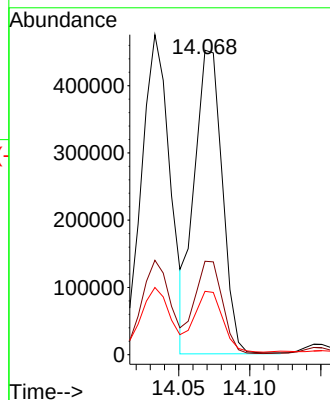
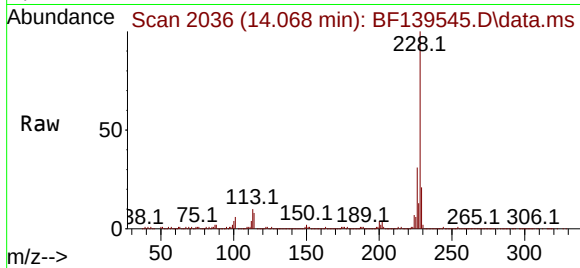
VNJ231MSD

Tgt Ion:	228	Resp:	61902
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	20.8	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.339 ng

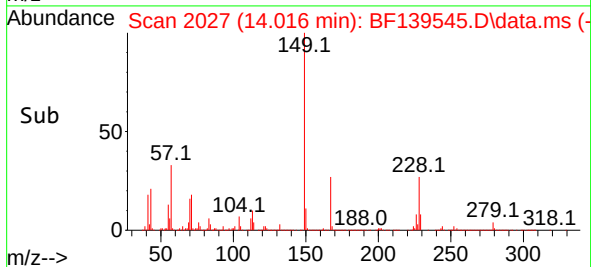
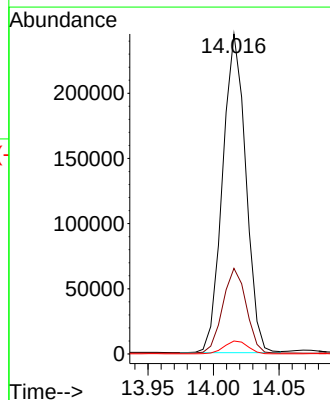
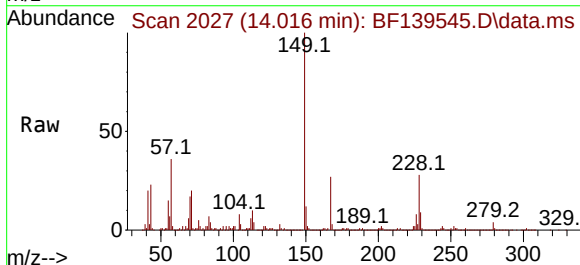
RT: 14.016 min Scan# 2027

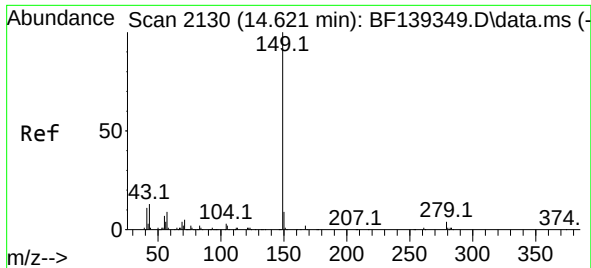
Delta R.T. 0.006 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

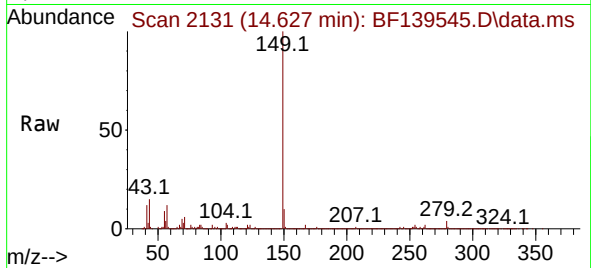
Tgt Ion:	149	Resp:	300998
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.6	32.4
279	4.1	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 68.986 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

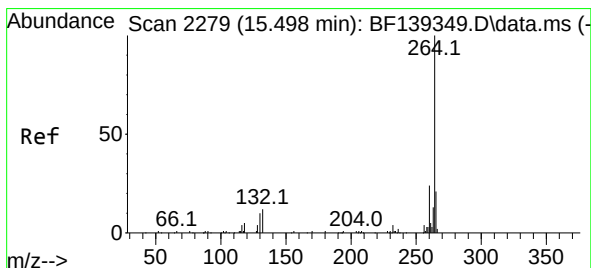
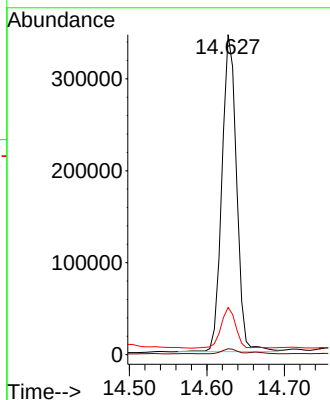
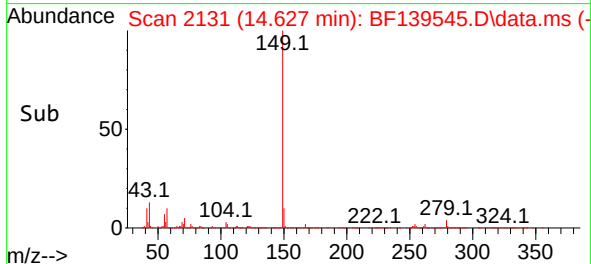
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion:149 Resp: 454129
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 12.6 10.6 16.0

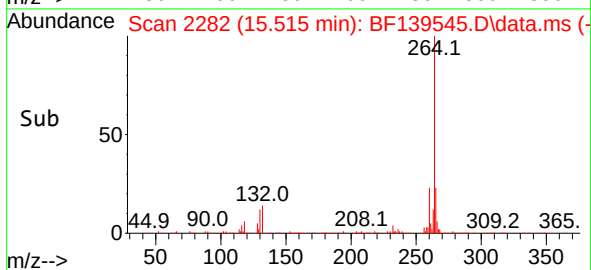
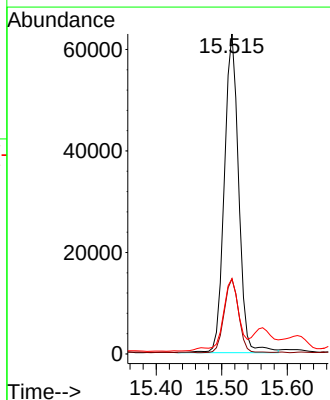
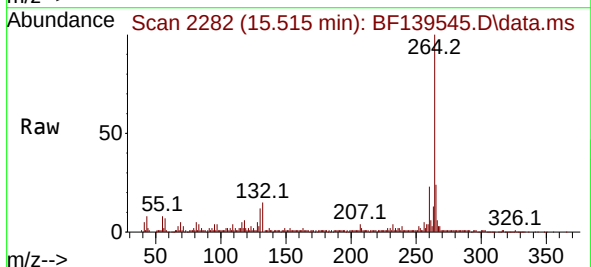
Manual Integrations
APPROVED

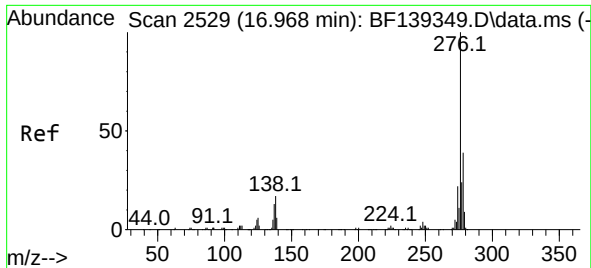
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

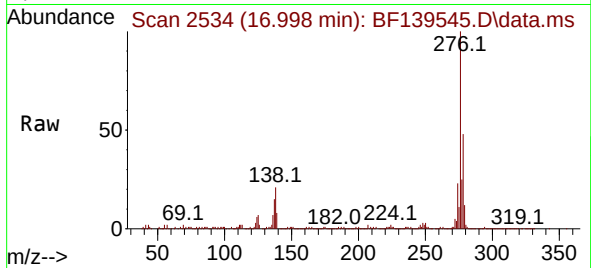
Tgt Ion:264 Resp: 95144
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 23.5 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.250 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

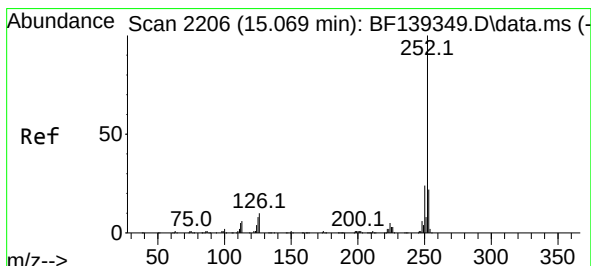
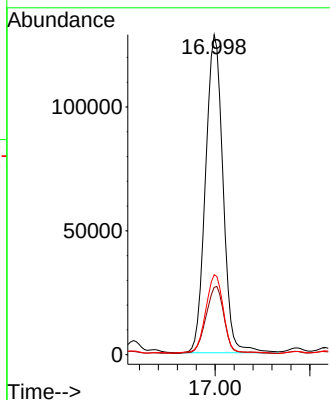
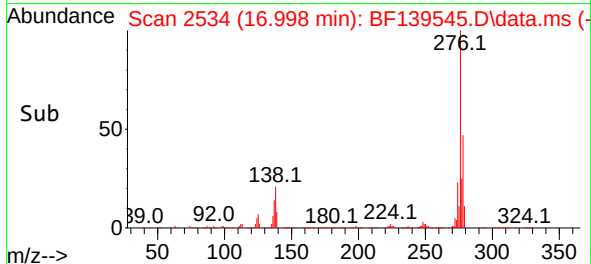
Instrument :
BNA_F
ClientSampleId :
VNJ231MSD



Tgt Ion:276 Resp: 32955
Ion Ratio Lower Upper
276 100
138 21.5 15.4 23.2
277 24.7 20.4 30.6

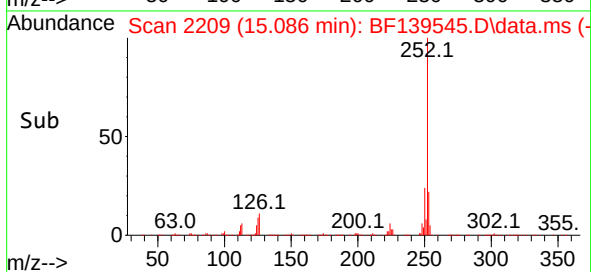
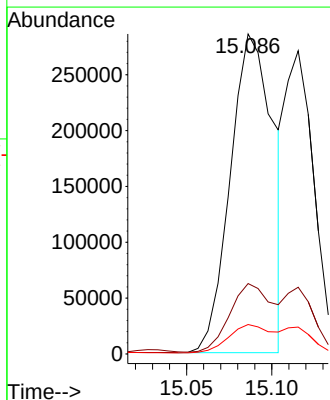
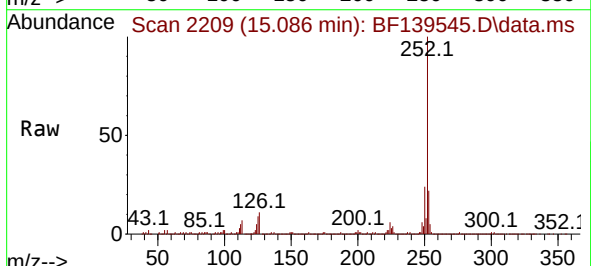
Manual Integrations
APPROVED

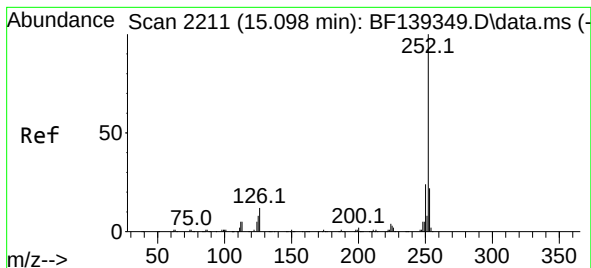
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#88
Benzo(b)fluoranthene
Concen: 85.597 ng
RT: 15.086 min Scan# 2209
Delta R.T. 0.018 min
Lab File: BF139545.D
Acq: 25 Sep 2024 23:05

Tgt Ion:252 Resp: 502271
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 57.979 ng m

RT: 15.115 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion:252 Resp: 31368

Ion Ratio Lower Upper

252 100

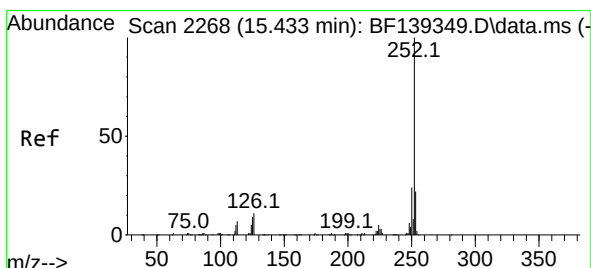
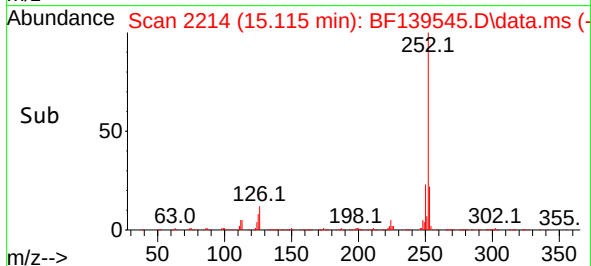
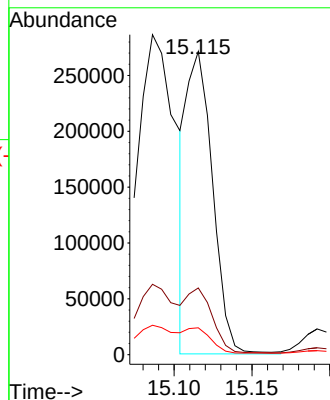
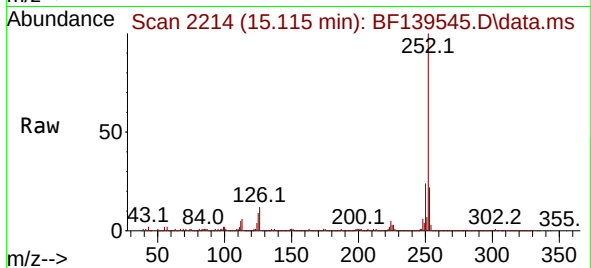
253 22.0 17.3 25.9

125 8.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#90

Benzo(a)pyrene

Concen: 79.865 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.023 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

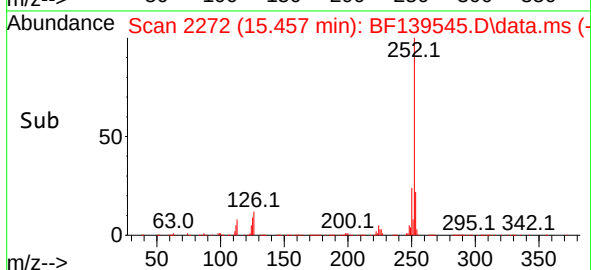
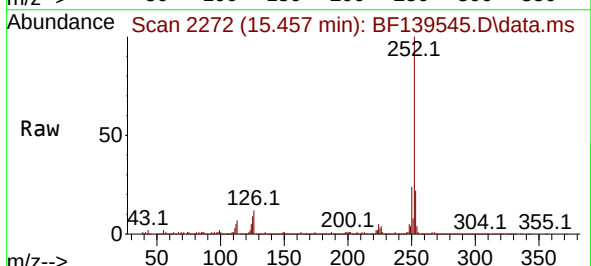
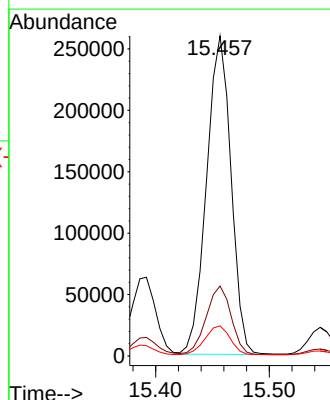
Tgt Ion:252 Resp: 388663

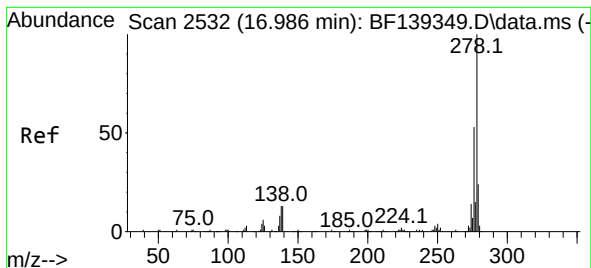
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.4 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 48.782 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Instrument :

BNA_F

ClientSampleId :

VNJ231MSD

Tgt Ion:278 Resp: 228050

Ion Ratio Lower Upper

278 100

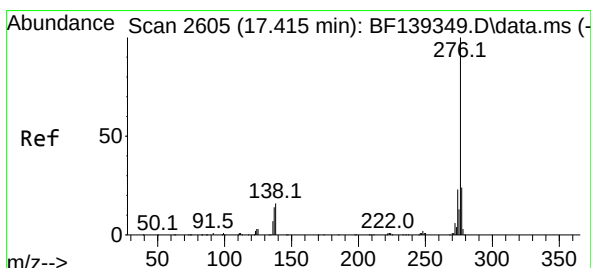
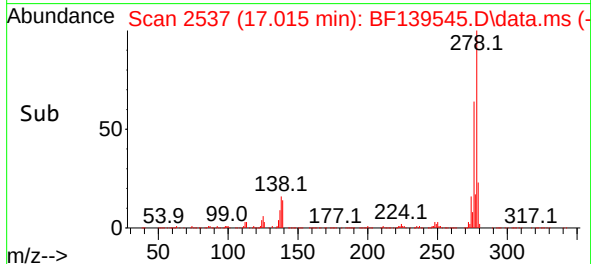
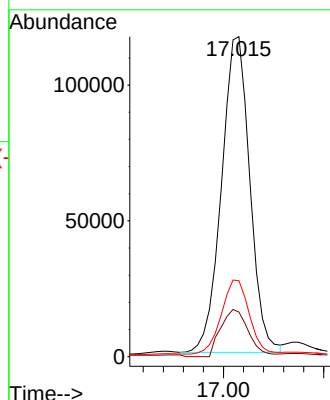
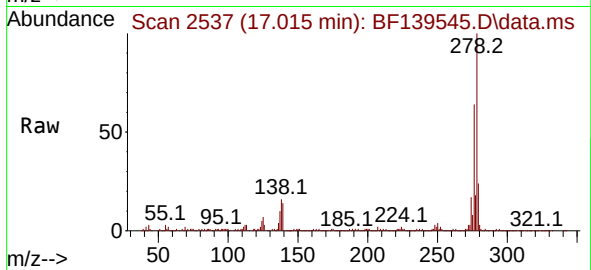
139 13.9 10.2 15.2

279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#92

Benzo(g,h,i)perylene

Concen: 55.655 ng

RT: 17.445 min Scan# 2610

Delta R.T. 0.029 min

Lab File: BF139545.D

Acq: 25 Sep 2024 23:05

Tgt Ion:276 Resp: 257618

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 19.9 13.0 19.6#

