

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139544.D
 Acq On : 25 Sep 2024 22:37
 Operator : RC/JU
 Sample : P4178-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MS

Quant Time: Sep 26 01:30:35 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72390	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	259290	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	123749	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	204540	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	122880	20.000	ng	# 0.01
86) Perylene-d12	15.515	264	98310	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	403781	90.994	ng	0.01
7) Phenol-d6	6.510	99	524395	90.034	ng	0.00
23) Nitrobenzene-d5	7.440	82	344384	62.440	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	100081	75.965	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	589179	66.775	ng	0.00
79) Terphenyl-d14	12.986	244	503624	67.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	77657	43.620	ng	97
3) Pyridine	3.446	79	197834	50.401	ng	98
4) n-Nitrosodimethylamine	3.405	42	140557	41.314	ng	# 81
6) Aniline	6.540	93	180400	41.042	ng	# 72
8) 2-Chlorophenol	6.663	128	213586	46.759	ng	98
9) Benzaldehyde	6.428	77	38682	11.495	ng	99
10) Phenol	6.528	94	275366	46.420	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	211852	46.987	ng	98
12) 1,3-Dichlorobenzene	6.822	146	226949	43.688	ng	97
13) 1,4-Dichlorobenzene	6.898	146	230298	43.870	ng	98
14) 1,2-Dichlorobenzene	7.045	146	217253	43.797	ng	99
15) Benzyl Alcohol	7.022	79	198989	42.822	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	376025	54.116	ng	95
17) 2-Methylphenol	7.134	107	169593	46.731	ng	97
18) Hexachloroethane	7.387	117	78642	39.331	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	158617	45.956	ng	97
20) 3+4-Methylphenols	7.287	107	213424	43.105	ng	# 85
22) Acetophenone	7.287	105	299661	44.207	ng	97
24) Nitrobenzene	7.463	77	240391	42.348	ng	96
25) Isophorone	7.698	82	413908	47.451	ng	99
26) 2-Nitrophenol	7.775	139	105057	47.503	ng	92
27) 2,4-Dimethylphenol	7.816	122	166204m	56.973	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	247898	49.866	ng	98
29) 2,4-Dichlorophenol	8.022	162	167783	45.273	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181245	41.973	ng	99
31) Naphthalene	8.181	128	606727	44.822	ng	99
32) Benzoic acid	7.922	122	94399	34.578	ng	93
33) 4-Chloroaniline	8.234	127	51237	12.373	ng	97
34) Hexachlorobutadiene	8.298	225	119989	40.900	ng	100
35) Caprolactam	8.598	113	51058	44.787	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	171116	40.401	ng	96
37) 2-Methylnaphthalene	8.875	142	382661	44.537	ng	98
38) 1-Methylnaphthalene	8.975	142	341499	40.484	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	176490	48.122	ng	99
41) Hexachlorocyclopentadiene	9.022	237	69956	54.630	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	113270	47.471	ng	99

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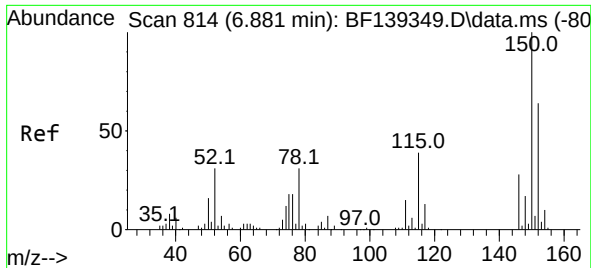
Manual Integrations
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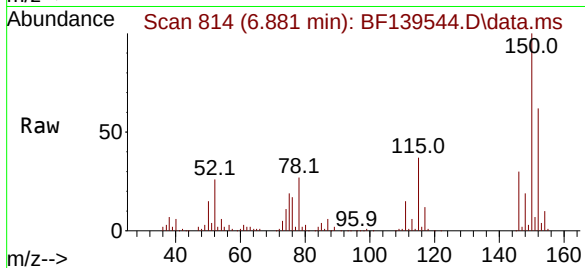
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	114598	45.531	ng	97
46) 1,1'-Biphenyl	9.334	154	459770	48.293	ng	99
47) 2-Chloronaphthalene	9.363	162	331931	46.630	ng	98
48) 2-Nitroaniline	9.457	65	123821	46.767	ng	99
49) Acenaphthylene	9.775	152	572687	53.446	ng	99
50) Dimethylphthalate	9.634	163	392869	48.370	ng	100
51) 2,6-Dinitrotoluene	9.698	165	80211	44.579	ng	92
52) Acenaphthene	9.951	154	336545	45.002	ng	99
53) 3-Nitroaniline	9.869	138	61974	34.464	ng	91
54) 2,4-Dinitrophenol	9.975	184	19503	19.452	ng	89
55) Dibenzofuran	10.122	168	476339	45.698	ng	95
56) 4-Nitrophenol	10.033	139	114945	77.252	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	101623	41.834	ng	98
58) Fluorene	10.463	166	371185	43.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87579	42.064	ng	95
60) Diethylphthalate	10.333	149	380643	45.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	175177	42.383	ng	94
62) 4-Nitroaniline	10.481	138	70787	36.069	ng	89
63) Azobenzene	10.616	77	426516	51.737	ng	89
65) 4,6-Dinitro-2-methylph...	10.510	198	15796	14.632	ng	94
66) n-Nitrosodiphenylamine	10.575	169	304066	50.847	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97399	48.052	ng	97
68) Hexachlorobenzene	11.010	284	105661	44.416	ng	99
69) Atrazine	11.098	200	93286	65.525	ng	97
70) Pentachlorophenol	11.204	266	115096	80.632	ng	98
71) Phenanthrene	11.428	178	609954	61.810	ng	100
72) Anthracene	11.480	178	529128	54.841	ng	100
73) Carbazole	11.633	167	448133	48.529	ng	99
74) Di-n-butylphthalate	11.963	149	525015	51.037	ng	99
75) Fluoranthene	12.616	202	936828	88.896	ng	98
77) Benzidine	12.739	184	88619	50.337	ng	99
78) Pyrene	12.845	202	1007177	95.459	ng	98
80) Butylbenzylphthalate	13.457	149	205173	57.130	ng	99
81) Benzo(a)anthracene	14.033	228	632991	77.767	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	97529	40.915	ng	99
83) Chrysene	14.069	228	567863	75.832	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	269210	58.926	ng	100
85) Di-n-octyl phthalate	14.627	149	411155	61.109	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	311232	53.240	ng	97
88) Benzo(b)fluoranthene	15.086	252	480039m	79.173	ng	
89) Benzo(k)fluoranthene	15.116	252	283881	50.780	ng	# 97
90) Benzo(a)pyrene	15.457	252	360849	71.762	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	214855	44.479	ng	97
92) Benzo(g,h,i)perylene	17.445	276	245006	51.226	ng	# 97

(#) = 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: BF139544.D
 Acq: 25 Sep 2024 22:37

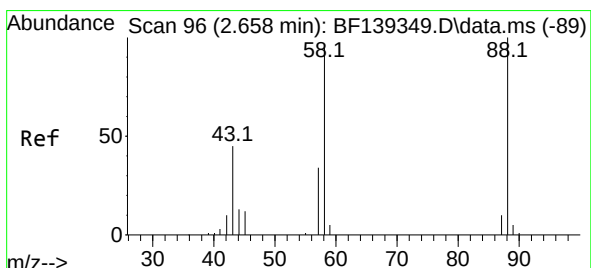
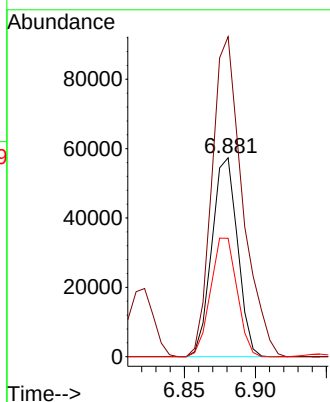
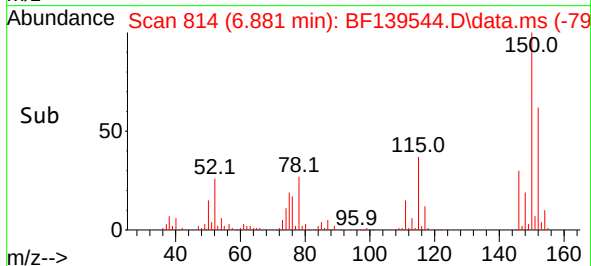
Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MS



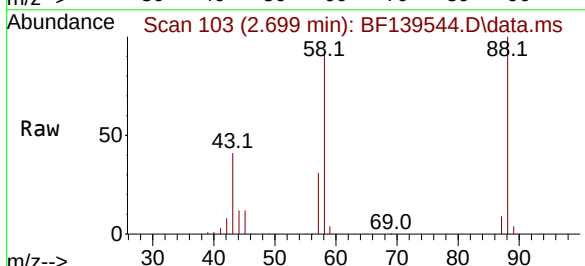
Tgt Ion:152 Resp: 72390
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.1 186.1
 115 59.5 48.1 72.1

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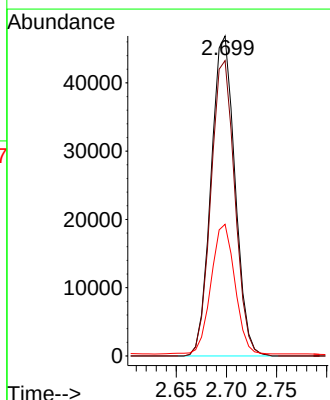
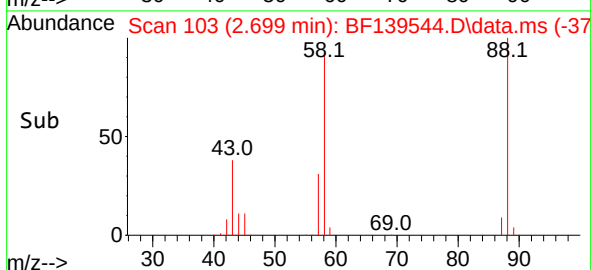
Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

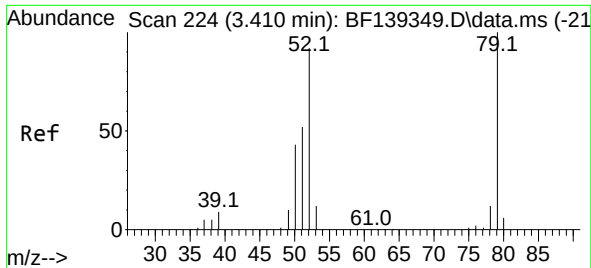


#2
 1,4-Dioxane
 Concen: 43.620 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.041 min
 Lab File: BF139544.D
 Acq: 25 Sep 2024 22:37



Tgt Ion: 88 Resp: 77657
 Ion Ratio Lower Upper
 88 100
 58 92.4 74.8 112.2
 43 40.3 36.4 54.6





#3

Pyridine

Concen: 50.401 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion: 79 Resp: 197834

Ion Ratio Lower Upper

79 100

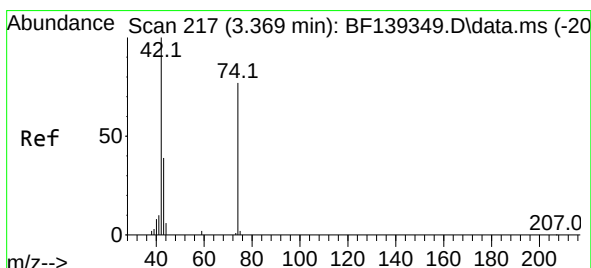
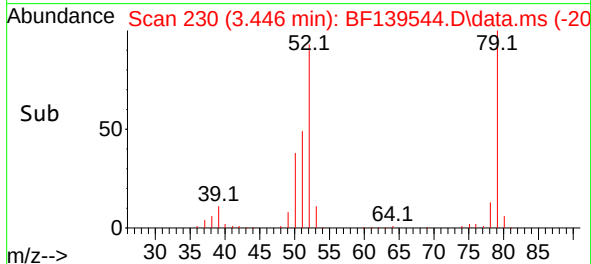
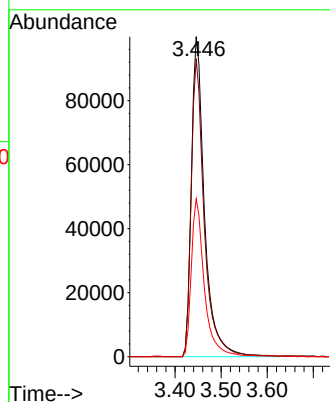
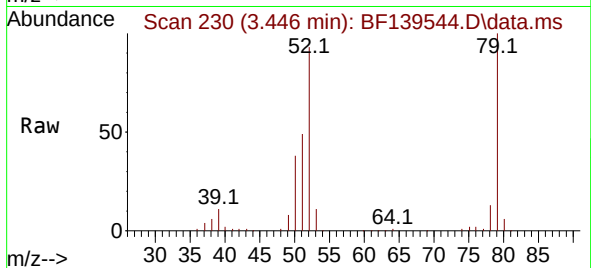
52 93.1 73.8 110.8

51 49.4 41.8 62.6

Manual Integrations

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Supervised By :mohammad ahmed 09/27/2024



#4

n-Nitrosodimethylamine

Concen: 41.314 ng

RT: 3.405 min Scan# 223

Delta R.T. 0.035 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

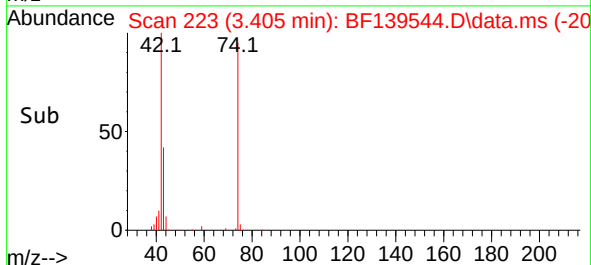
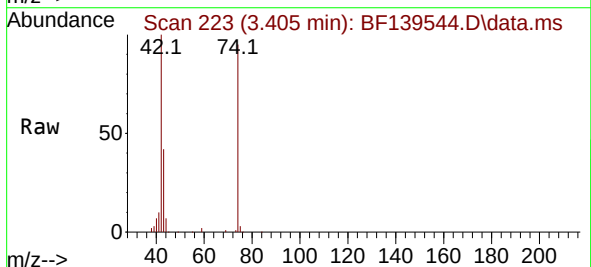
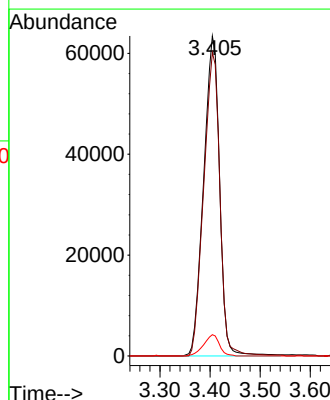
Tgt Ion: 42 Resp: 140557

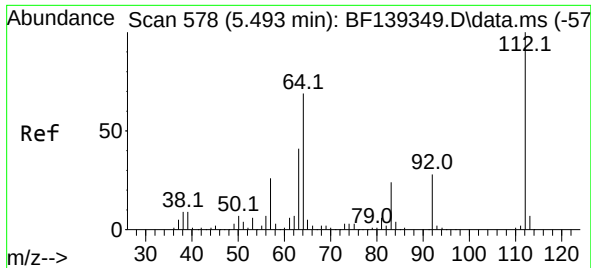
Ion Ratio Lower Upper

42 100

74 94.8 61.8 92.8#

44 6.7 4.8 7.2





#5
2-Fluorophenol
Concen: 90.994 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

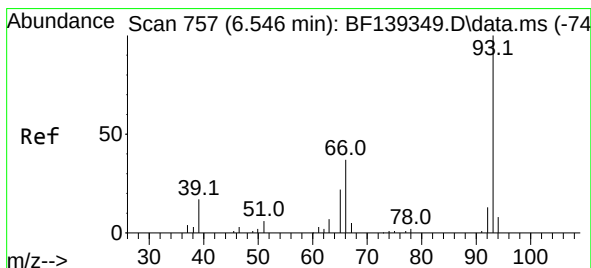
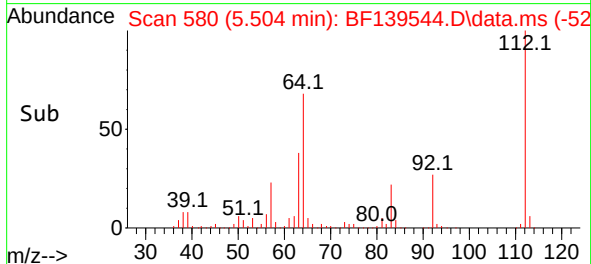
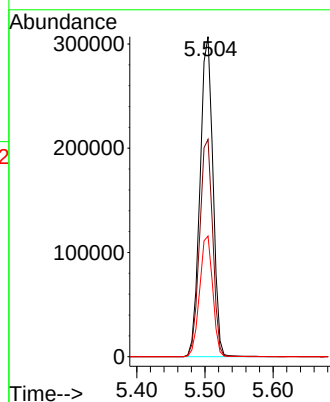
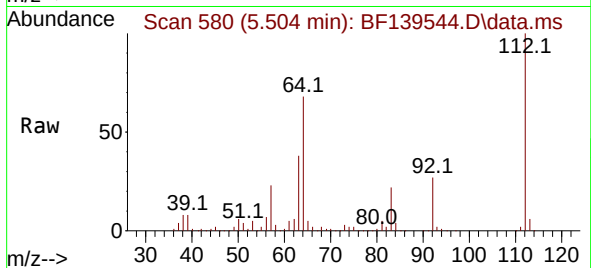
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Tgt Ion:112 Resp: 40378
Ion Ratio Lower Upper
112 100
64 67.9 54.8 82.2
63 37.7 33.0 49.4

Manual Integrations

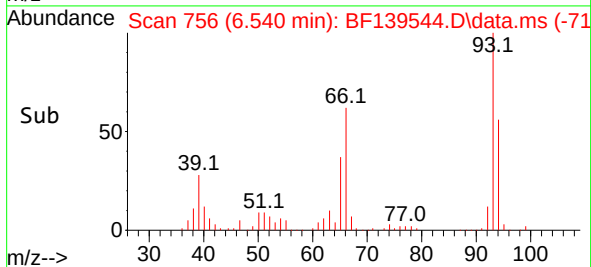
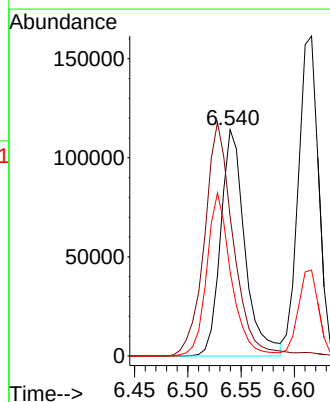
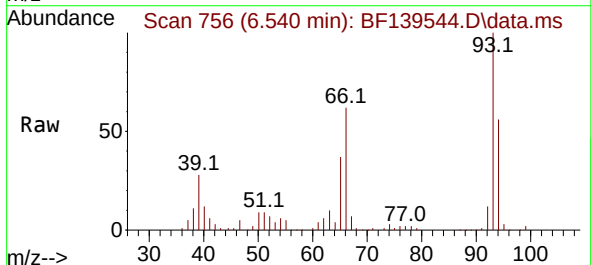
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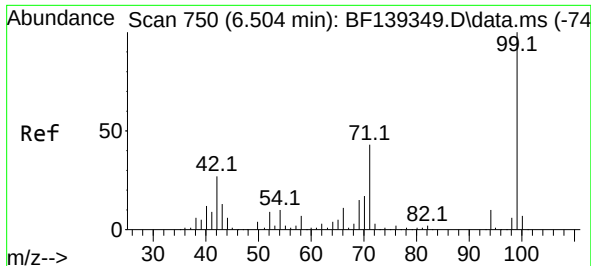
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#6
Aniline
Concen: 41.042 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion: 93 Resp: 180400
Ion Ratio Lower Upper
93 100
66 61.6 35.4 53.0#
65 37.2 18.2 27.4#





#7

Phenol-d6

Concen: 90.034 ng

RT: 6.510 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion: 99 Resp: 52439

Ion Ratio Lower Upper

99 100

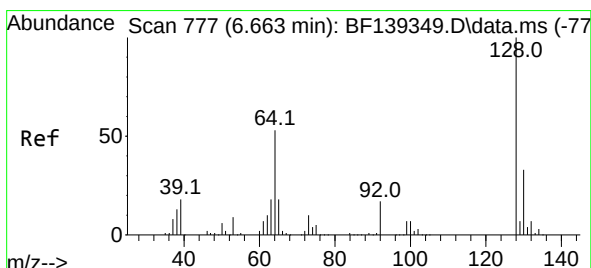
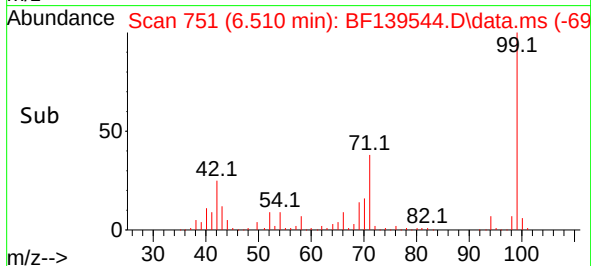
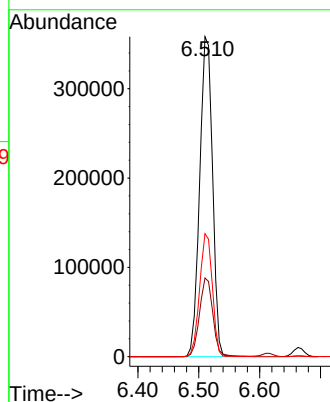
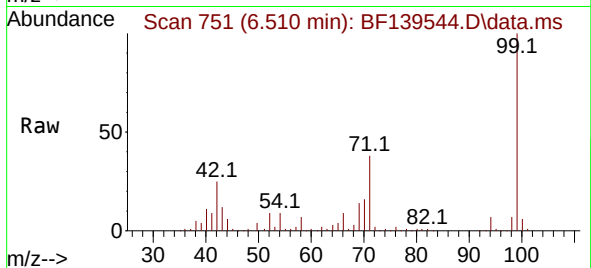
42 24.6 21.9 32.9

71 38.4 34.6 52.0

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#8

2-Chlorophenol

Concen: 46.759 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

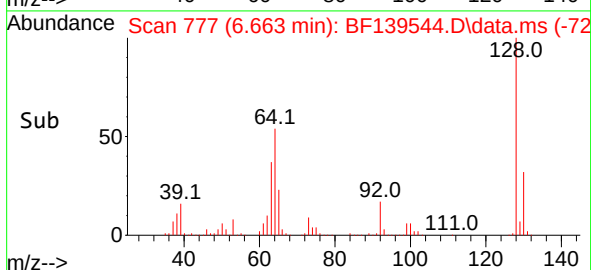
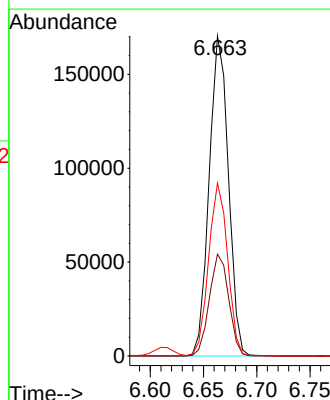
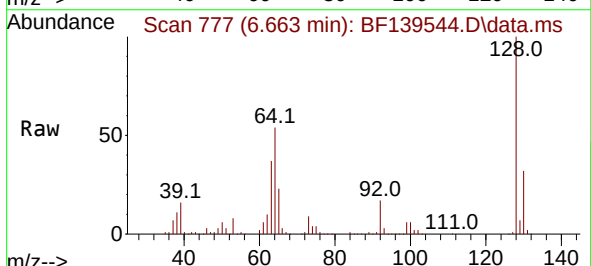
Tgt Ion:128 Resp: 213586

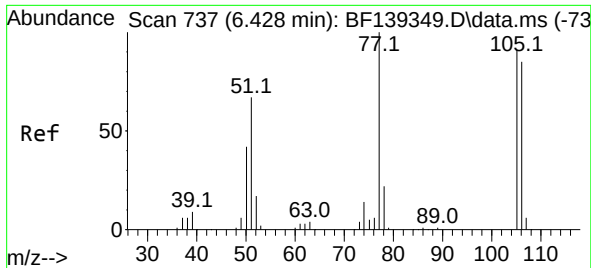
Ion Ratio Lower Upper

128 100

130 31.8 12.8 52.8

64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 11.495 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

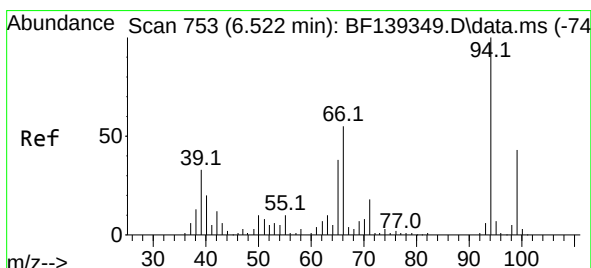
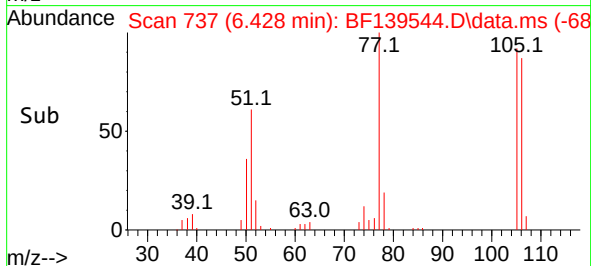
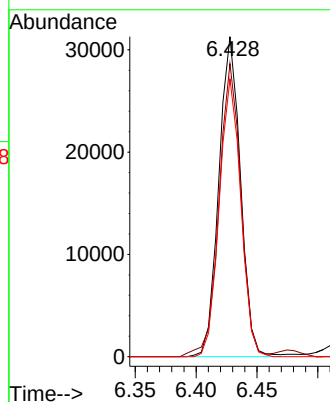
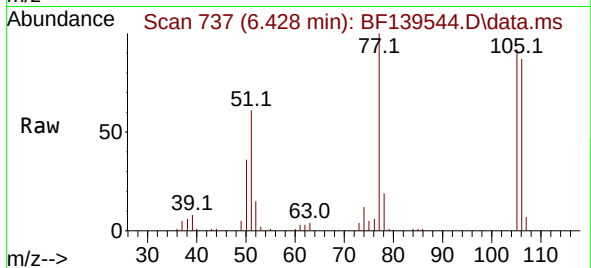
VNJ231MS

Tgt Ion: 77	Resp: 3868
Ion Ratio	Lower Upper
77 100	
105 91.6	71.0 111.0
106 86.8	64.9 104.9

Manual Integrations

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#10

Phenol

Concen: 46.420 ng

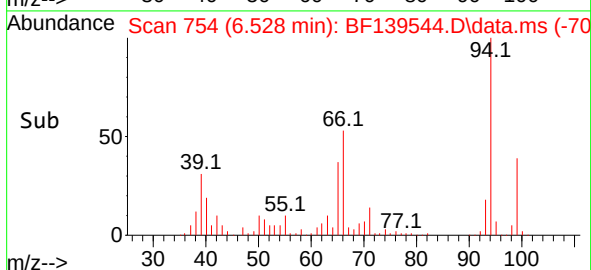
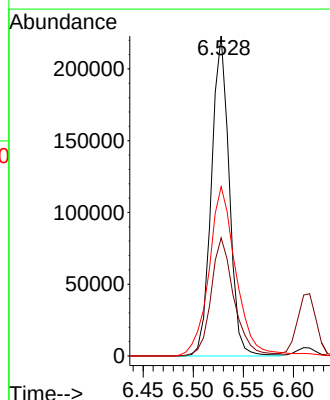
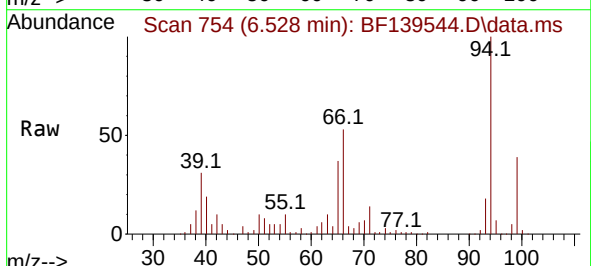
RT: 6.528 min Scan# 754

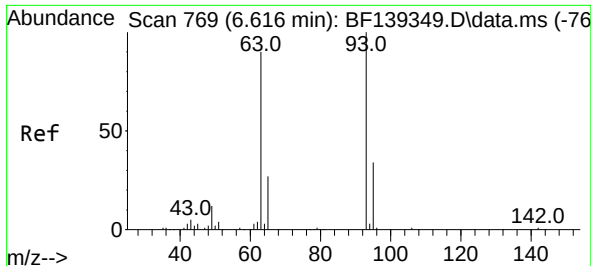
Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion: 94	Resp: 275366
Ion Ratio	Lower Upper
94 100	
65 36.9	17.6 57.6
66 52.9	35.2 75.2





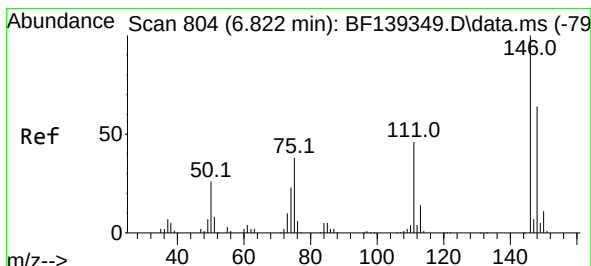
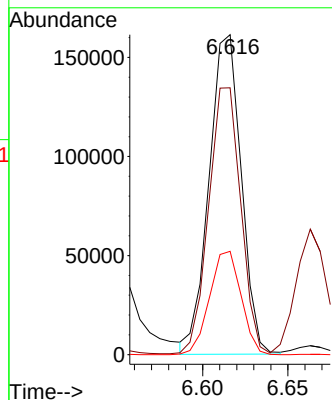
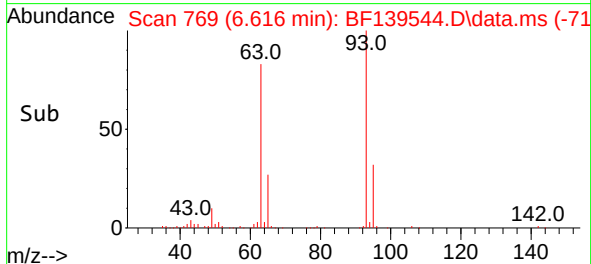
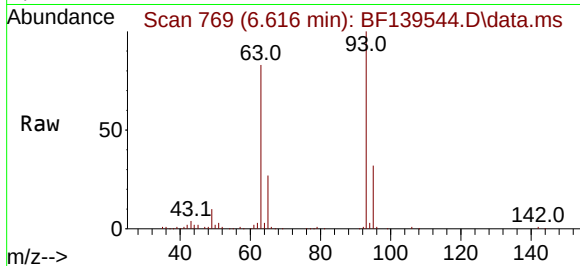
#11
bis(2-Chloroethyl)ether
Concen: 46.987 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Tgt Ion: 93 Resp: 211852
Ion Ratio Lower Upper
93 100
63 83.4 65.3 105.3
95 32.3 12.4 52.4

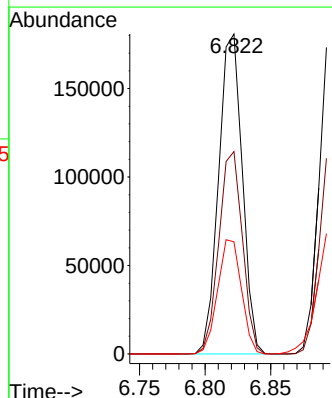
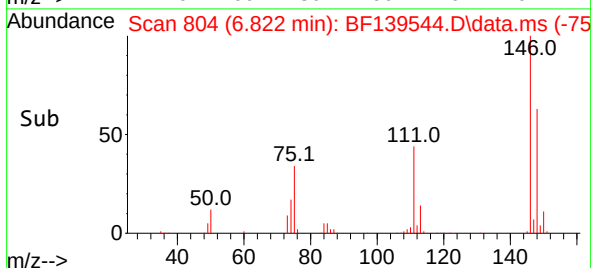
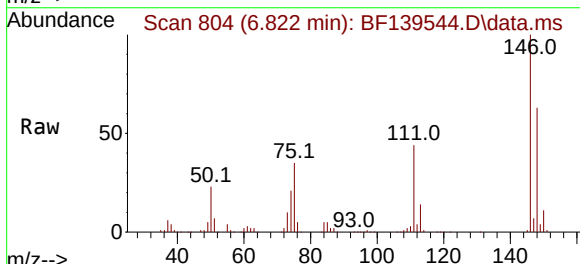
Manual Integrations
APPROVED

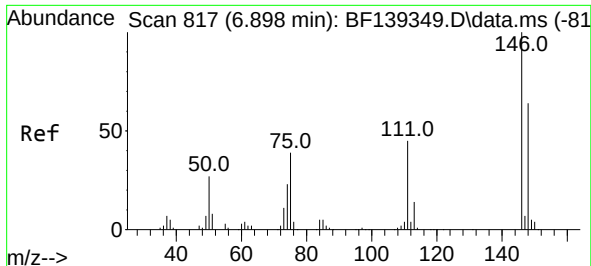
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#12
1,3-Dichlorobenzene
Concen: 43.688 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

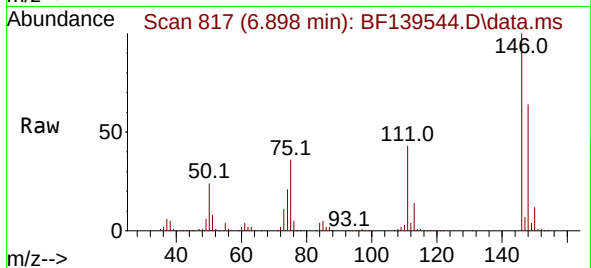
Tgt Ion:146 Resp: 226949
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 35.1 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 43.870 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

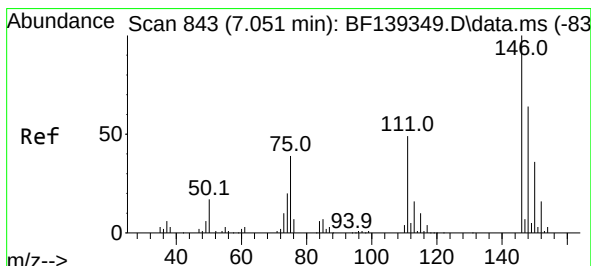
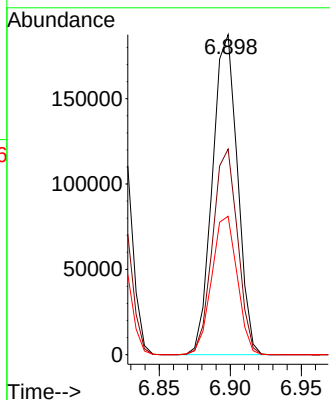
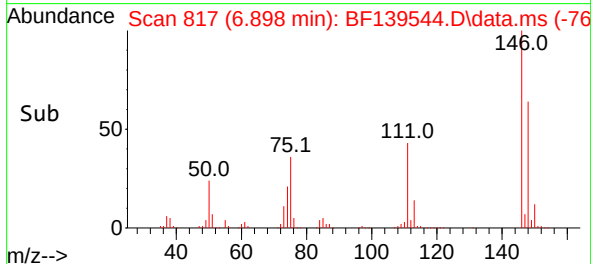
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



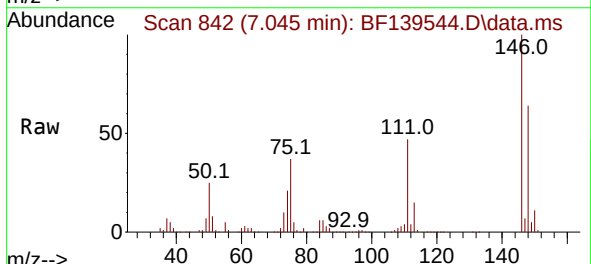
Tgt Ion:146 Resp: 230298
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.3 36.3 54.5

Manual Integrations
APPROVED

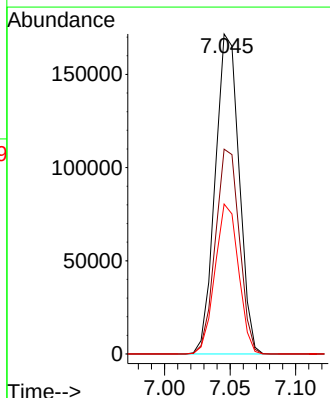
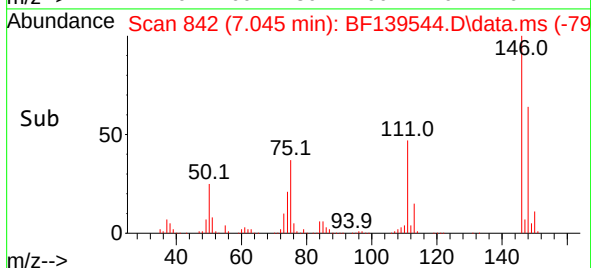
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

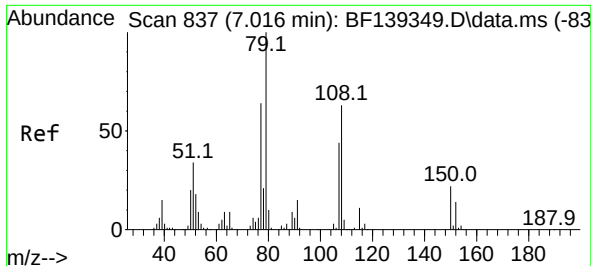


#14
1,2-Dichlorobenzene
Concen: 43.797 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:146 Resp: 217253
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 46.8 38.9 58.3





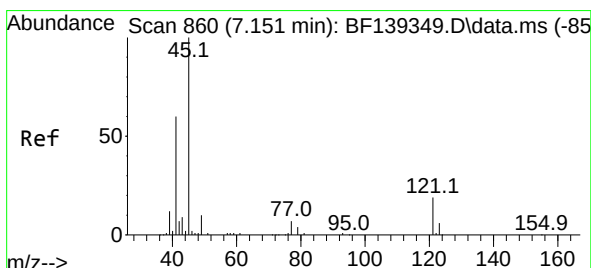
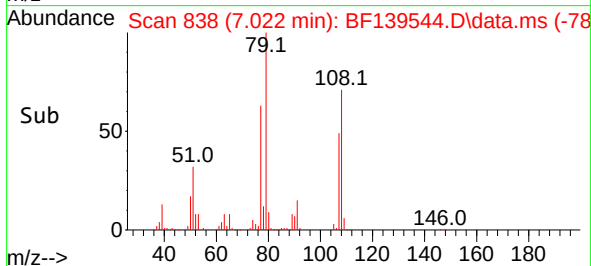
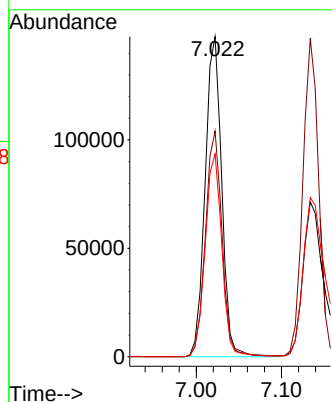
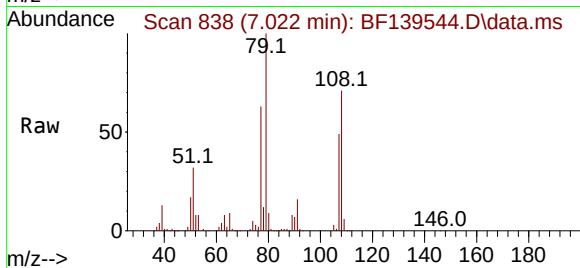
#15
Benzyl Alcohol
Concen: 42.822 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Tgt Ion: 79 Resp: 198989
Ion Ratio Lower Upper
79 100
108 70.5 50.4 75.6
77 63.4 51.4 77.2

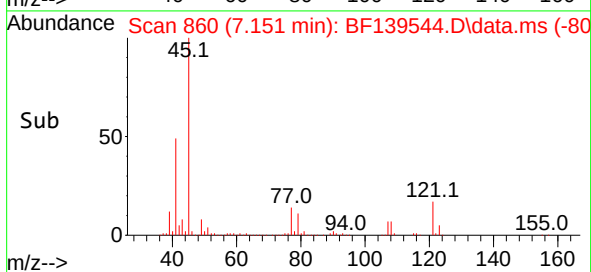
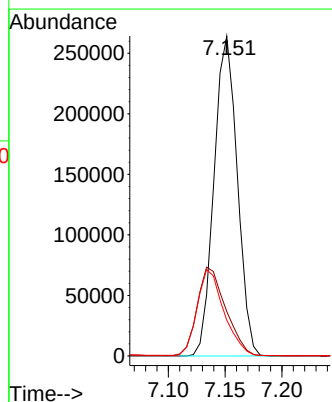
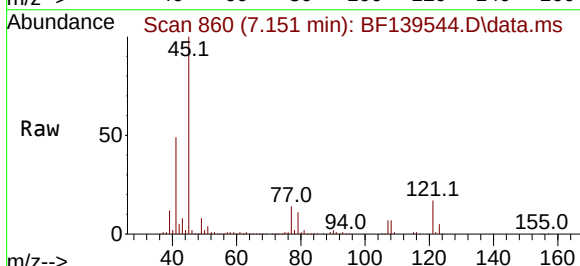
Manual Integrations
APPROVED

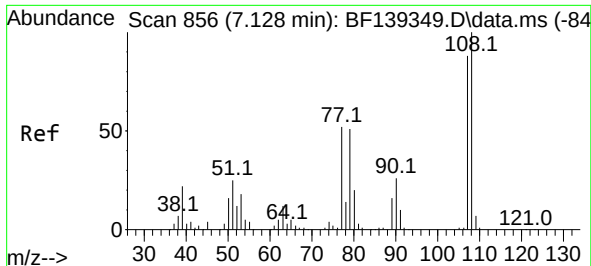
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.116 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion: 45 Resp: 376025
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.0
79 11.2 0.0 29.1





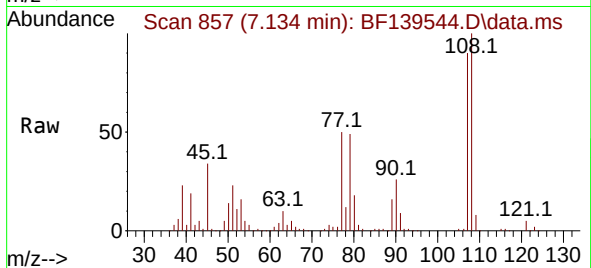
#17
2-Methylphenol
Concen: 46.731 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

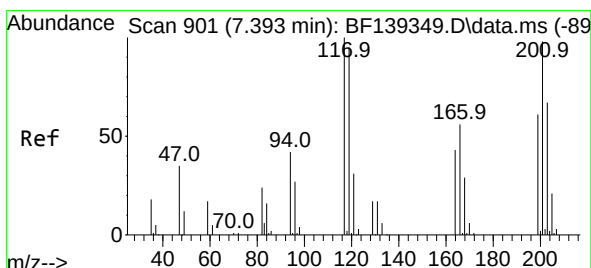
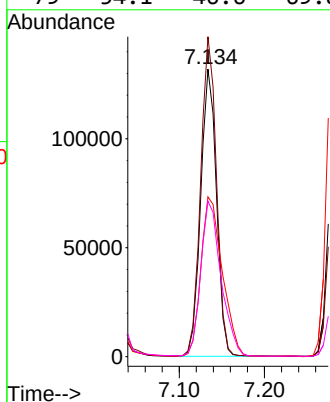
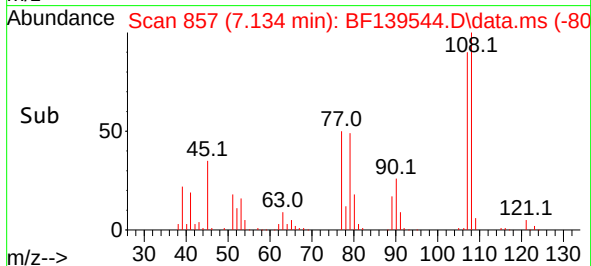


Tgt Ion:107 Resp: 16959
Ion Ratio Lower Upper
107 100
108 111.3 90.5 135.7
77 55.6 47.1 70.7
79 54.1 46.6 69.8

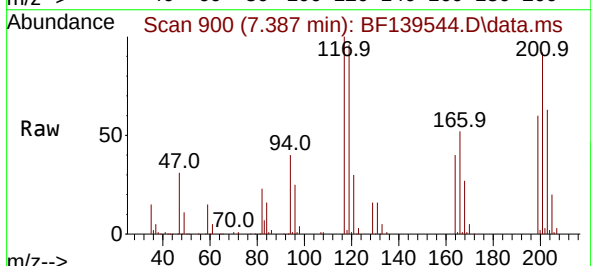
Manual Integrations

APPROVED

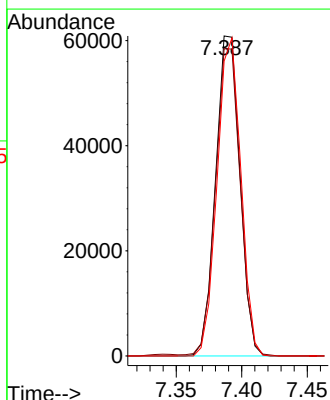
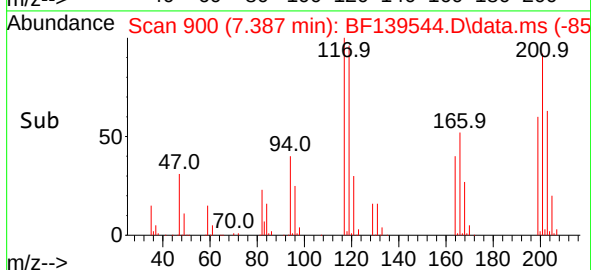
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

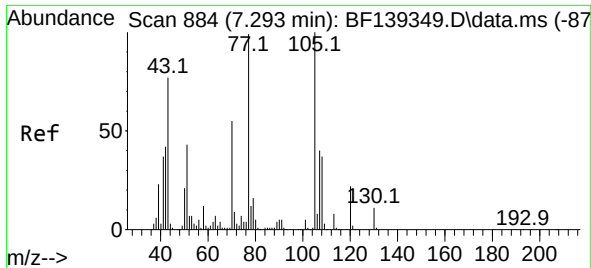


#18
Hexachloroethane
Concen: 39.331 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



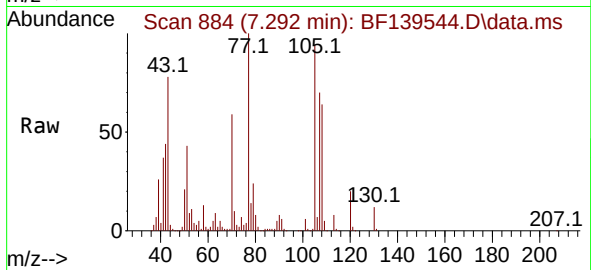
Tgt Ion:117 Resp: 78642
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 92.1 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.956 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

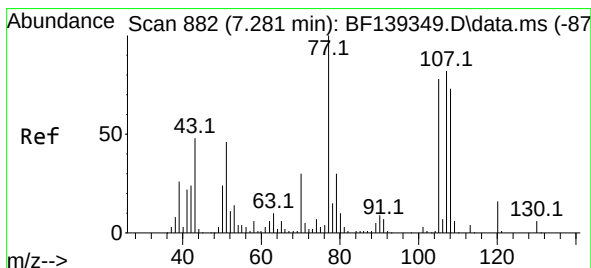
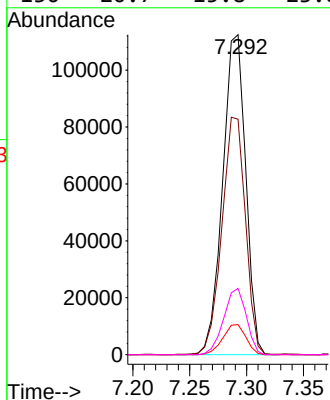
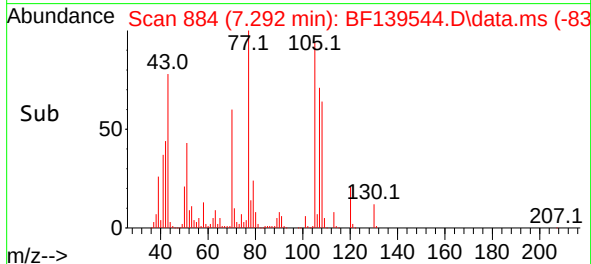
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



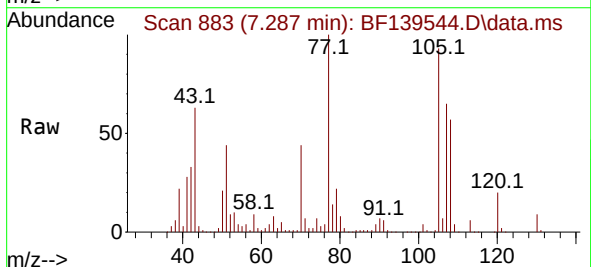
Tgt Ion: 70 Resp: 15861
Ion Ratio Lower Upper
70 100
42 73.6 61.2 91.8
101 9.4 7.5 11.3
130 20.7 15.8 23.8

Manual Integrations
APPROVED

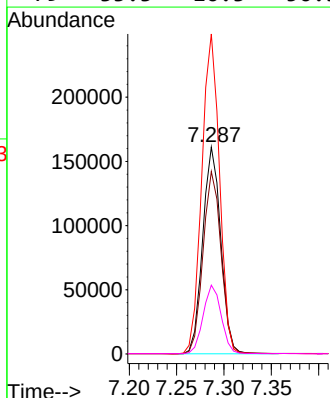
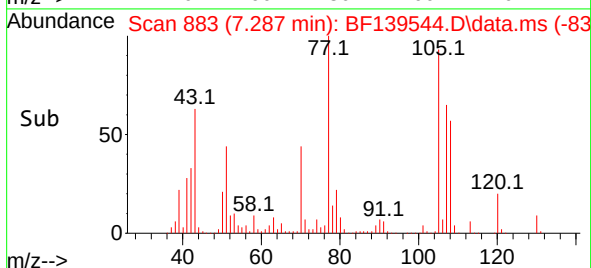
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

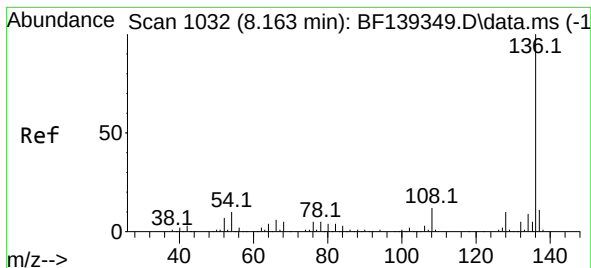


#20
3+4-Methylphenols
Concen: 43.105 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:107 Resp: 213424
Ion Ratio Lower Upper
107 100
108 88.2 68.6 108.6
77 154.7 101.6 141.6#
79 33.3 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: BF139544.D

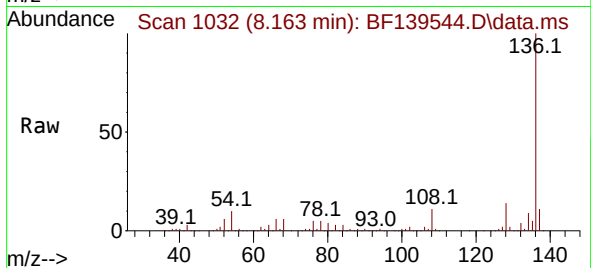
Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

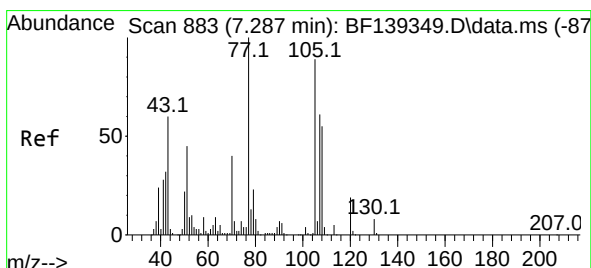
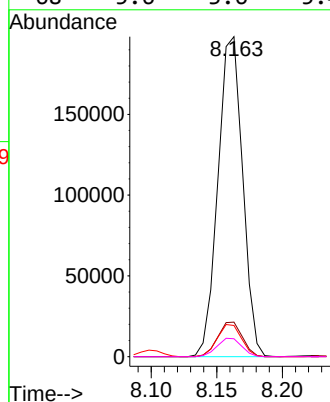
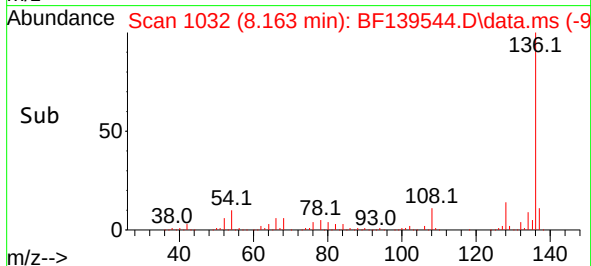


Tgt Ion:	136	Resp:	259290
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	9.7	7.8	11.8
68	5.6	3.6	5.4

Manual Integrations

APPROVED

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



#22

Acetophenone

Concen: 44.207 ng

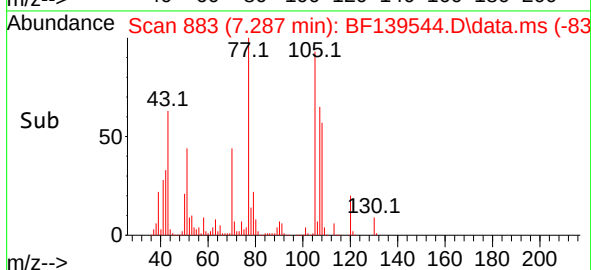
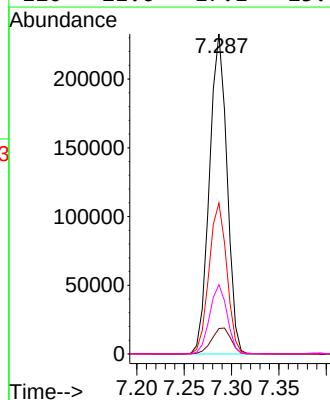
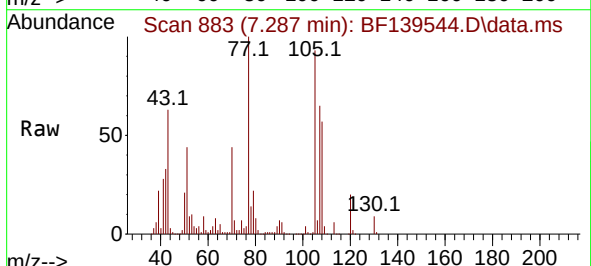
RT: 7.287 min Scan# 883

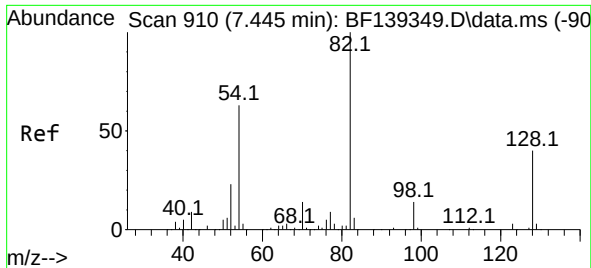
Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion:	105	Resp:	299661
Ion Ratio	Lower	Upper	
105	100		
71	8.0	5.9	8.9
51	47.2	40.0	60.0
120	21.6	17.1	25.7





#23

Nitrobenzene-d5

Concen: 62.440 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

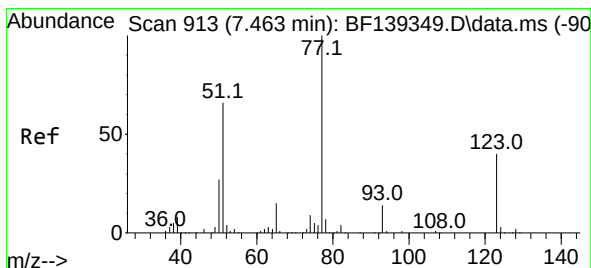
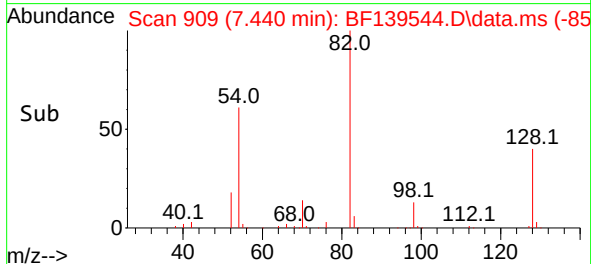
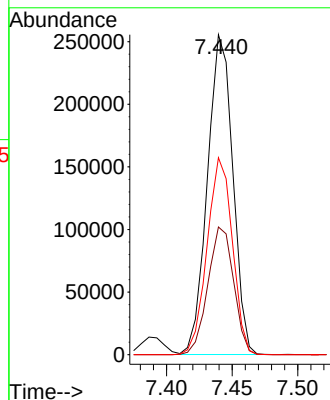
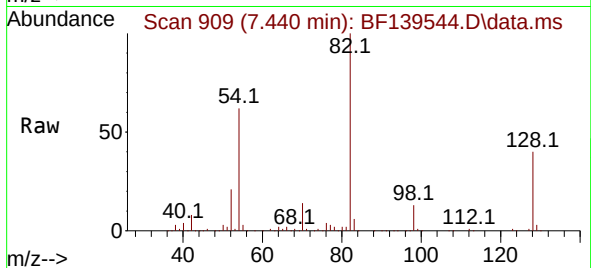
VNJ231MS

Tgt Ion: 82 Resp: 344384
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.6
 54 61.5 50.6 75.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 42.348 ng

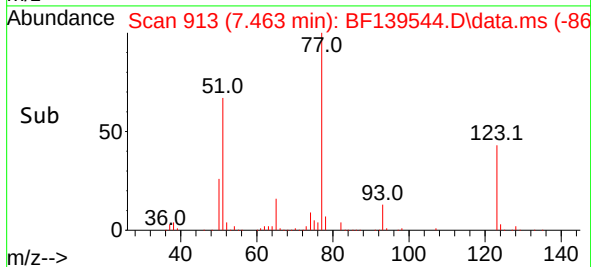
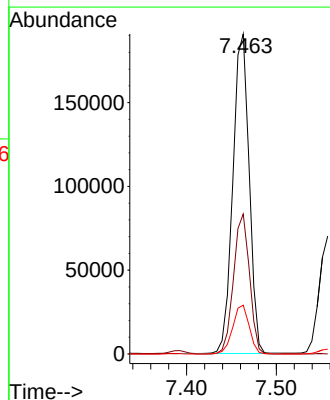
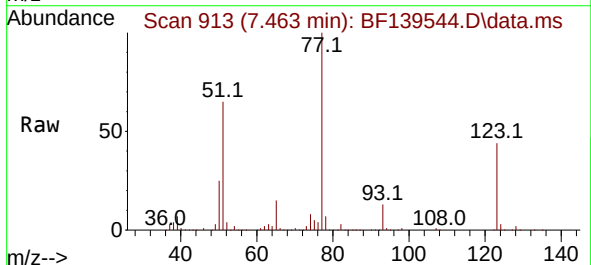
RT: 7.463 min Scan# 913

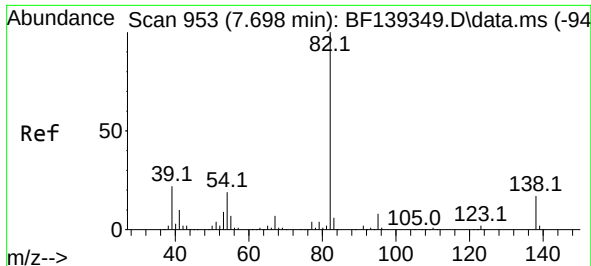
Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

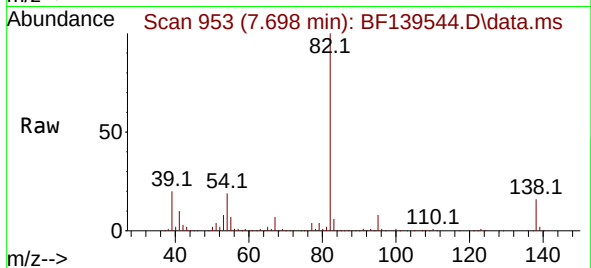
Tgt Ion: 77 Resp: 240391
 Ion Ratio Lower Upper
 77 100
 123 43.8 32.2 48.4
 65 15.3 12.2 18.4





#25
Isophorone
Concen: 47.451 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

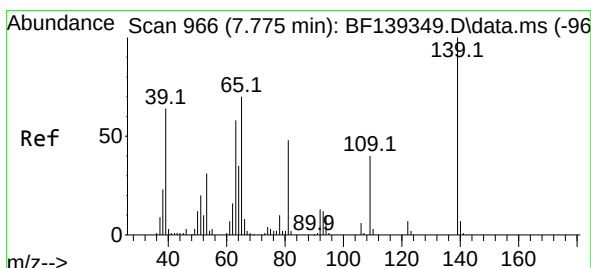
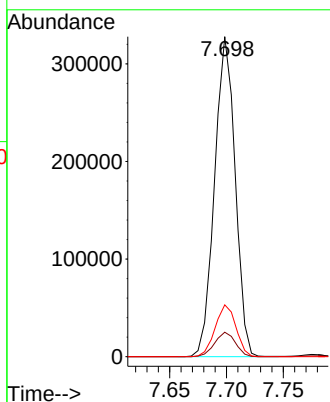
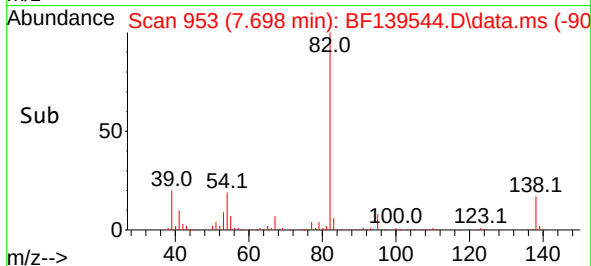
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



Tgt Ion: 82 Resp: 413908
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 16.2 13.3 19.9

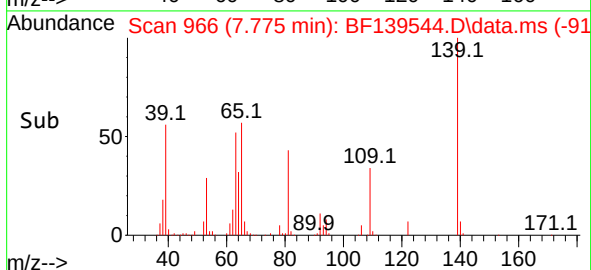
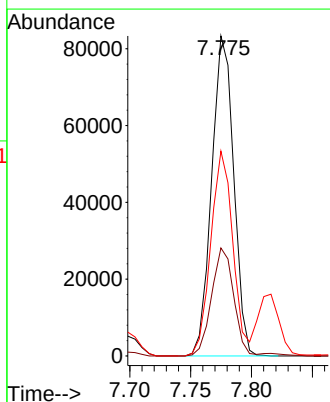
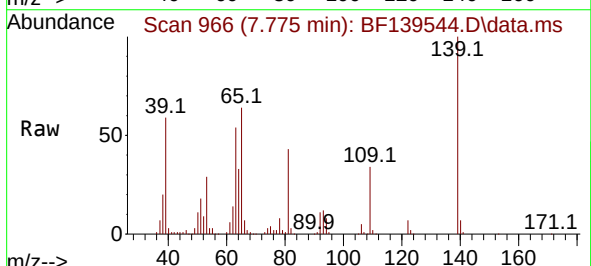
Manual Integrations
APPROVED

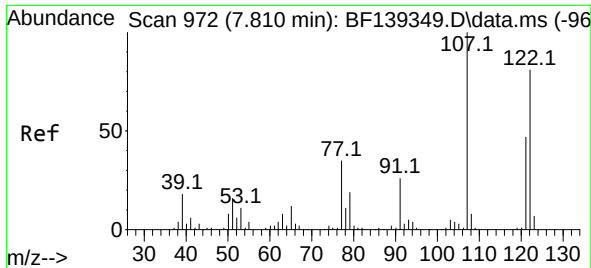
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#26
2-Nitrophenol
Concen: 47.503 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:139 Resp: 105057
Ion Ratio Lower Upper
139 100
109 33.7 32.2 48.2
65 64.0 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 56.973 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:122 Resp: 166204

Ion Ratio Lower Upper

122 100

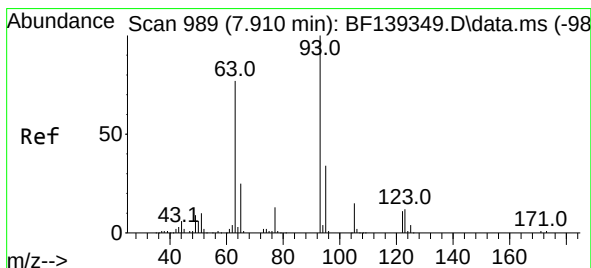
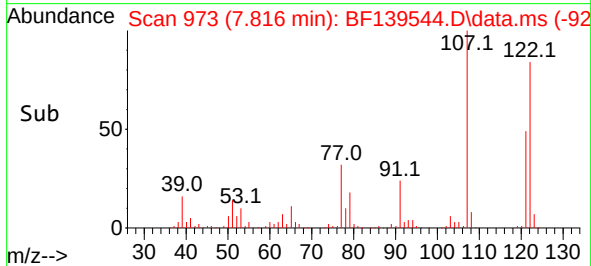
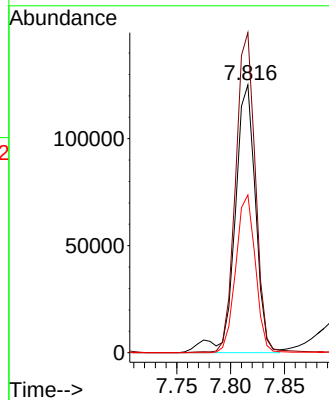
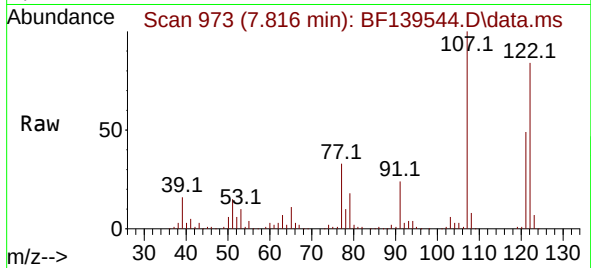
107 119.5 99.1 148.7

121 58.9 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: 49.866 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

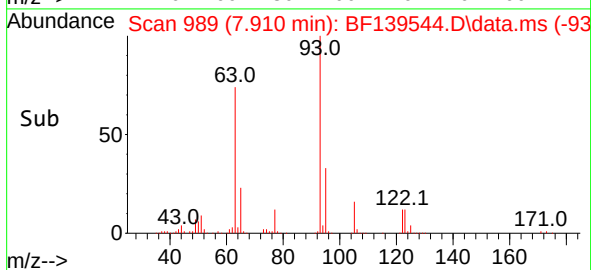
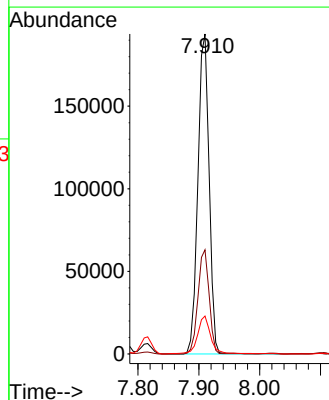
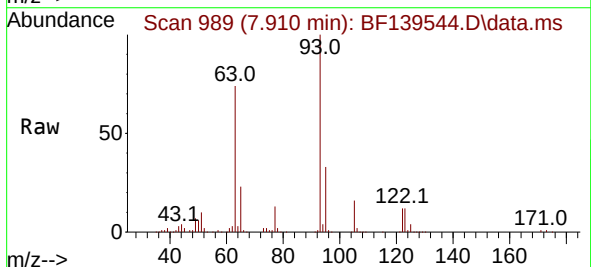
Tgt Ion: 93 Resp: 247898

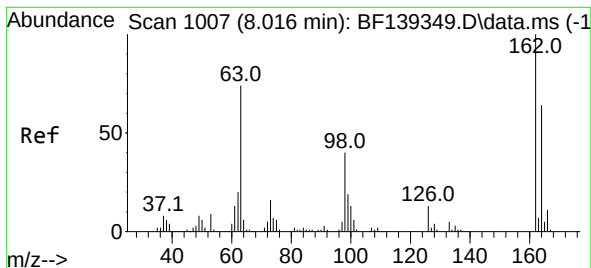
Ion Ratio Lower Upper

93 100

95 32.6 26.9 40.3

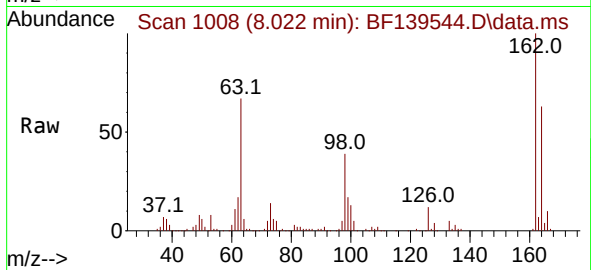
123 11.8 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 45.273 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

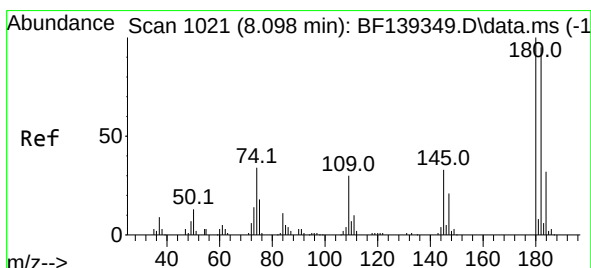
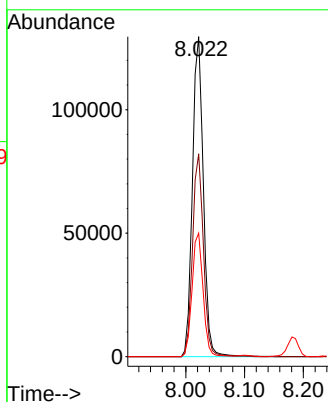
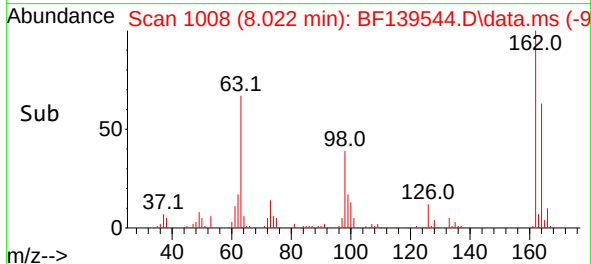
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



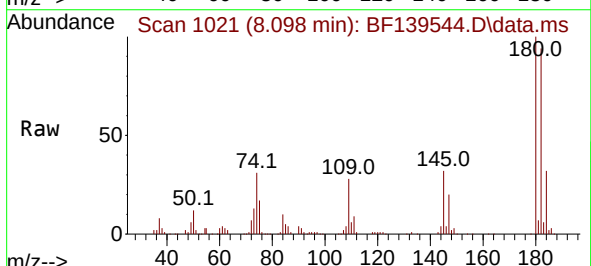
Tgt Ion:162 Resp: 16778
Ion Ratio Lower Upper
162 100
164 63.4 43.6 83.6
98 38.6 19.7 59.7

Manual Integrations
APPROVED

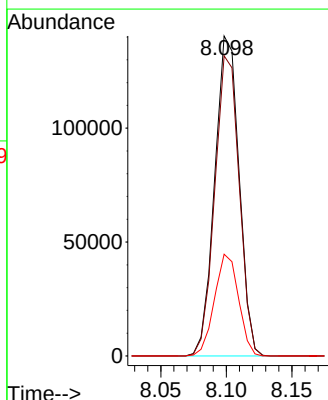
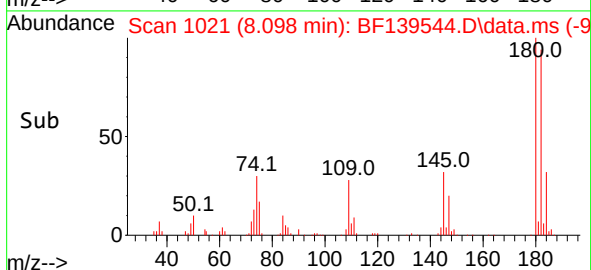
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

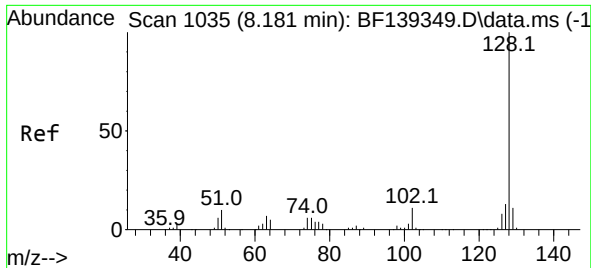


#30
1,2,4-Trichlorobenzene
Concen: 41.973 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



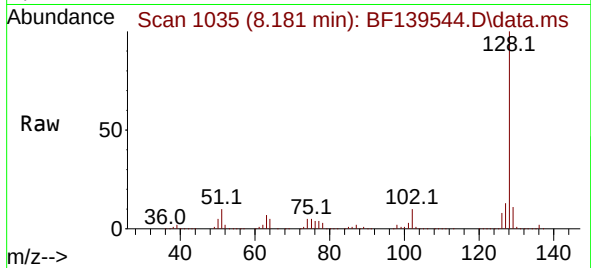
Tgt Ion:180 Resp: 181245
Ion Ratio Lower Upper
180 100
182 93.8 75.7 113.5
145 31.8 26.5 39.7





#31
Naphthalene
Concen: 44.822 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

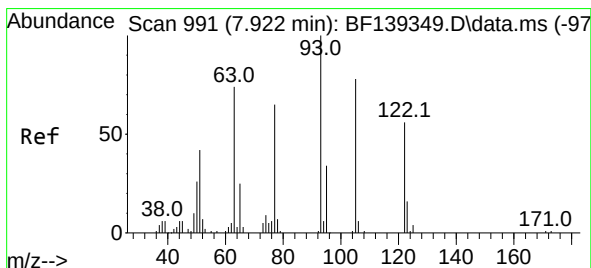
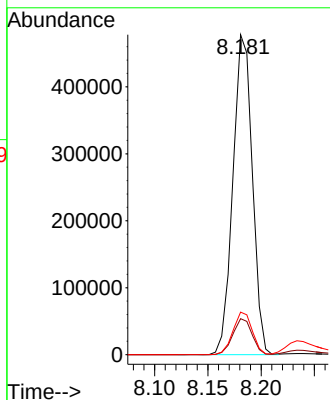
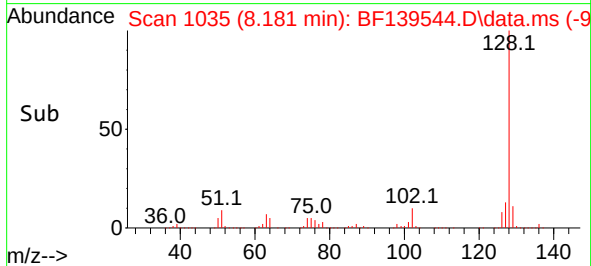
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



Tgt Ion:128 Resp: 60672
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.6 16.0

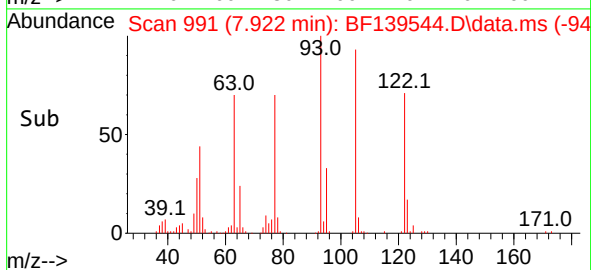
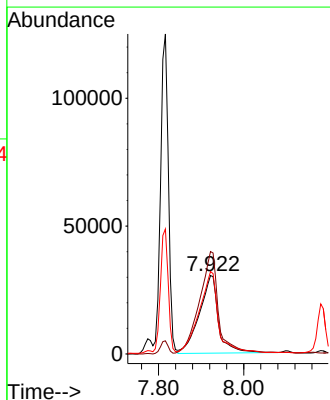
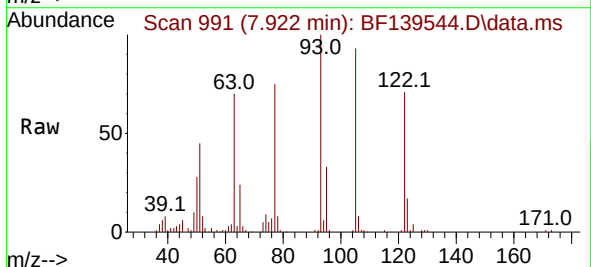
Manual Integrations
APPROVED

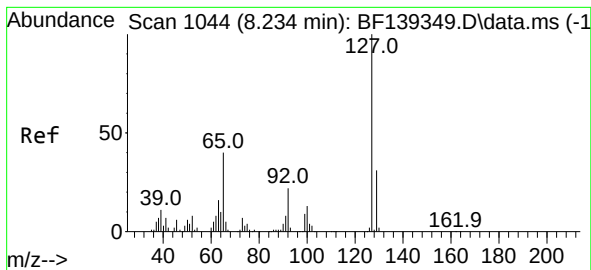
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#32
Benzoic acid
Concen: 34.578 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:122 Resp: 94399
Ion Ratio Lower Upper
122 100
105 130.5 117.1 157.1
77 105.1 95.4 135.4





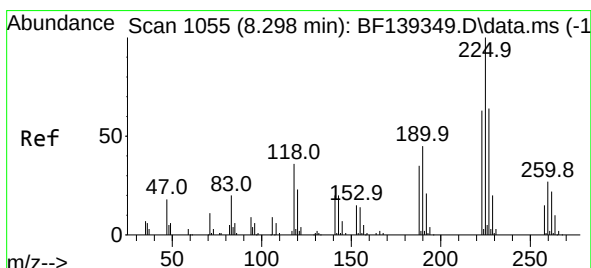
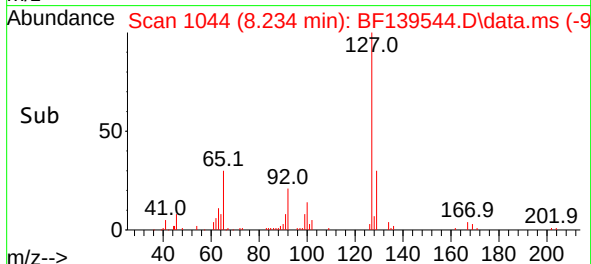
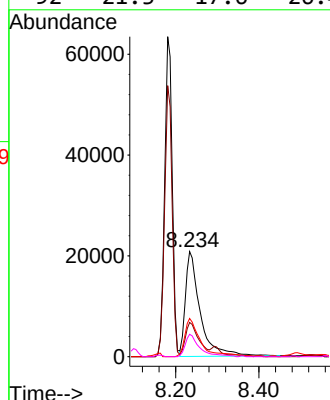
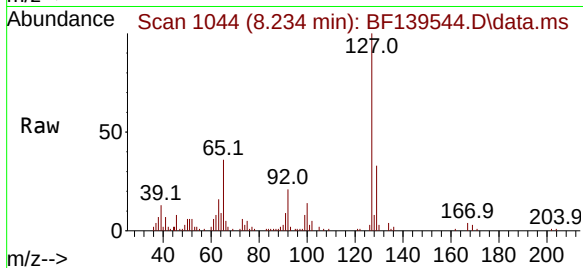
#33
4-Chloroaniline
Concen: 12.373 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Tgt Ion:	127	Resp:	5123
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.5	38.3
65	36.3	31.5	47.3
92	21.3	17.6	26.4

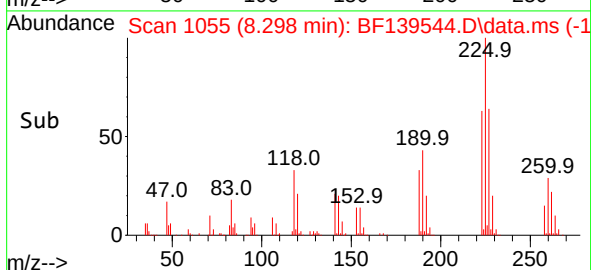
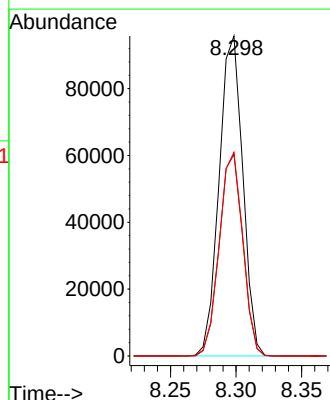
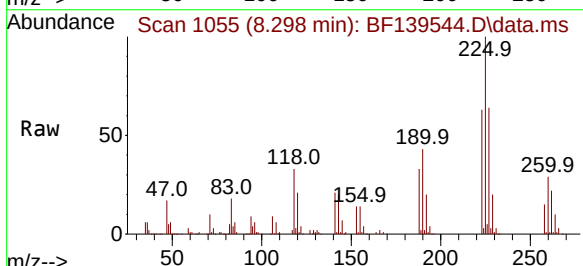
Manual Integrations
APPROVED

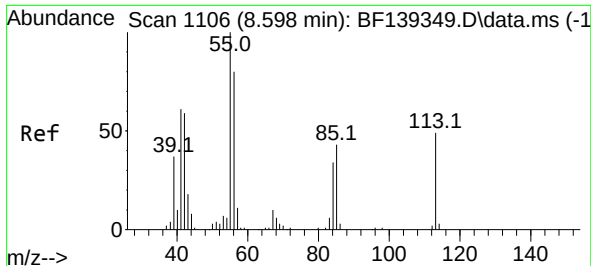
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#34
Hexachlorobutadiene
Concen: 40.900 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

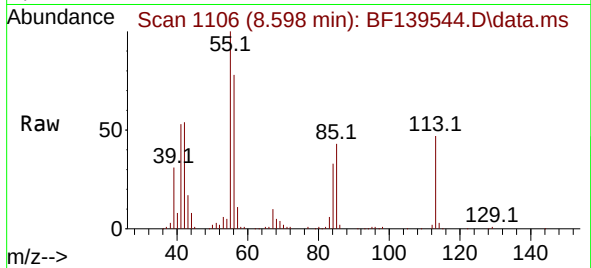
Tgt Ion:	225	Resp:	119989
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.1	75.1
227	63.7	51.0	76.6





#35
Caprolactam
Concen: 44.787 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

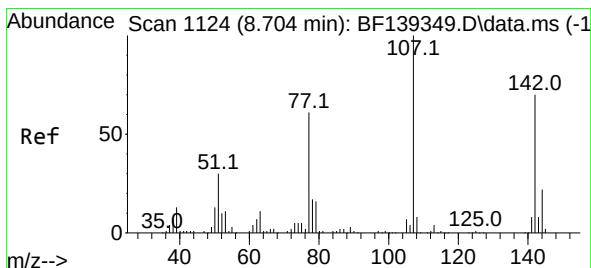
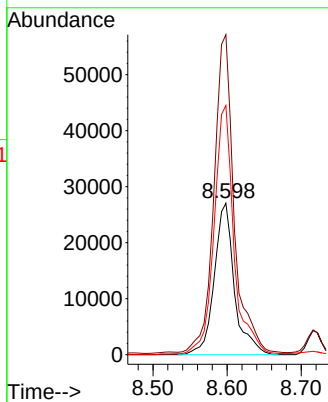
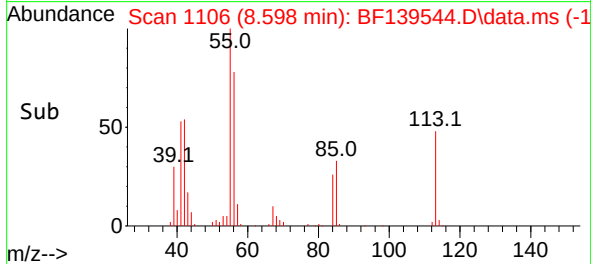
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



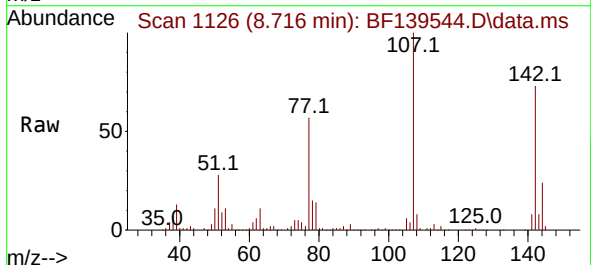
Tgt Ion:113 Resp: 51058
Ion Ratio Lower Upper
113 100
55 211.3 186.1 226.1
56 164.5 144.9 184.9

Manual Integrations
APPROVED

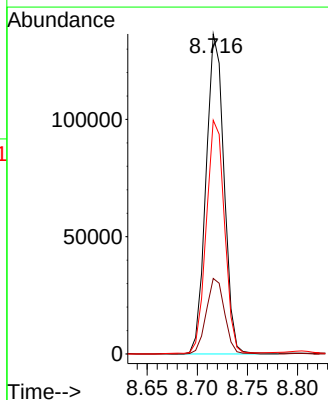
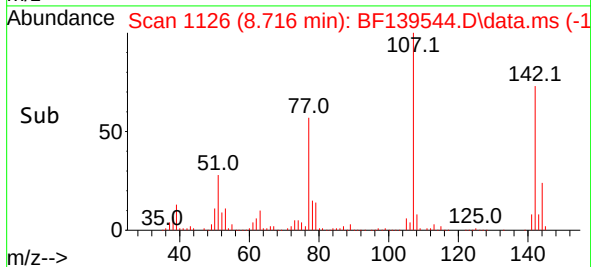
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

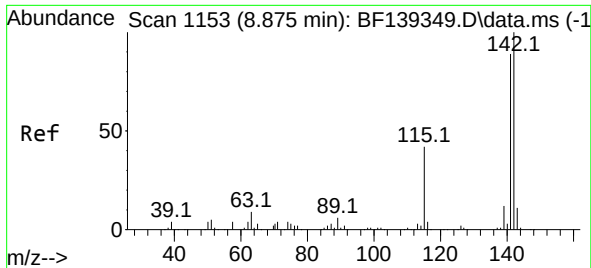


#36
4-Chloro-3-methylphenol
Concen: 40.401 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:107 Resp: 171116
Ion Ratio Lower Upper
107 100
144 23.6 17.5 26.3
142 73.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 44.537 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:142 Resp: 38266

Ion Ratio Lower Upper

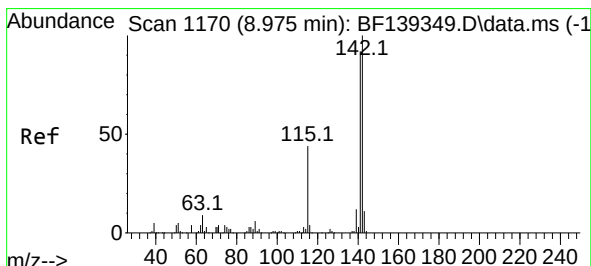
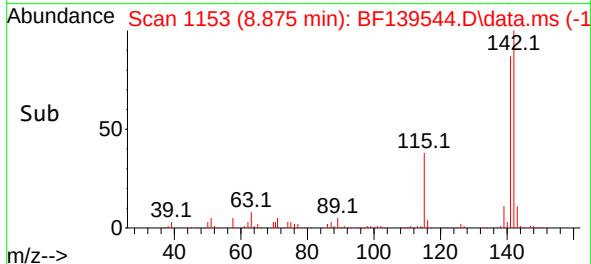
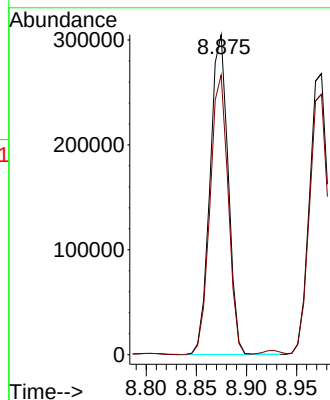
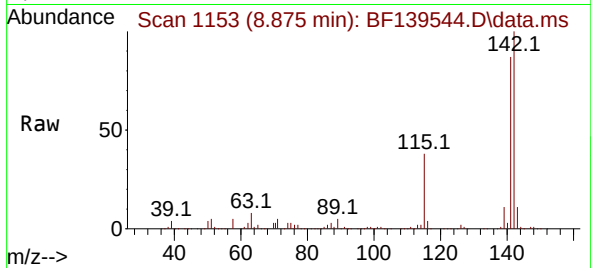
142 100

141 87.4 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: 40.484 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139544.D

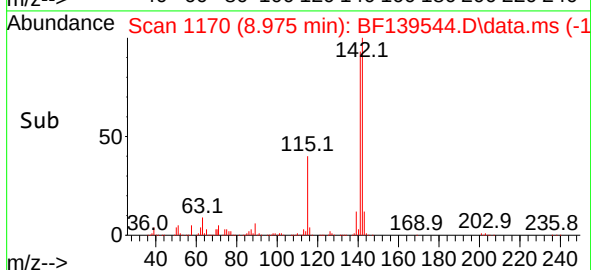
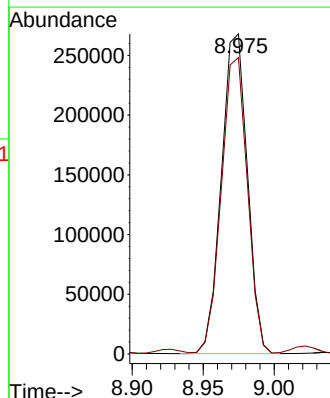
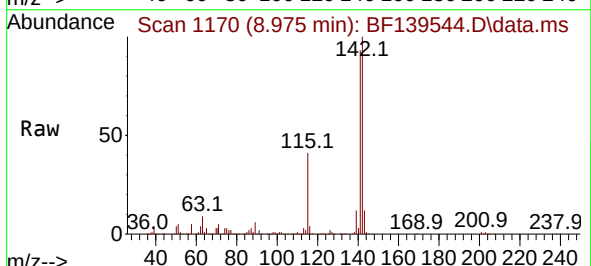
Acq: 25 Sep 2024 22:37

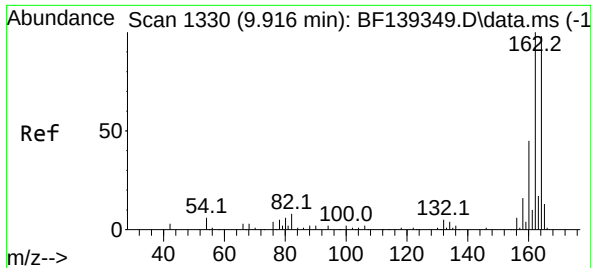
Tgt Ion:142 Resp: 341499

Ion Ratio Lower Upper

142 100

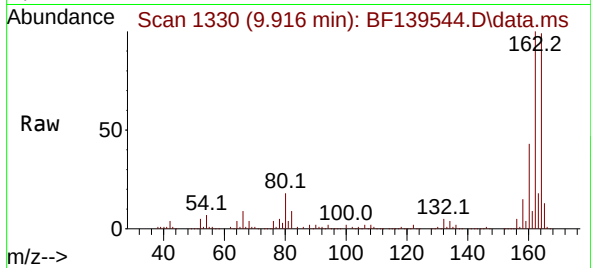
141 92.7 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

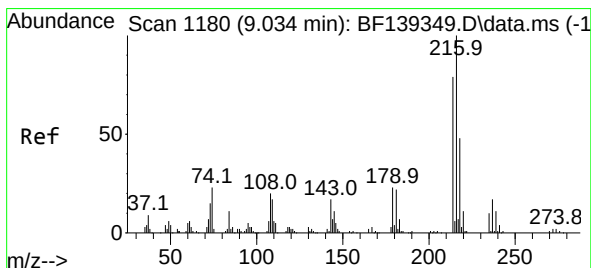
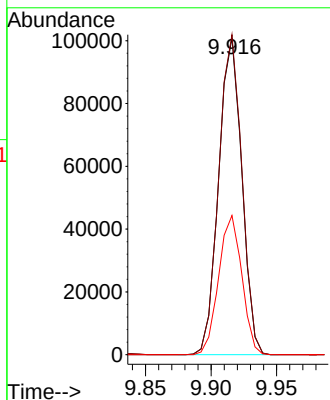
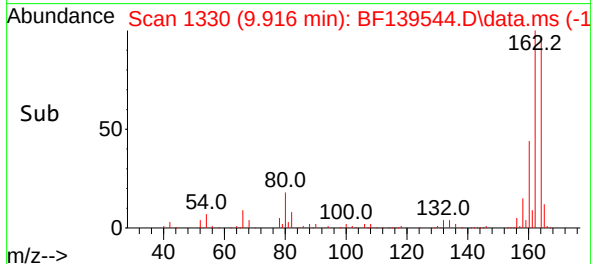
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



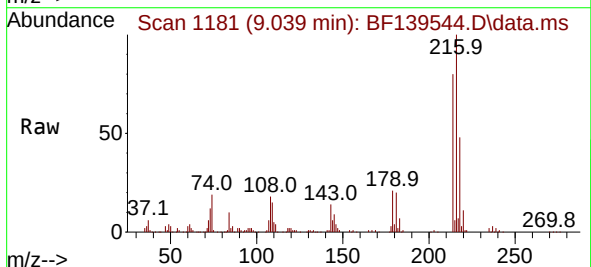
Tgt Ion:164 Resp: 123749
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.0 36.4 54.6

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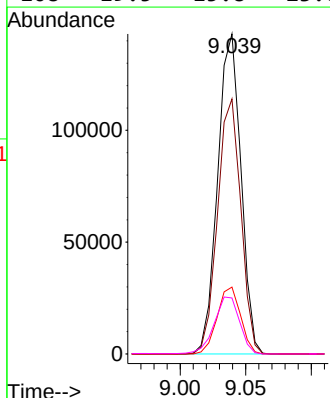
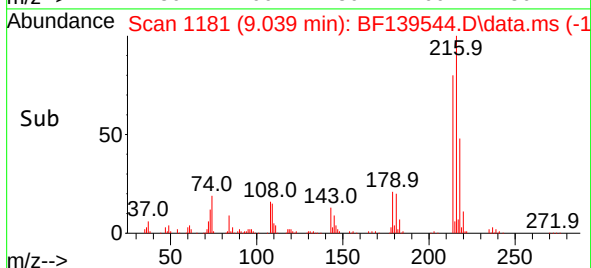
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

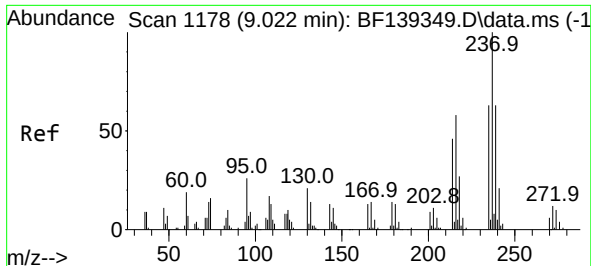


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.122 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



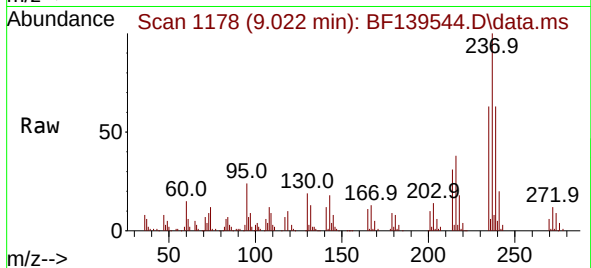
Tgt Ion:216 Resp: 176490
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.0
179 21.0 18.2 27.2
108 19.5 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 54.630 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

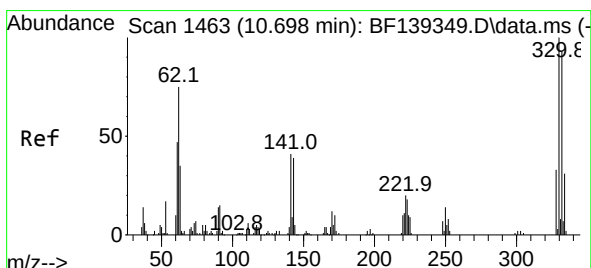
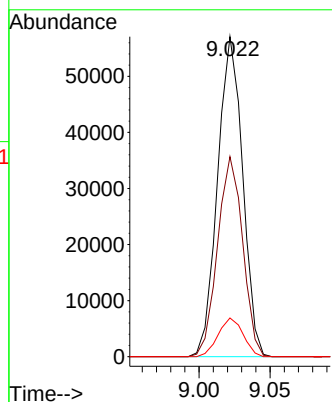
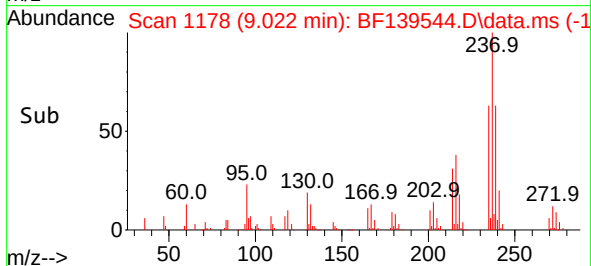
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



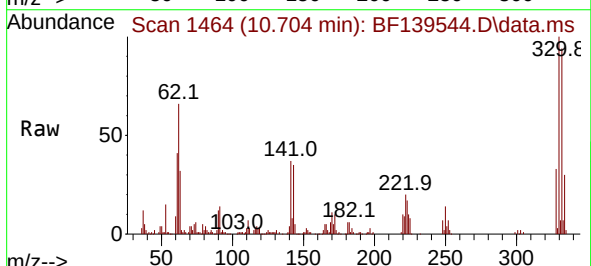
Tgt Ion: 237 Resp: 69950
Ion Ratio Lower Upper
237 100
235 62.5 42.7 82.7
272 12.1 0.0 32.5

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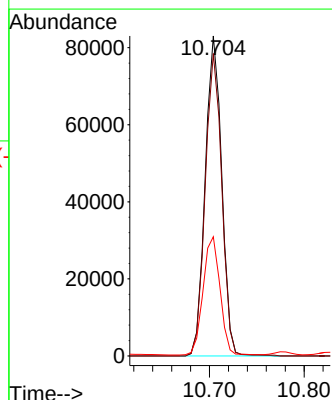
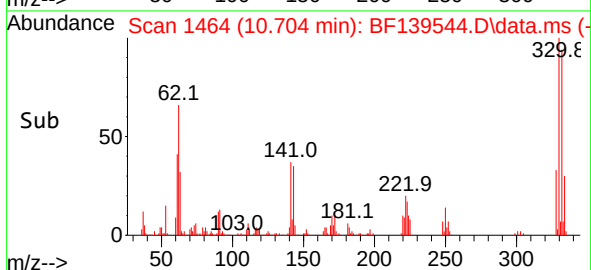
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

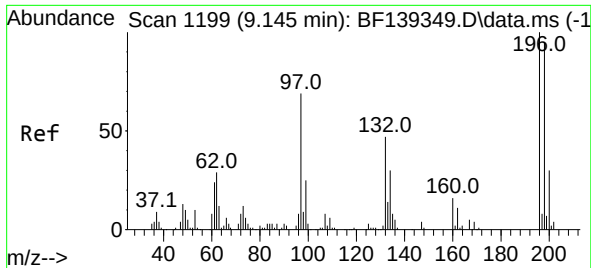


#42
2,4,6-Tribromophenol
Concen: 75.965 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



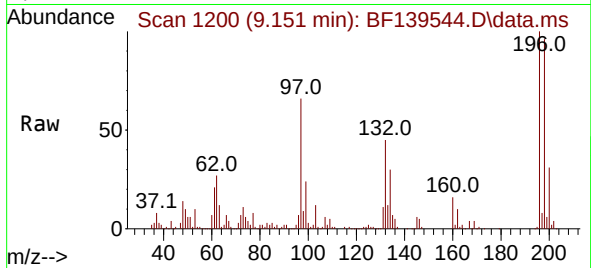
Tgt Ion: 330 Resp: 100081
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 38.0 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 47.471 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

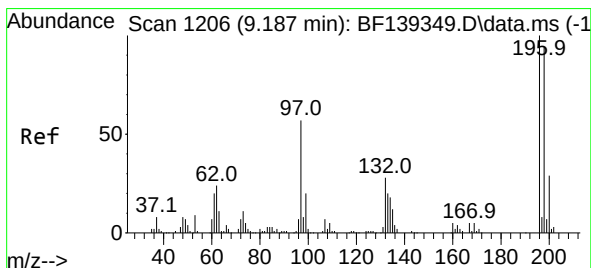
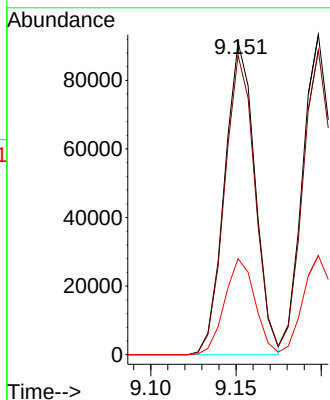
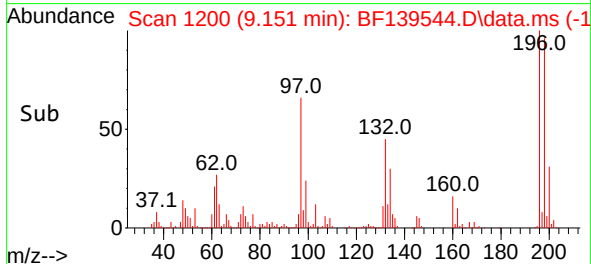
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



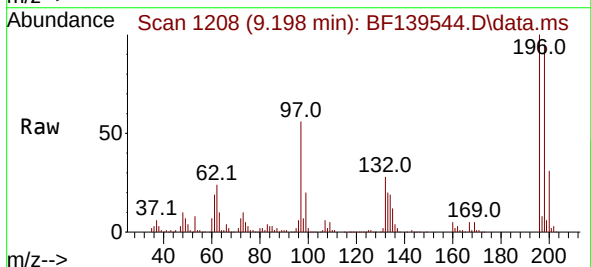
Tgt Ion:196 Resp: 113270
Ion Ratio Lower Upper
196 100
198 95.7 75.8 113.6
200 30.7 24.1 36.1

Manual Integrations
APPROVED

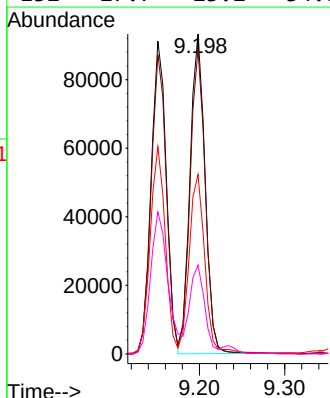
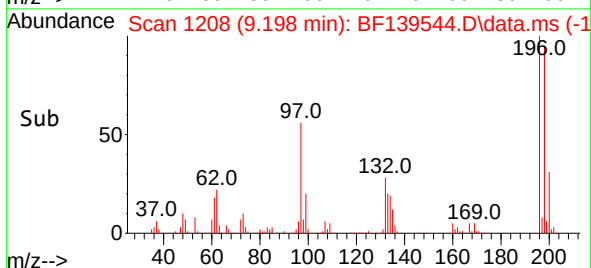
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

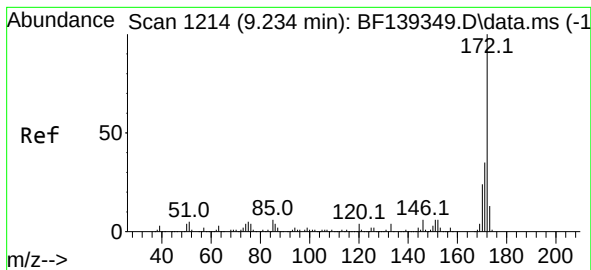


#44
2,4,5-Trichlorophenol
Concen: 45.531 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



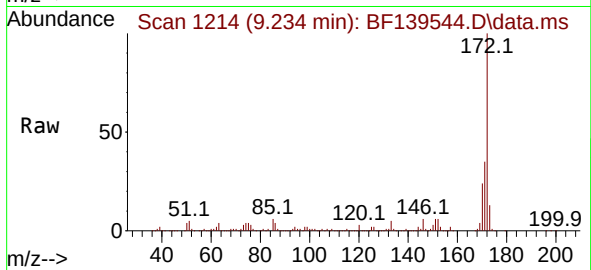
Tgt Ion:196 Resp: 114598
Ion Ratio Lower Upper
196 100
198 95.1 74.8 112.2
97 56.1 47.3 70.9
132 27.7 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 66.775 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

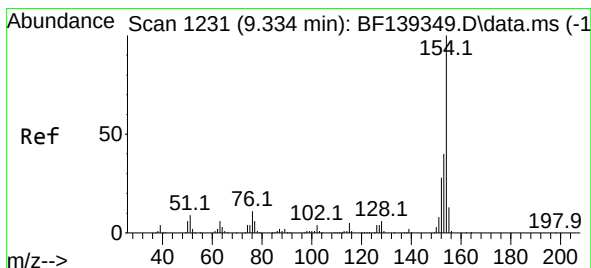
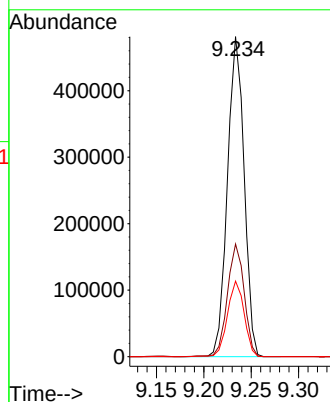
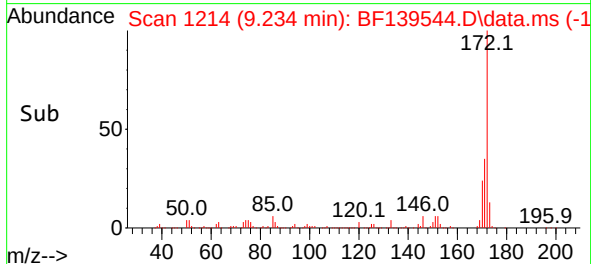
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



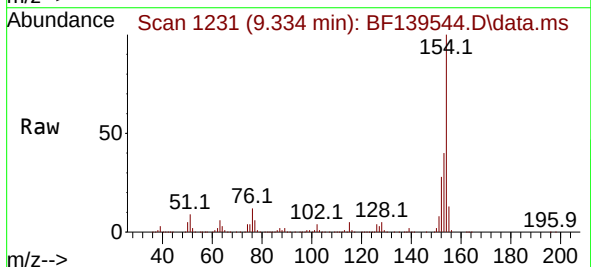
Tgt Ion:172 Resp: 589179
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 19.0 28.6

Manual Integrations
APPROVED

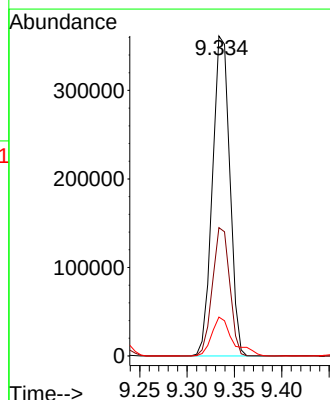
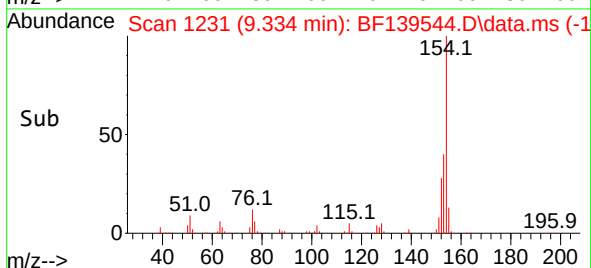
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

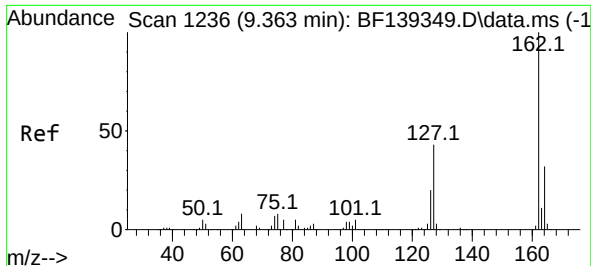


#46
1,1'-Biphenyl
Concen: 48.293 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:154 Resp: 459770
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 46.630 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

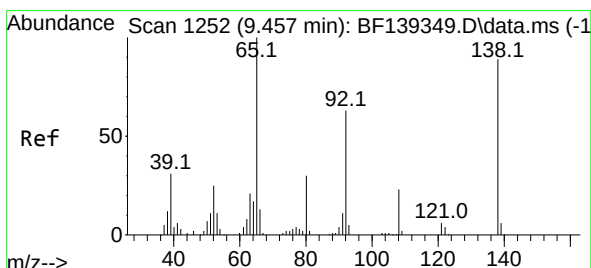
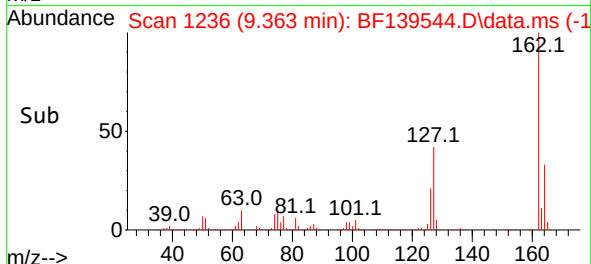
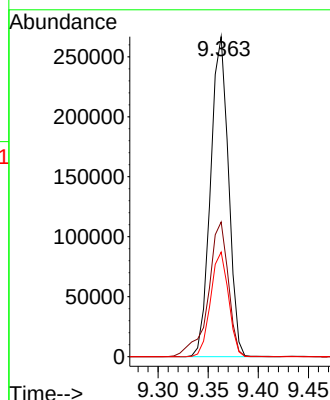
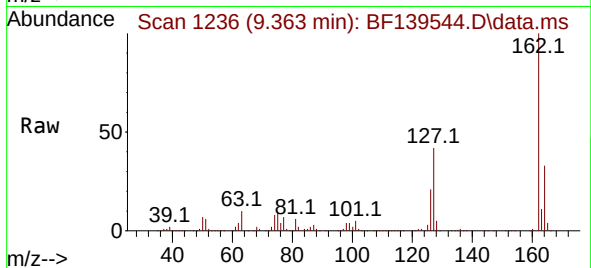
Tgt Ion: 162 Resp: 33193

Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.0	52.4
164	32.7	25.8	38.6

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 46.767 ng

RT: 9.457 min Scan# 1252

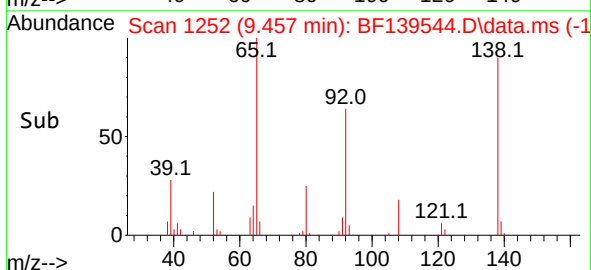
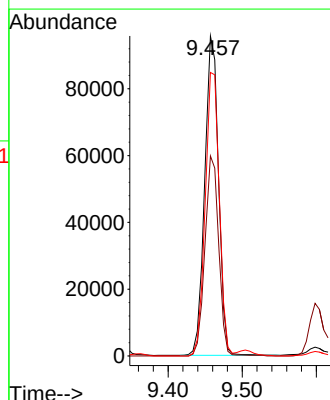
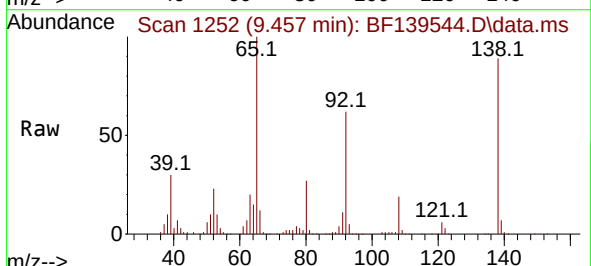
Delta R.T. -0.000 min

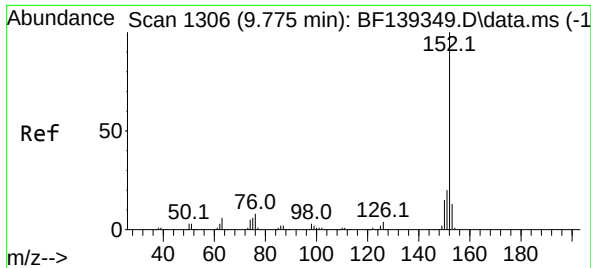
Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion: 65 Resp: 123821

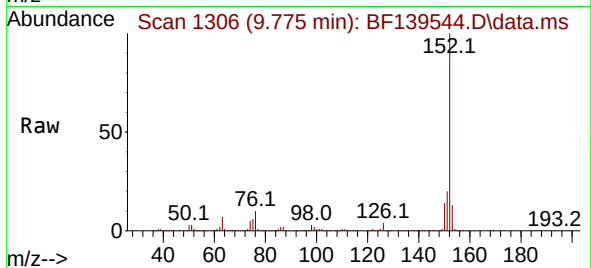
Ion	Ratio	Lower	Upper
65	100		
92	62.5	50.3	75.5
138	88.6	71.3	106.9





#49
Acenaphthylene
Concen: 53.446 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

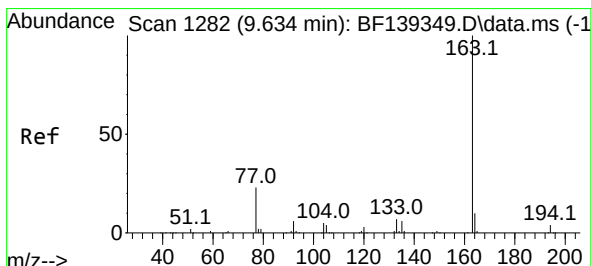
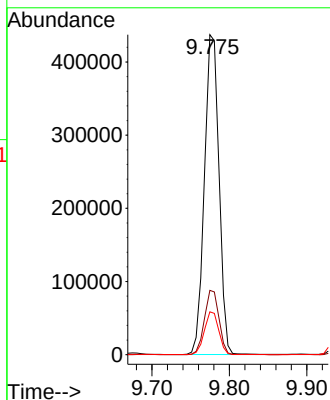
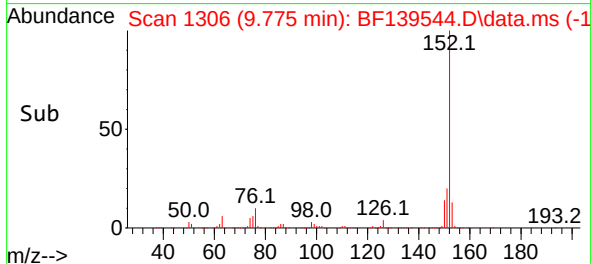
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



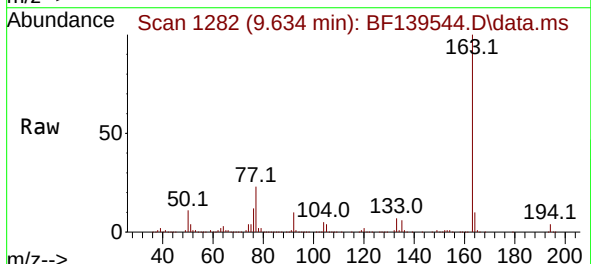
Tgt Ion:152 Resp: 57268
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.3 15.5

Manual Integrations
APPROVED

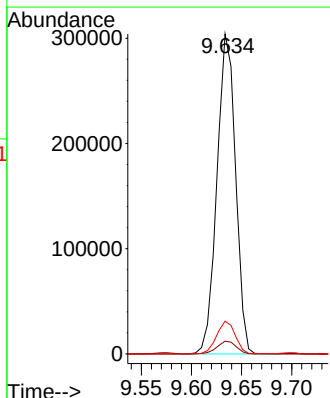
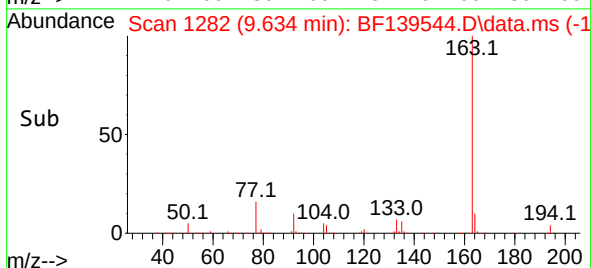
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

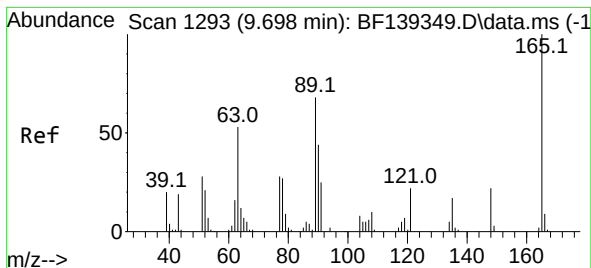


#50
Dimethylphthalate
Concen: 48.370 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:163 Resp: 392869
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





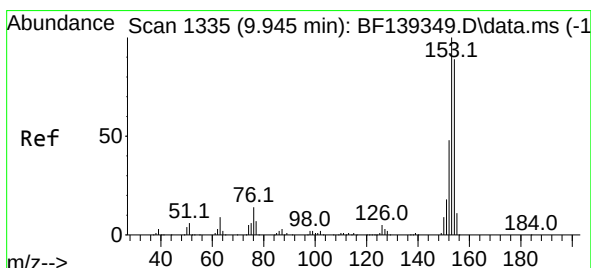
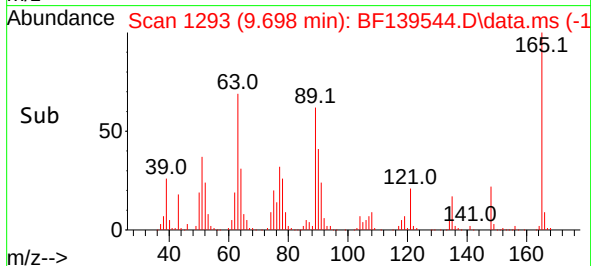
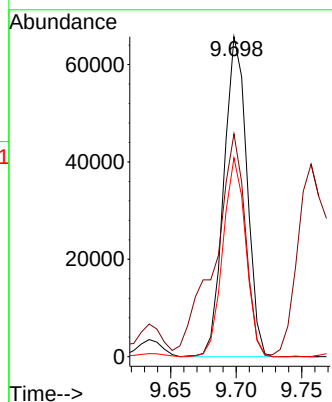
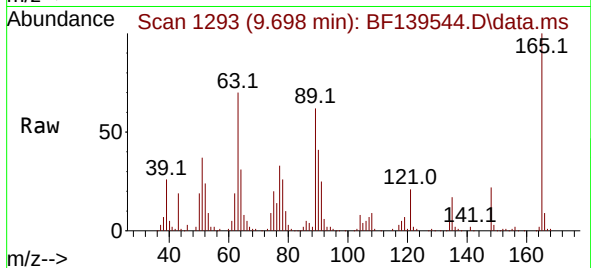
#51
2,6-Dinitrotoluene
Concen: 44.579 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Tgt Ion:165 Resp: 8021
Ion Ratio Lower Upper
165 100
63 69.6 60.9 91.3
89 62.1 54.7 82.1

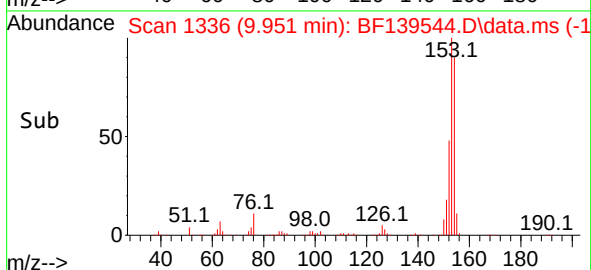
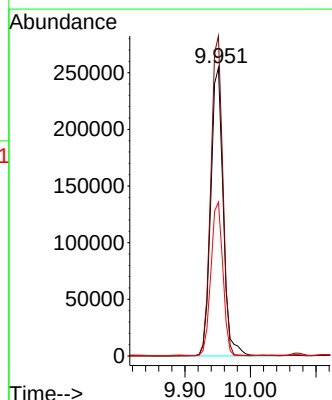
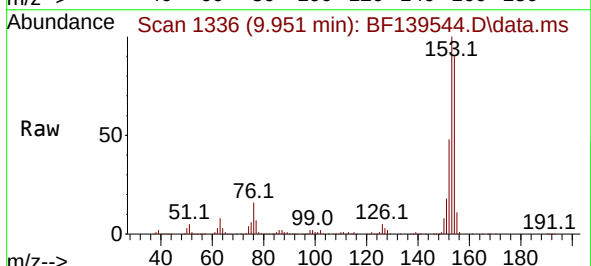
Manual Integrations
APPROVED

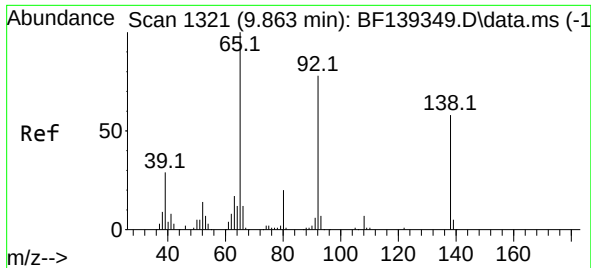
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#52
Acenaphthene
Concen: 45.002 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:154 Resp: 336545
Ion Ratio Lower Upper
154 100
153 111.0 89.5 134.3
152 53.4 42.6 64.0





#53
3-Nitroaniline
Concen: 34.464 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

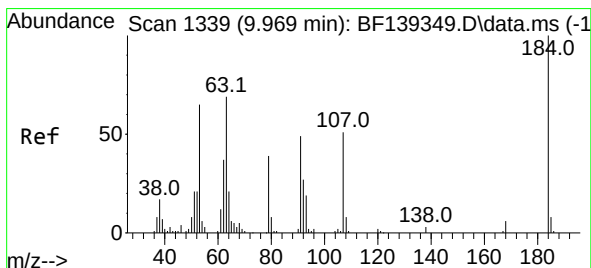
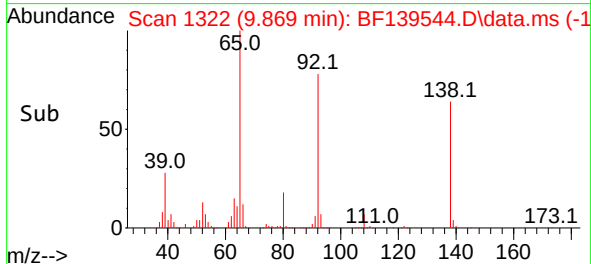
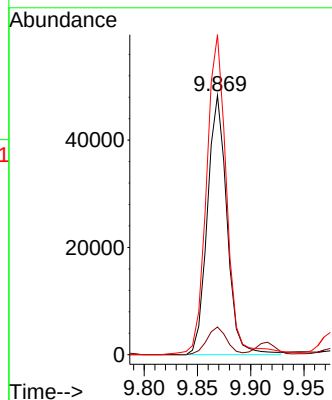
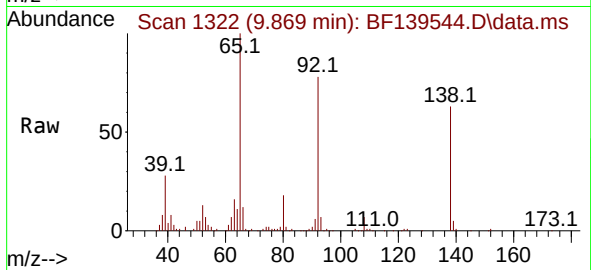
VNJ231MS

Tgt Ion:138 Resp: 61974
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.8
92 123.4 107.4 161.2

Manual Integrations

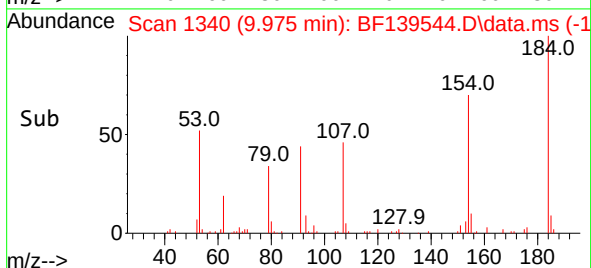
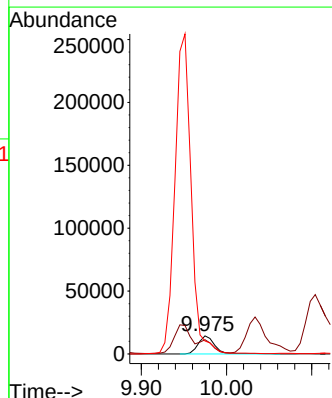
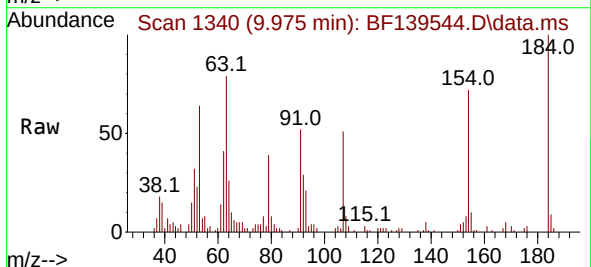
APPROVED

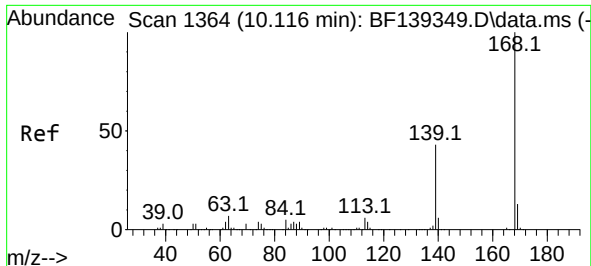
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#54
2,4-Dinitrophenol
Concen: 19.452 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

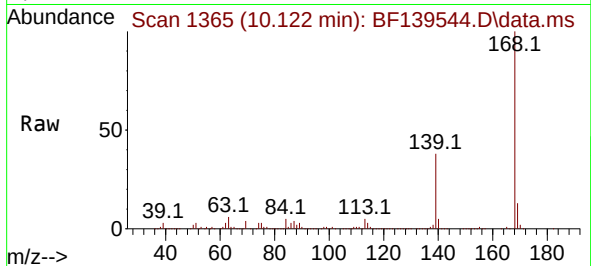
Tgt Ion:184 Resp: 19503
Ion Ratio Lower Upper
184 100
63 78.5 69.3 103.9
154 72.0 67.5 101.3





#55
Dibenzenofuran
Concen: 45.698 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

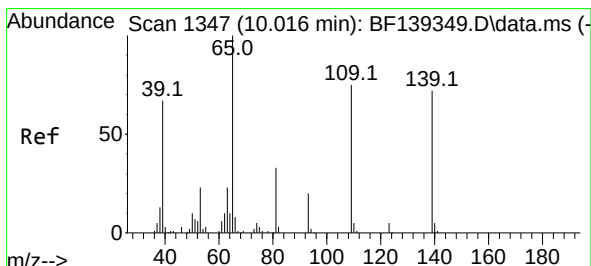
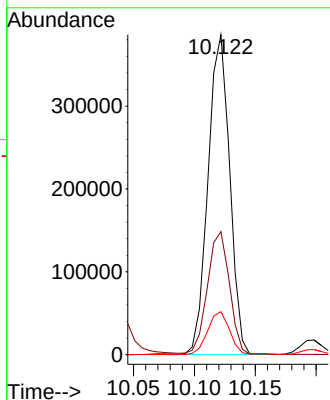
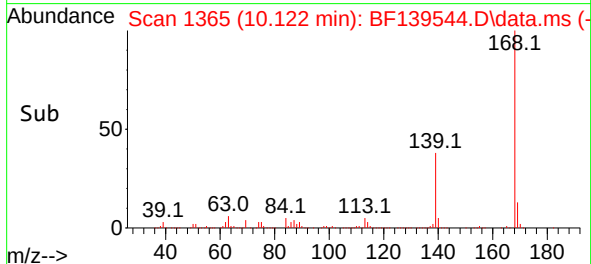
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



Tgt Ion:168 Resp: 476339
Ion Ratio Lower Upper
168 100
139 38.5 34.1 51.1
169 13.5 10.5 15.7

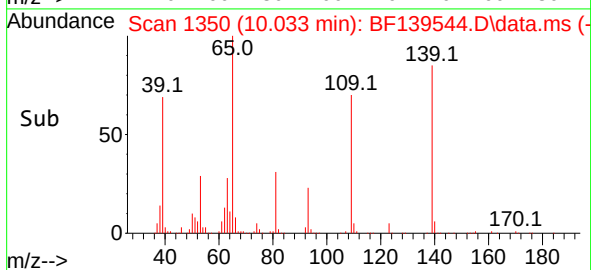
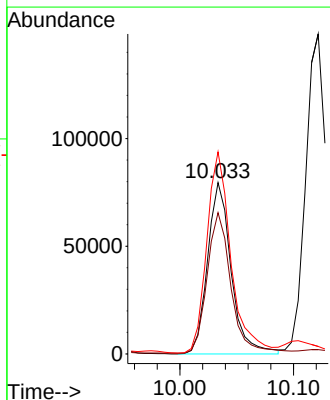
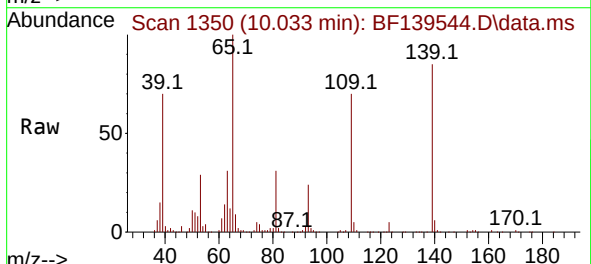
Manual Integrations
APPROVED

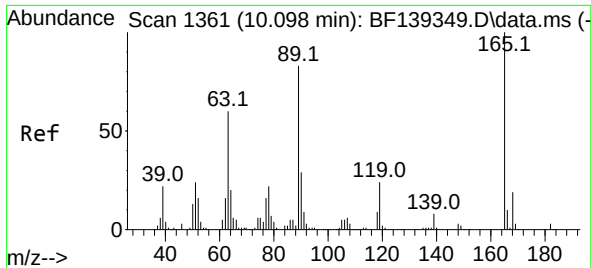
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#56
4-Nitrophenol
Concen: 77.252 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

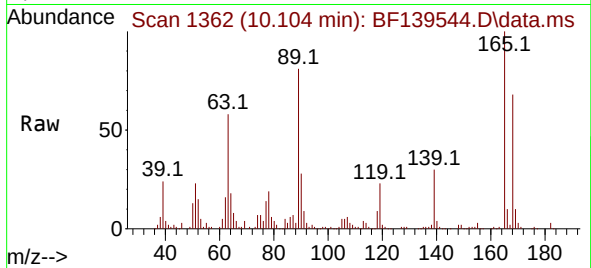
Tgt Ion:139 Resp: 114945
Ion Ratio Lower Upper
139 100
109 82.5 84.1 124.1#
65 118.0 120.0 160.0#





#57
2,4-Dinitrotoluene
Concen: 41.834 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

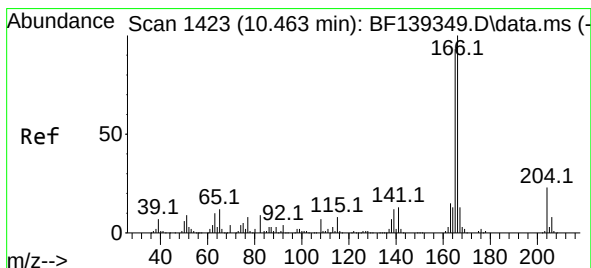
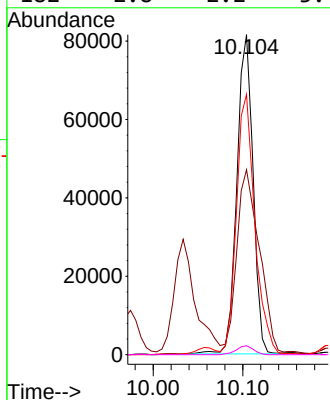
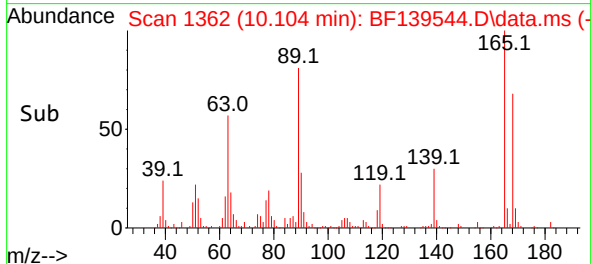
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



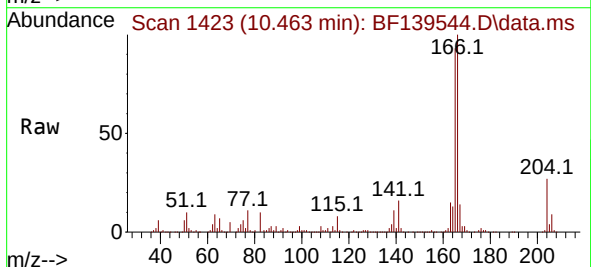
Tgt Ion:165 Resp: 101623
Ion Ratio Lower Upper
165 100
63 57.8 47.8 71.6
89 81.4 66.7 100.1
182 2.8 2.2 3.4

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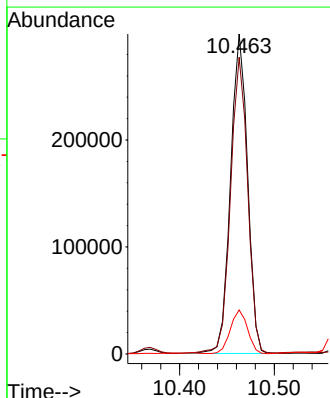
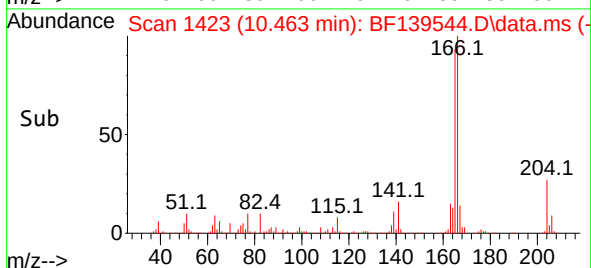
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

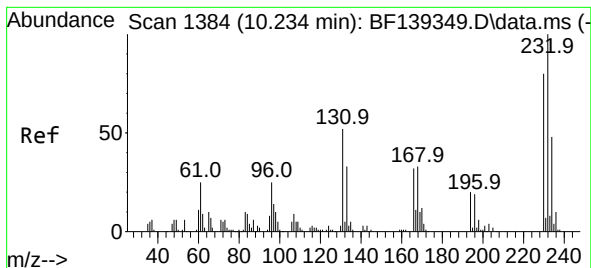


#58
Fluorene
Concen: 43.645 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



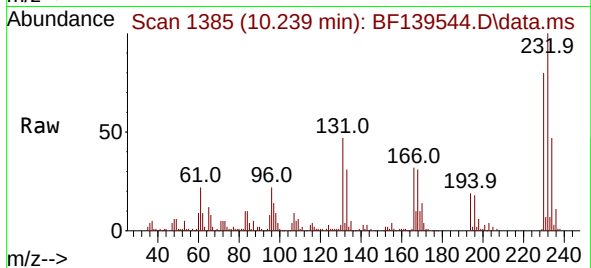
Tgt Ion:166 Resp: 371185
Ion Ratio Lower Upper
166 100
165 92.7 74.5 111.7
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.064 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

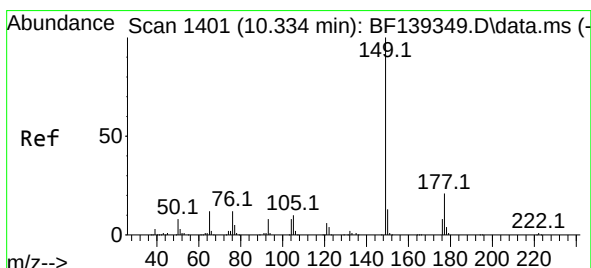
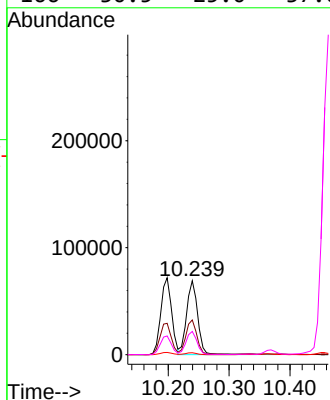
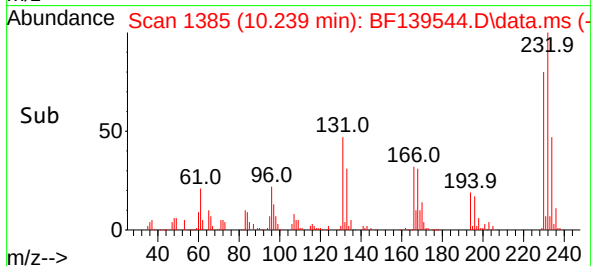
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



Tgt Ion:232 Resp: 87579
Ion Ratio Lower Upper
232 100
131 45.9 40.7 61.1
130 2.6 2.2 3.2
166 30.5 25.0 37.6

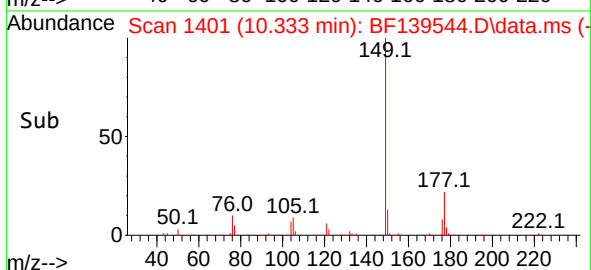
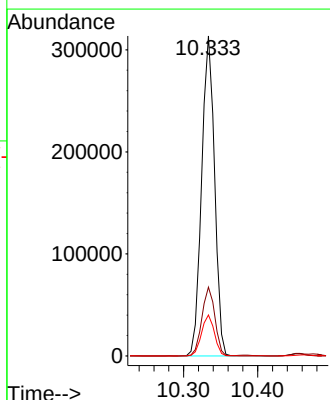
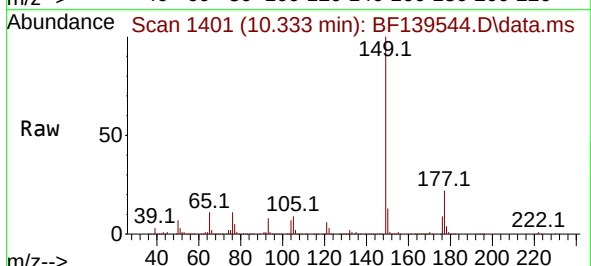
Manual Integrations
APPROVED

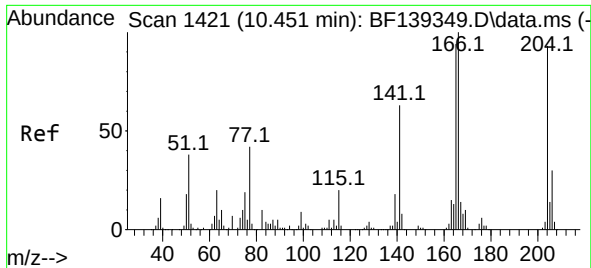
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#60
Diethylphthalate
Concen: 45.413 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

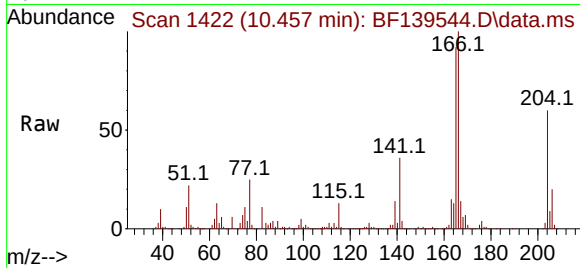
Tgt Ion:149 Resp: 380643
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.383 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

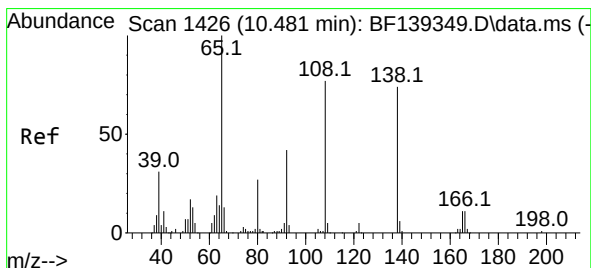
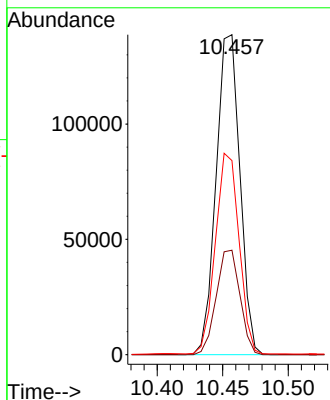
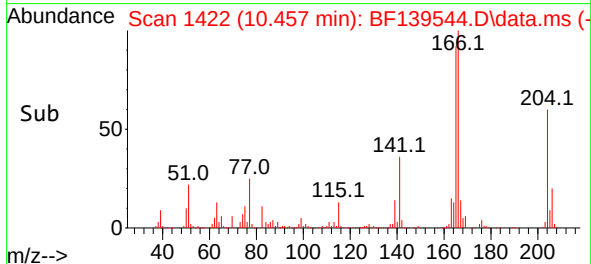
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



Tgt Ion:204 Resp: 17517
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.6 53.9 80.9

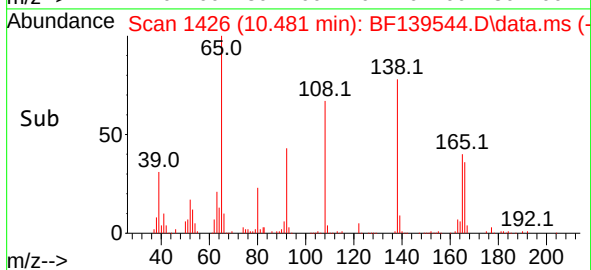
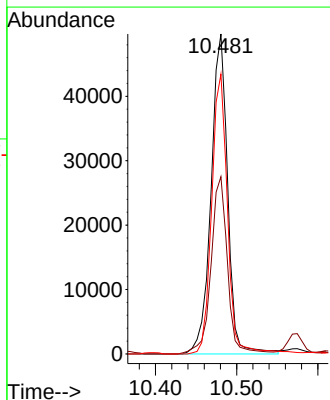
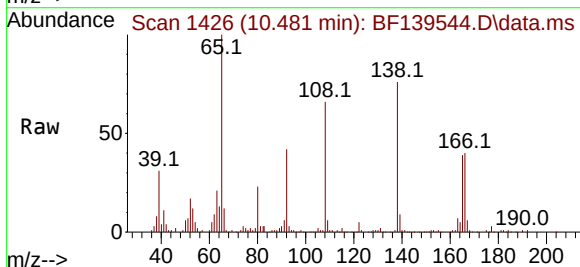
Manual Integrations
APPROVED

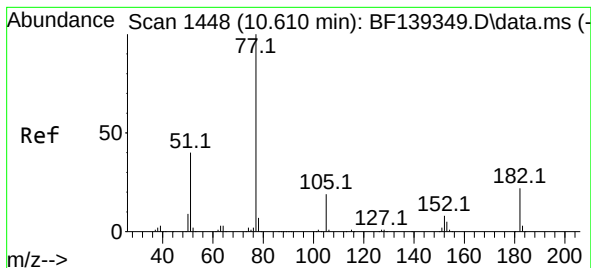
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#62
4-Nitroaniline
Concen: 36.069 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:138 Resp: 70787
Ion Ratio Lower Upper
138 100
92 55.4 37.0 77.0
108 87.5 84.4 124.4





#63

Azobenzene

Concen: 51.737 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion: 77 Resp: 426510

Ion Ratio Lower Upper

77 100

182 28.2 1.8 41.8

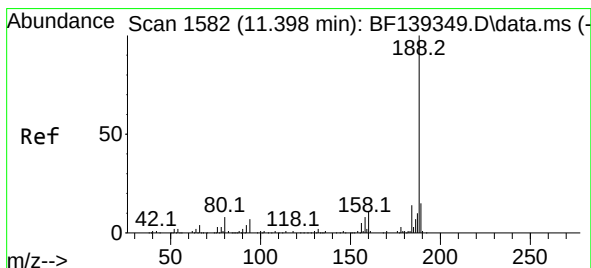
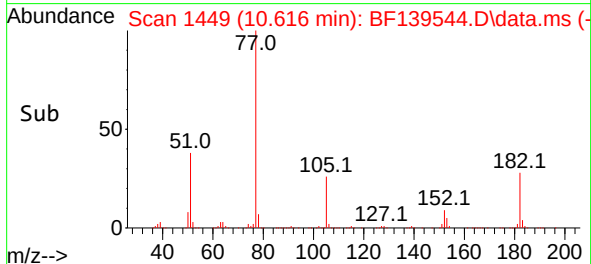
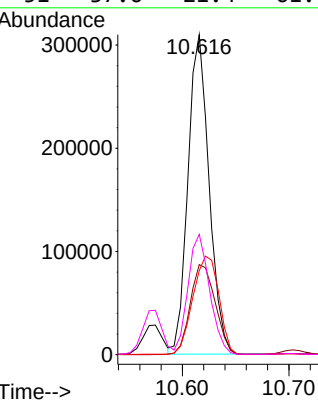
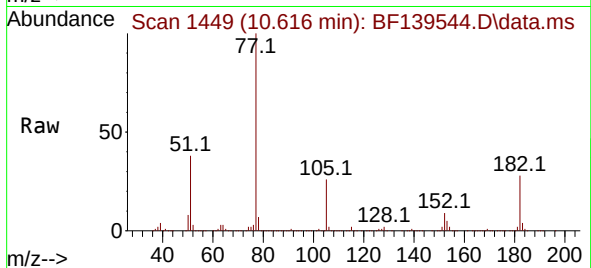
105 26.3 0.0 38.6

51 37.6 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: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

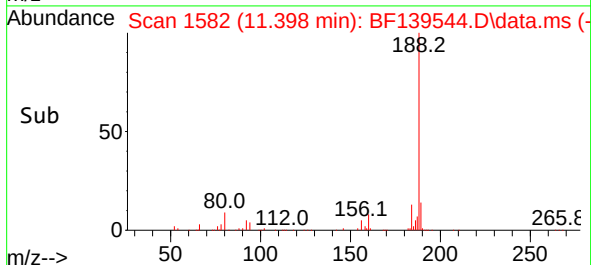
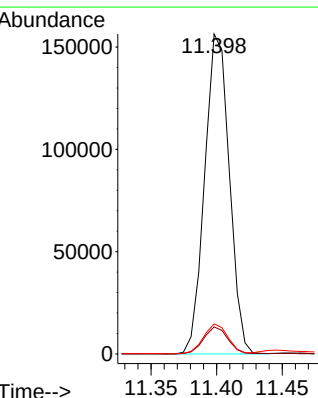
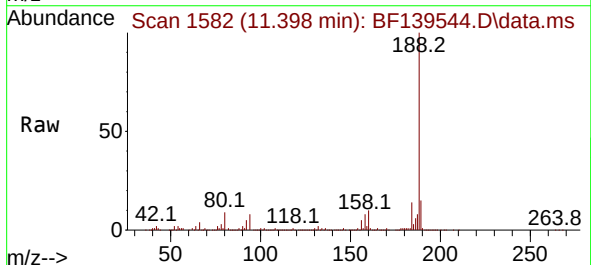
Tgt Ion:188 Resp: 204540

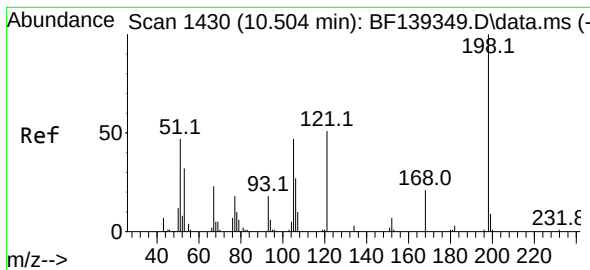
Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

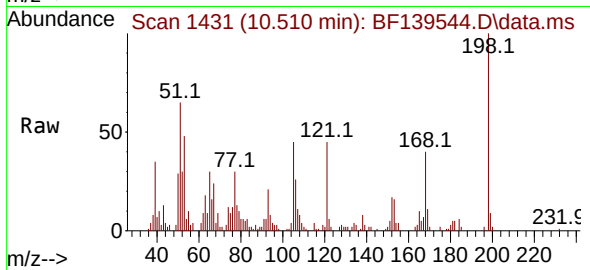
80 9.4 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 14.632 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

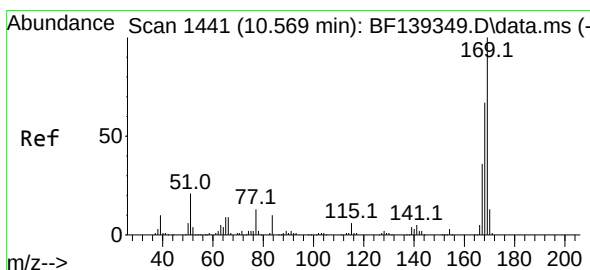
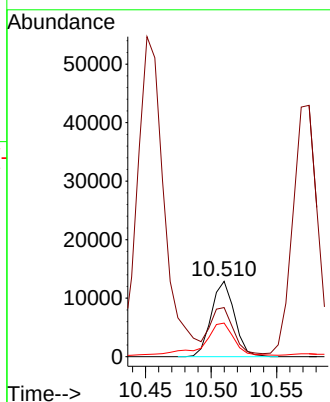
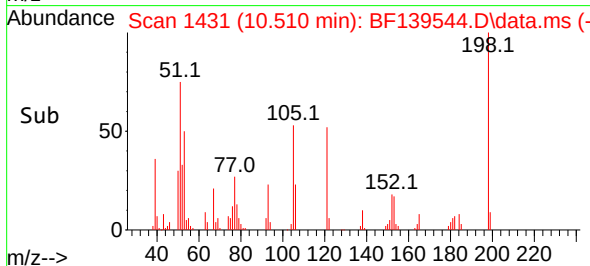
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



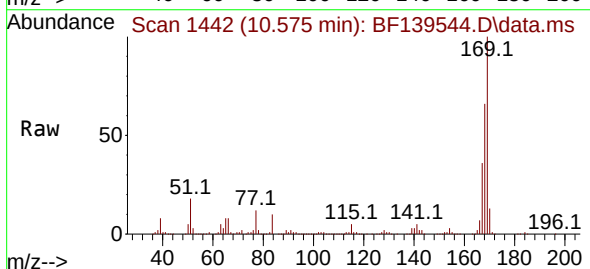
Tgt Ion:198 Resp: 15790
Ion Ratio Lower Upper
198 100
51 65.1 50.4 90.4
105 44.6 28.3 68.3

Manual Integrations
APPROVED

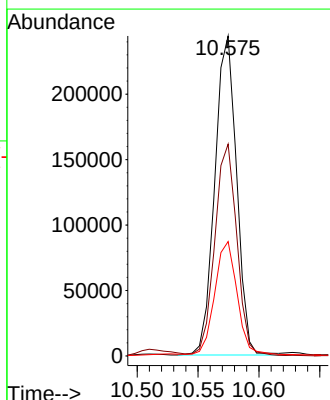
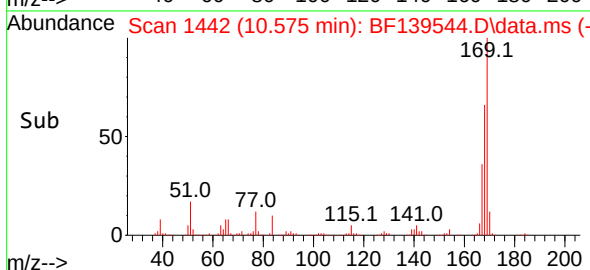
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

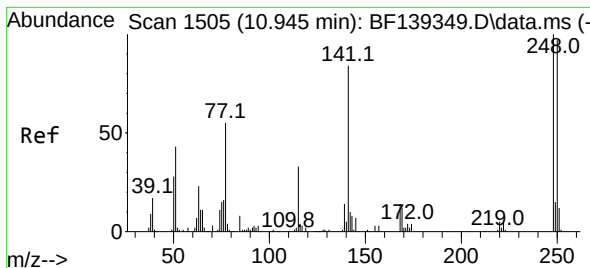


#66
n-Nitrosodiphenylamine
Concen: 50.847 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



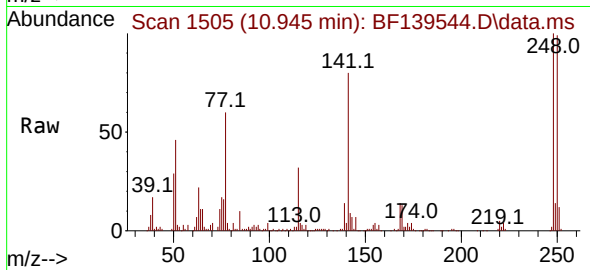
Tgt Ion:169 Resp: 304066
Ion Ratio Lower Upper
169 100
168 66.2 53.6 80.4
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.052 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

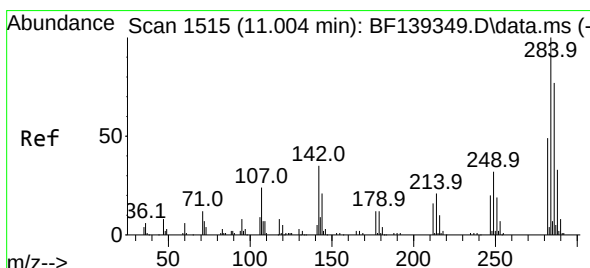
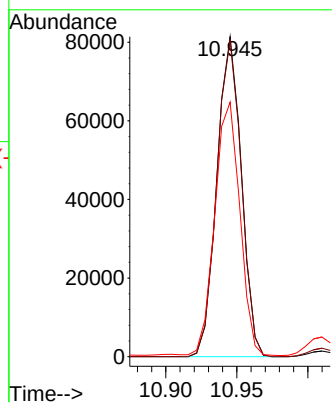
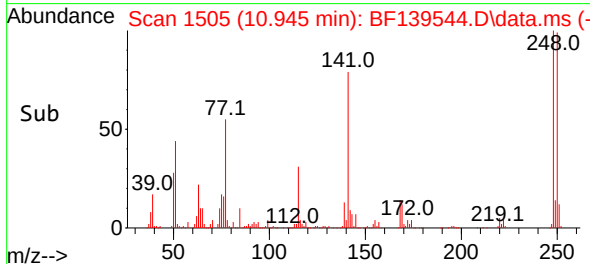
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



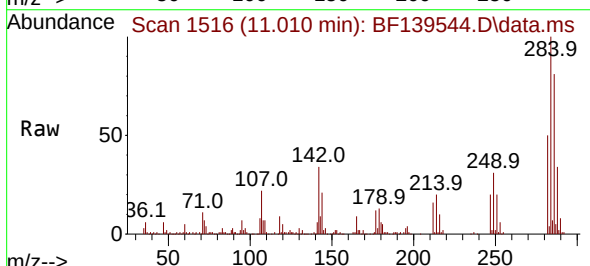
Tgt Ion:248 Resp: 97399
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 79.5 66.9 100.3

Manual Integrations
APPROVED

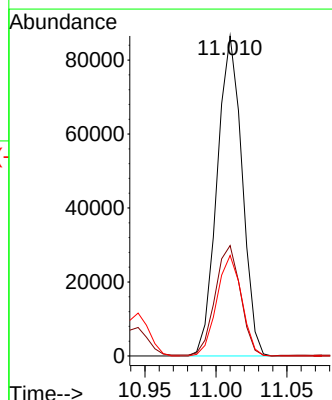
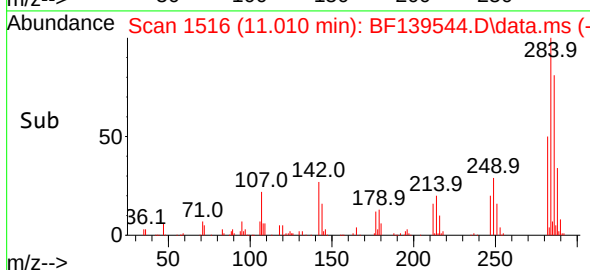
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

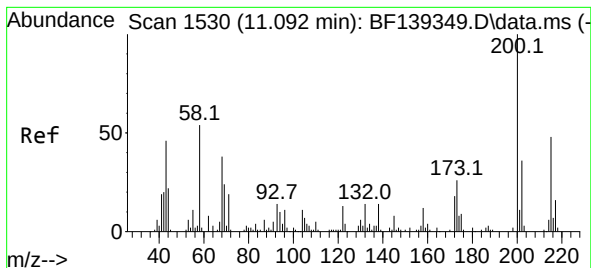


#68
Hexachlorobenzene
Concen: 44.416 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:284 Resp: 105661
Ion Ratio Lower Upper
284 100
142 34.5 28.0 42.0
249 31.4 25.3 37.9





#69

Atrazine

Concen: 65.525 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

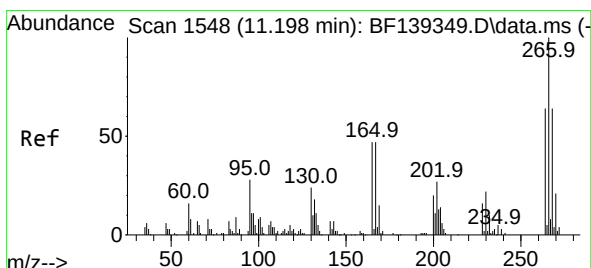
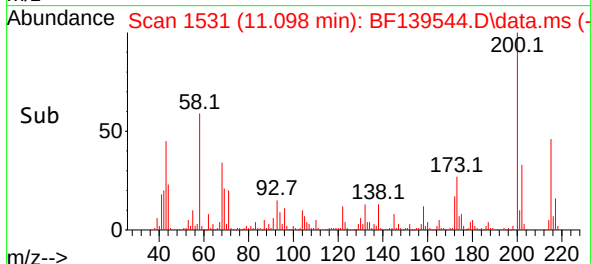
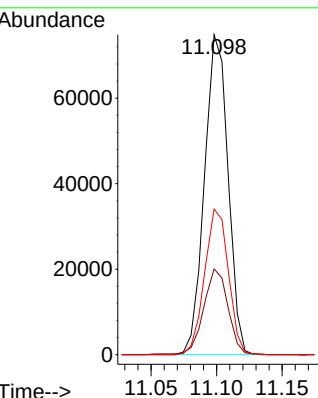
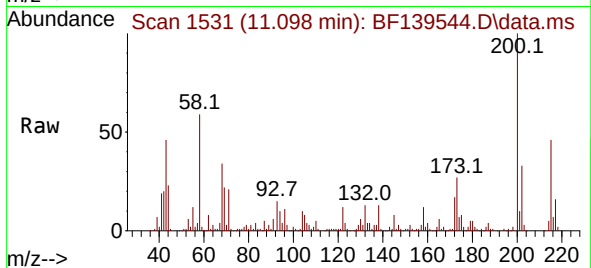
VNJ231MS

Tgt Ion:	200	Resp:	93280
Ion Ratio	Lower	Upper	
200	100		
173	26.8	6.1	46.1
215	45.5	28.2	68.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 80.632 ng

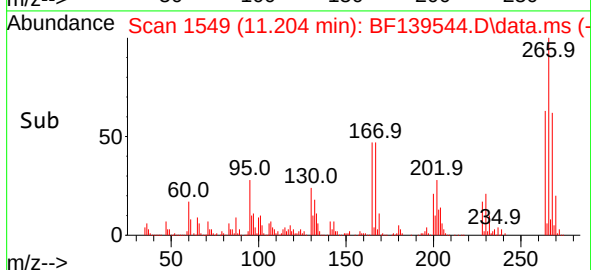
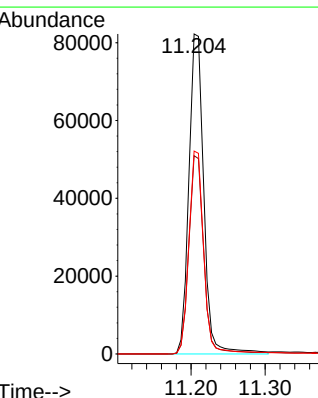
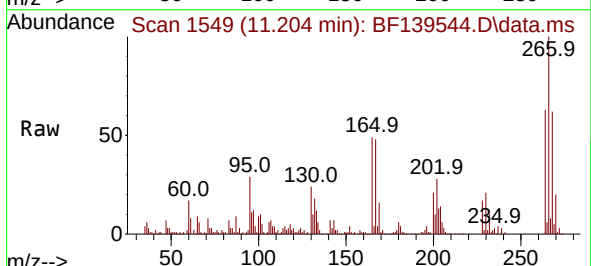
RT: 11.204 min Scan# 1549

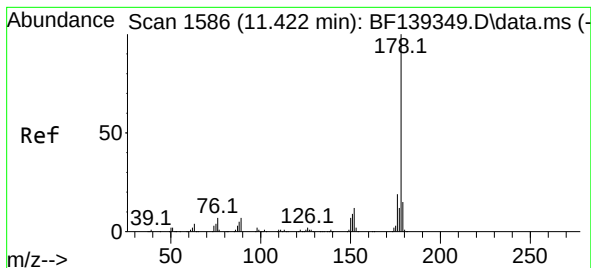
Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

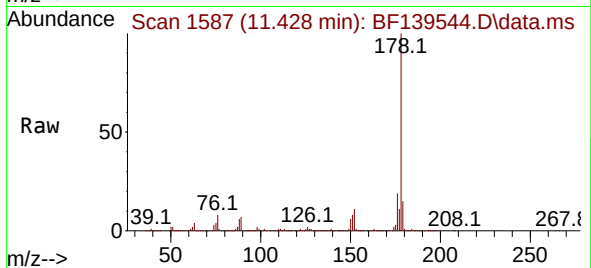
Tgt Ion:	266	Resp:	115096
Ion Ratio	Lower	Upper	
266	100		
268	61.9	51.1	76.7
264	63.4	51.4	77.0





#71
Phenanthrene
Concen: 61.810 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

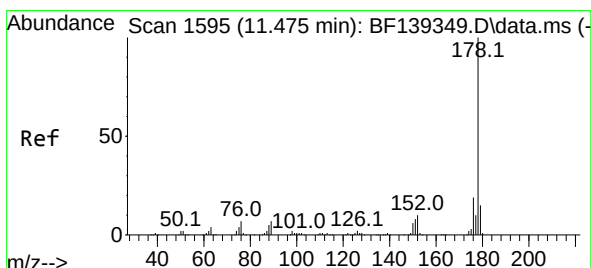
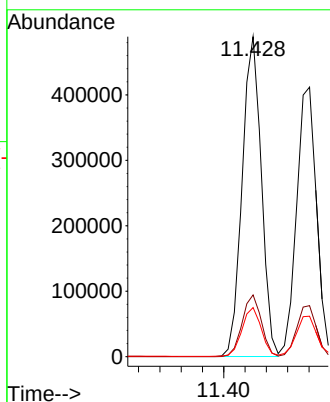
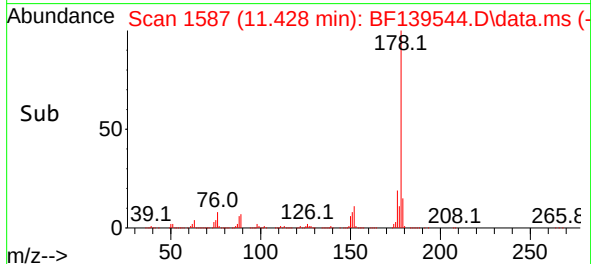
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



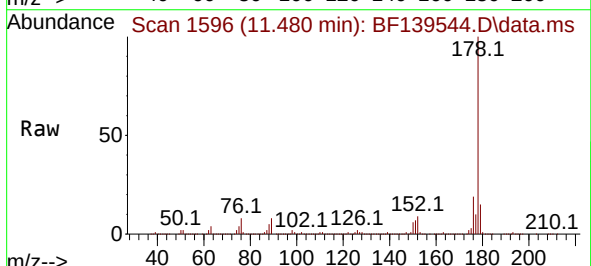
Tgt Ion:178 Resp: 609954
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.4 12.2 18.4

Manual Integrations
APPROVED

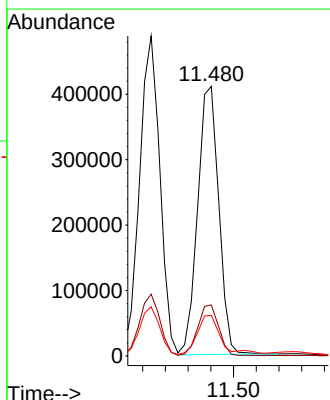
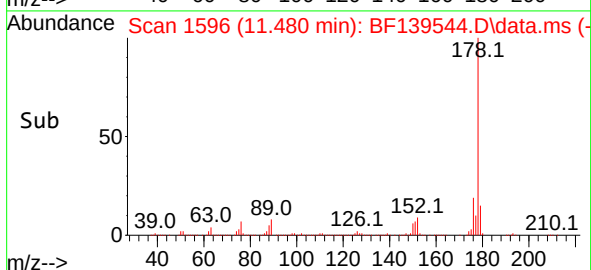
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

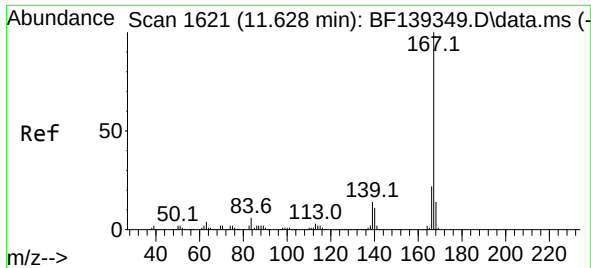


#72
Anthracene
Concen: 54.841 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



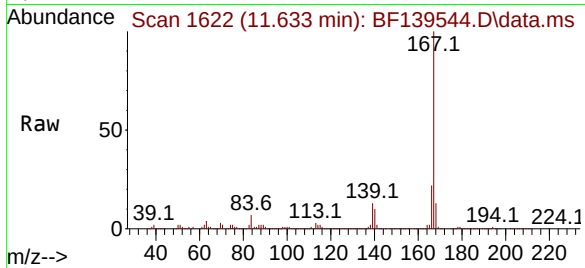
Tgt Ion:178 Resp: 529128
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 48.529 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139544.D
 Acq: 25 Sep 2024 22:37

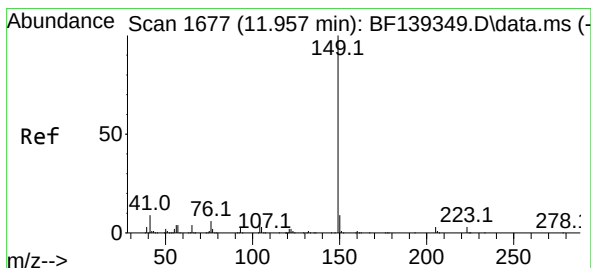
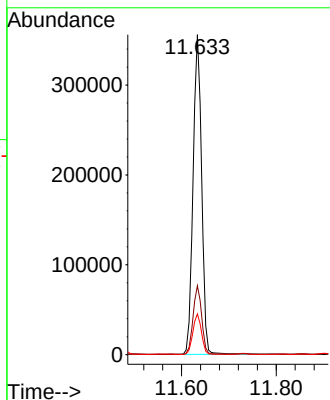
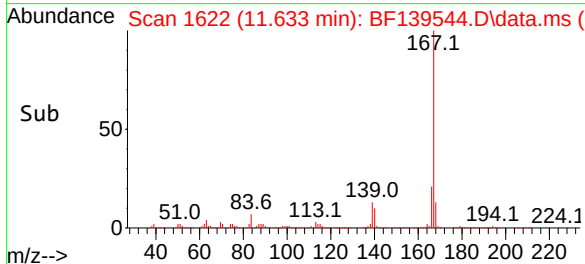
Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MS



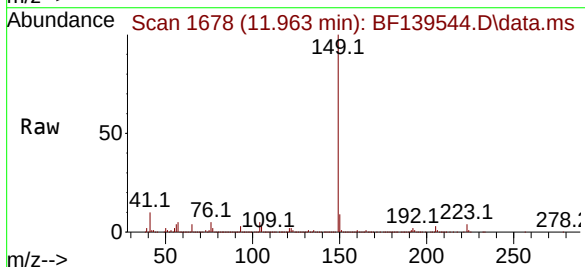
Tgt Ion:167 Resp: 44813
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.7 10.9 16.3

Manual Integrations
 APPROVED

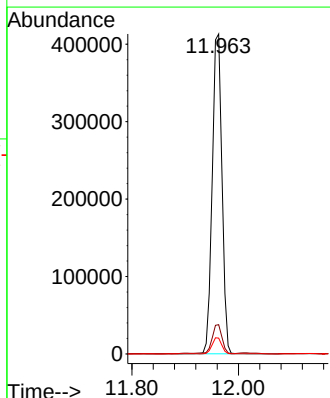
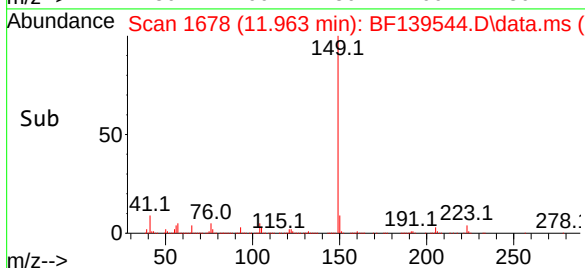
Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

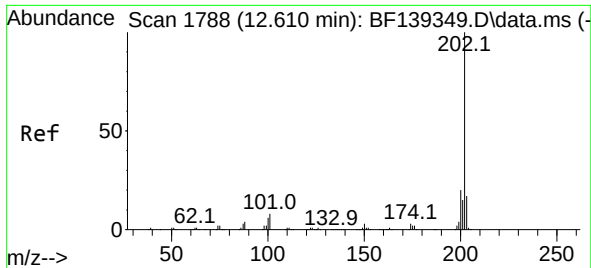


#74
 Di-n-butylphthalate
 Concen: 51.037 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF139544.D
 Acq: 25 Sep 2024 22:37



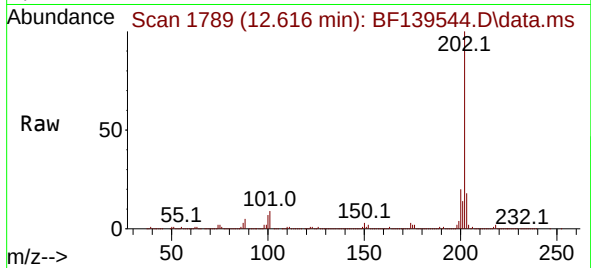
Tgt Ion:149 Resp: 525015
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 88.896 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

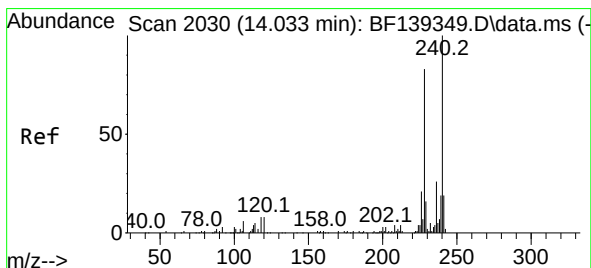
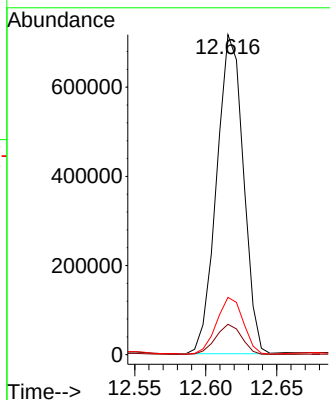
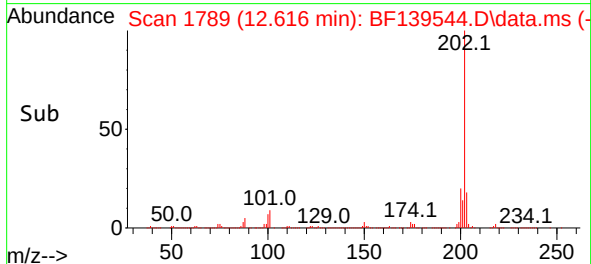
Instrument :
BNA_F
ClientSampleId :
VNJ231MS



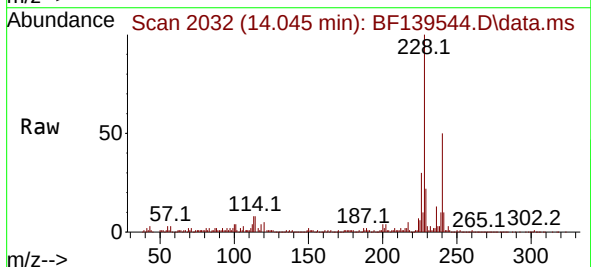
Tgt Ion:202 Resp: 936828
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 17.9 0.0 37.4

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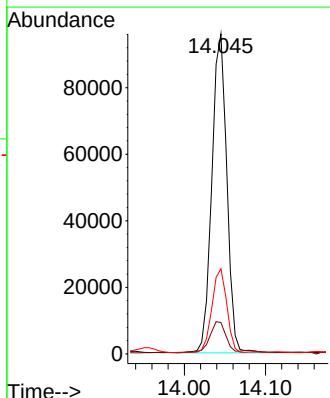
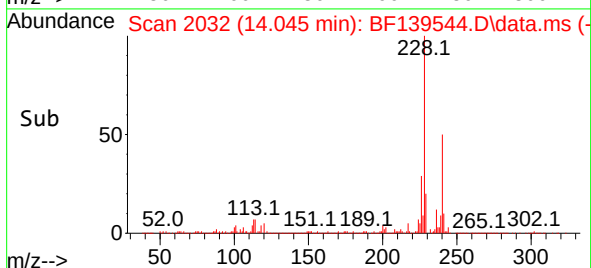
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

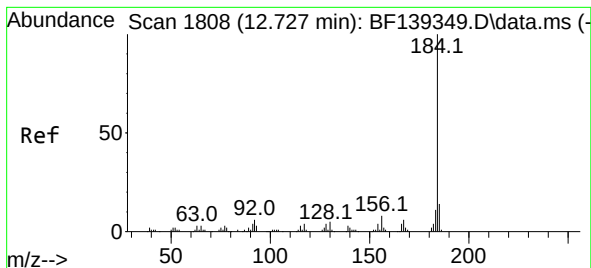


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37



Tgt Ion:240 Resp: 122880
Ion Ratio Lower Upper
240 100
120 9.8 6.2 9.2#
236 26.7 20.9 31.3





#77

Benzidine

Concen: 50.337 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

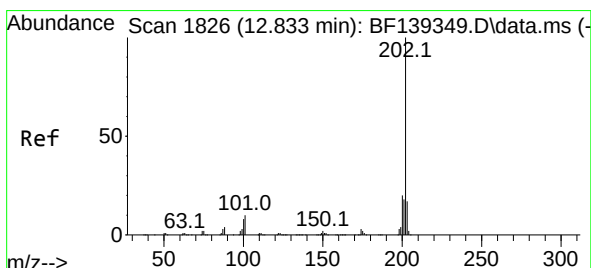
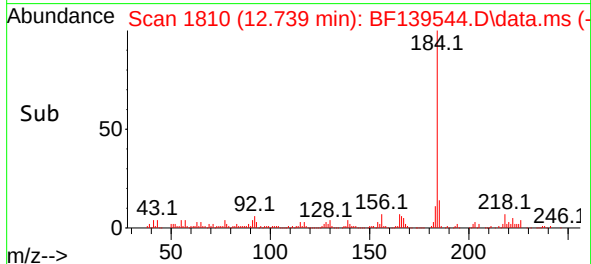
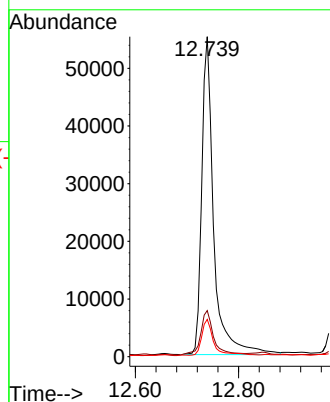
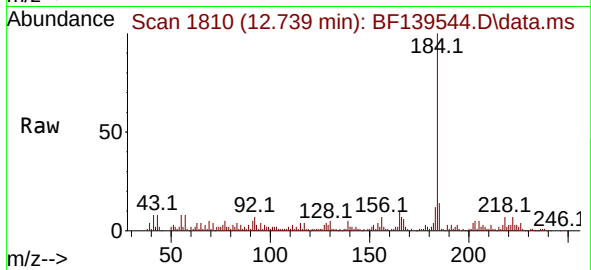
VNJ231MS

Tgt Ion:184	Resp:	88619
Ion Ratio	Lower	Upper
184	100	
185	14.4	11.5 17.3
183	11.6	8.9 13.3

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 95.459 ng

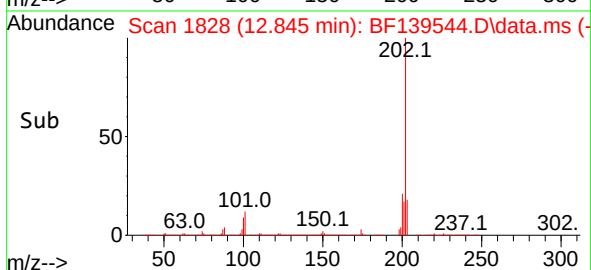
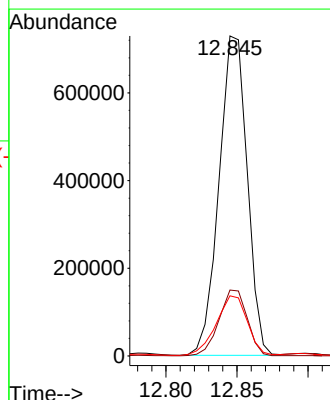
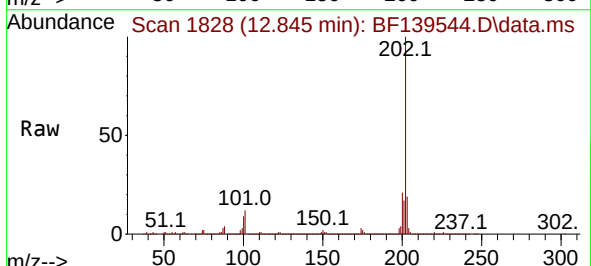
RT: 12.845 min Scan# 1828

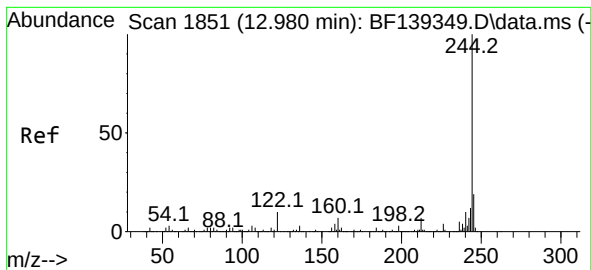
Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion:202	Resp:	1007177
Ion Ratio	Lower	Upper
202	100	
200	20.6	16.2 24.2
203	18.8	13.9 20.9





#79

Terphenyl-d14

Concen: 67.272 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:244 Resp: 503624

Ion Ratio Lower Upper

244 100

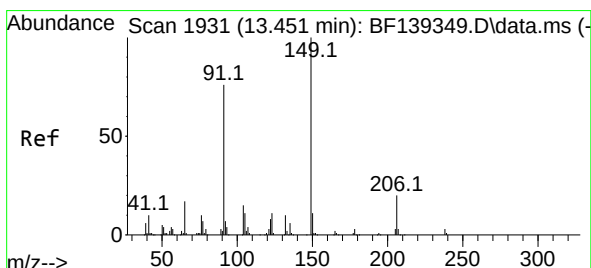
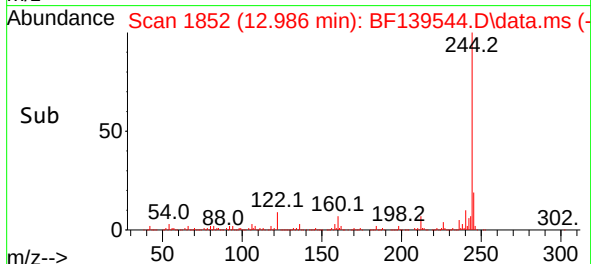
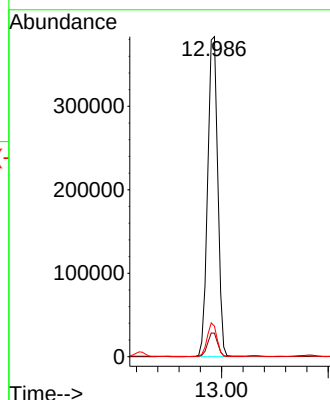
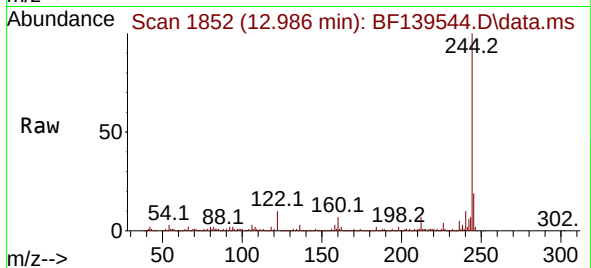
212 7.3 6.0 9.0

122 9.6 7.6 11.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 57.130 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

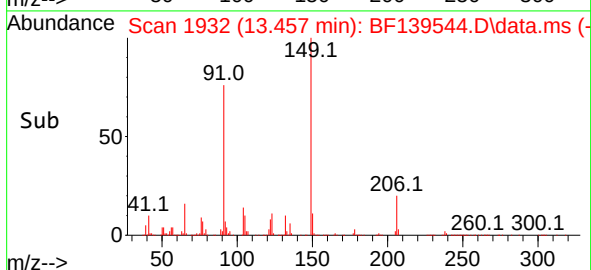
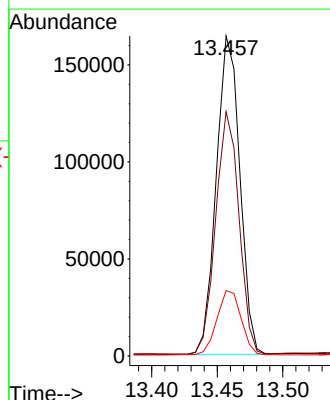
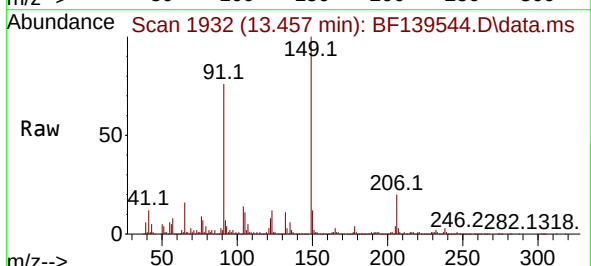
Tgt Ion:149 Resp: 205173

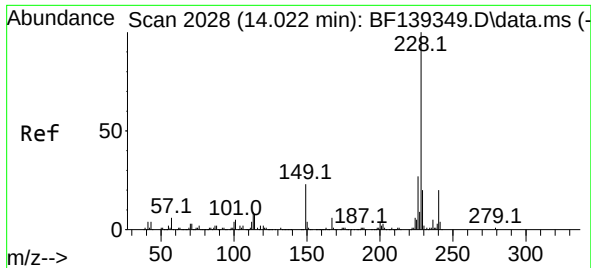
Ion Ratio Lower Upper

149 100

91 76.3 60.9 91.3

206 20.4 15.8 23.8





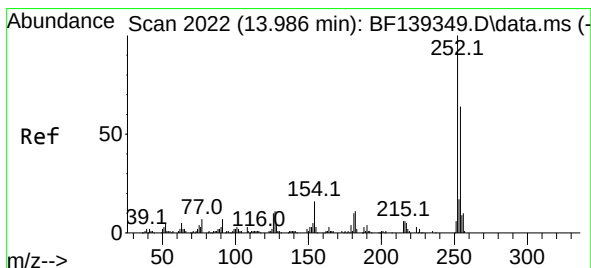
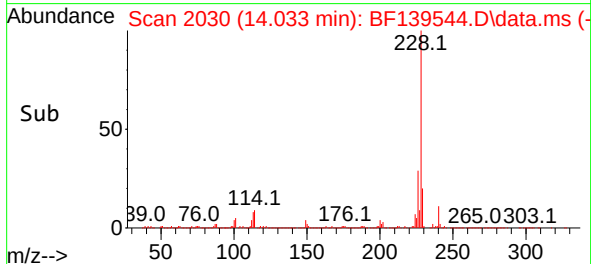
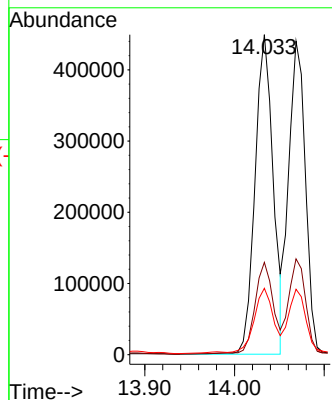
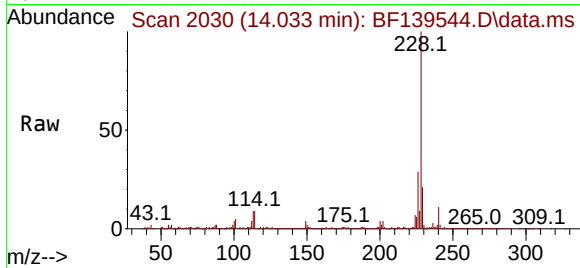
#81
Benzo(a)anthracene
Concen: 77.767 ng
RT: 14.033 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Tgt Ion:228 Resp: 63299
Ion Ratio Lower Upper
228 100
226 28.9 21.6 32.4
229 20.8 15.7 23.5

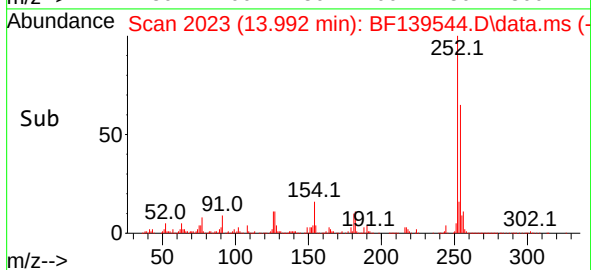
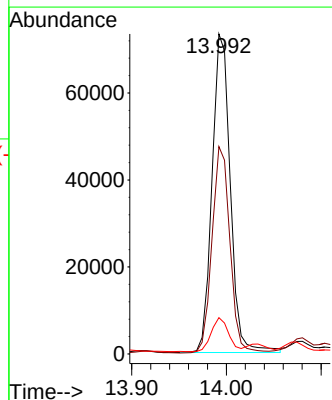
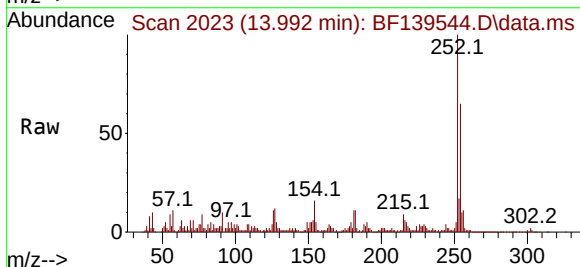
Manual Integrations
APPROVED

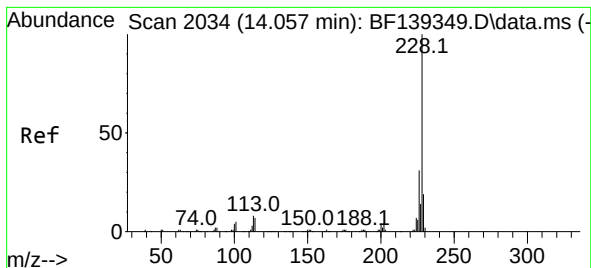
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.915 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:252 Resp: 97529
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 11.4 7.7 11.5





#83

Chrysene

Concen: 75.832 ng

RT: 14.069 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

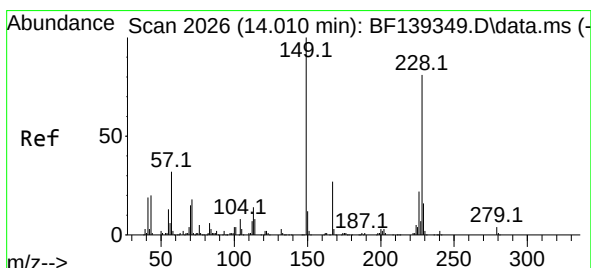
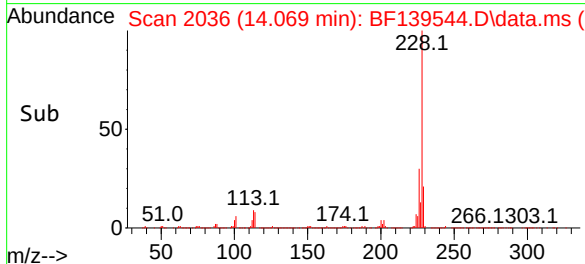
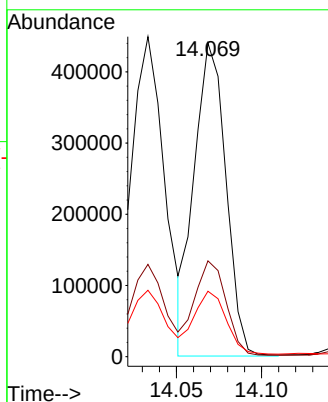
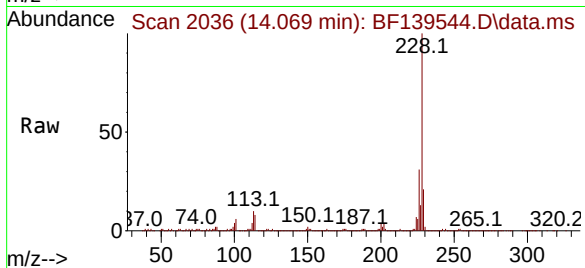
VNJ231MS

Tgt Ion:	228	Resp:	56786
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.1	36.1
229	20.9	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: 58.926 ng

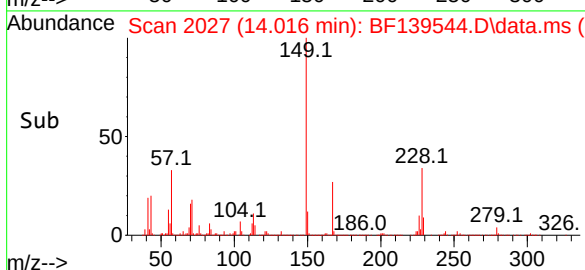
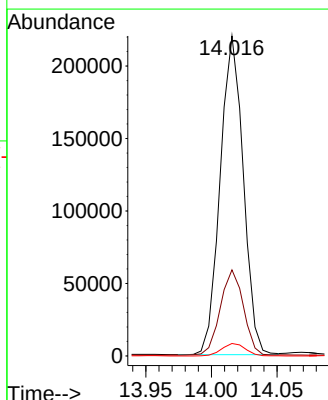
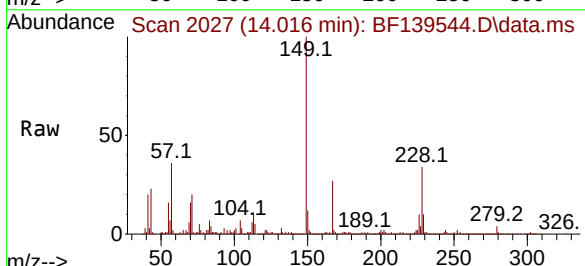
RT: 14.016 min Scan# 2027

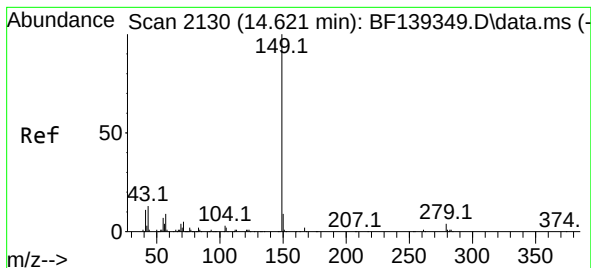
Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion:	149	Resp:	269210
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.6	32.4
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 61.109 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139544.D

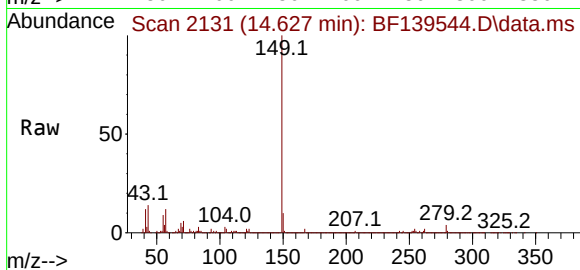
Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS



Tgt Ion:149 Resp: 41115

Ion Ratio Lower Upper

149 100

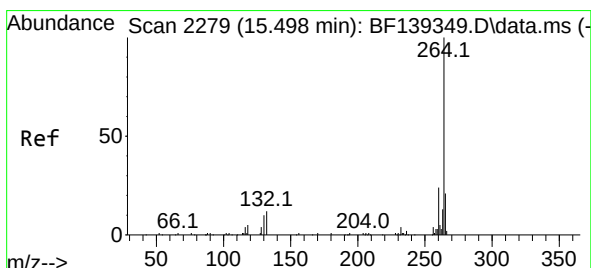
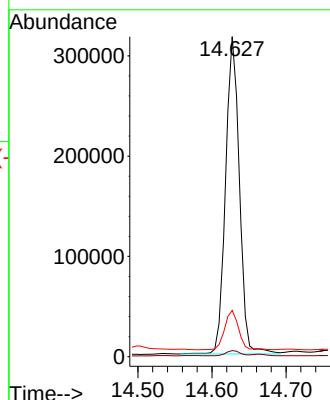
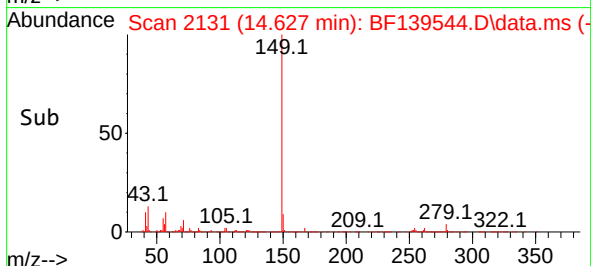
167 1.7 1.2 1.8

43 12.5 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: BF139544.D

Acq: 25 Sep 2024 22:37

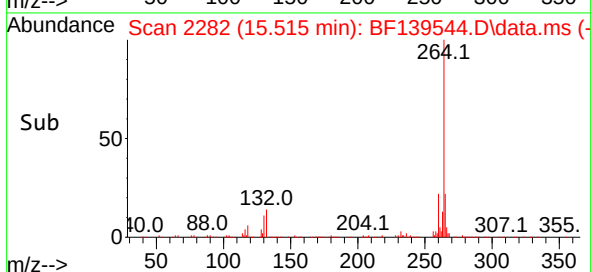
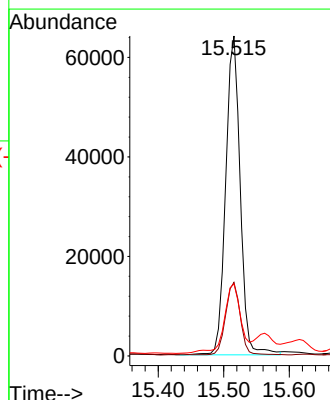
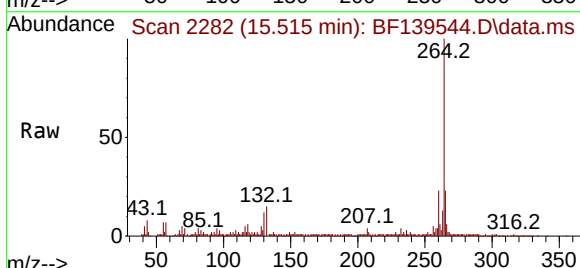
Tgt Ion:264 Resp: 98310

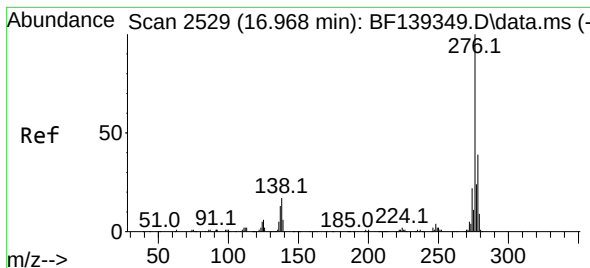
Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.240 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:276 Resp: 31123

Ion Ratio Lower Upper

276 100

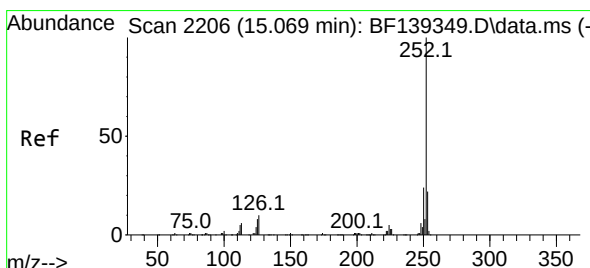
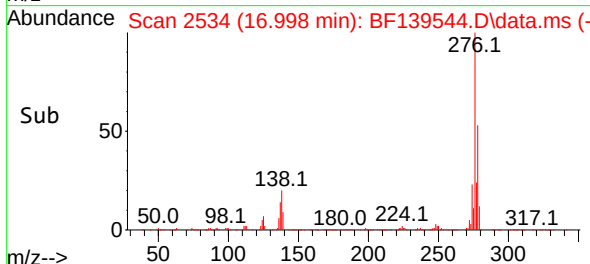
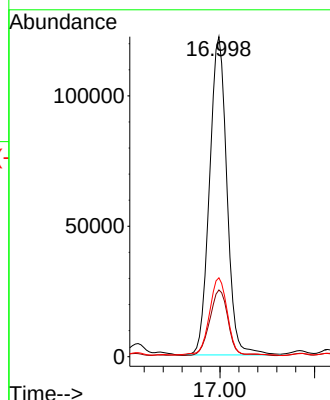
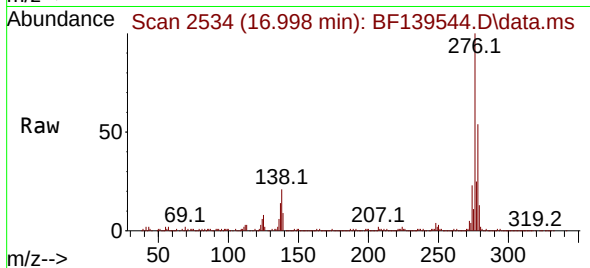
138 21.9 15.4 23.2

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: 79.173 ng m

RT: 15.086 min Scan# 2209

Delta R.T. 0.018 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

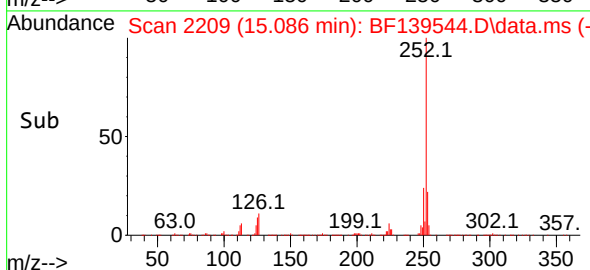
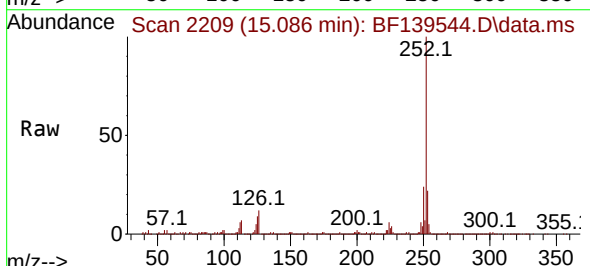
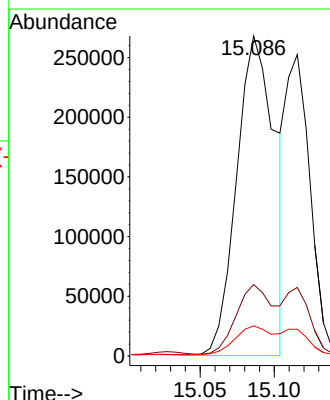
Tgt Ion:252 Resp: 480039

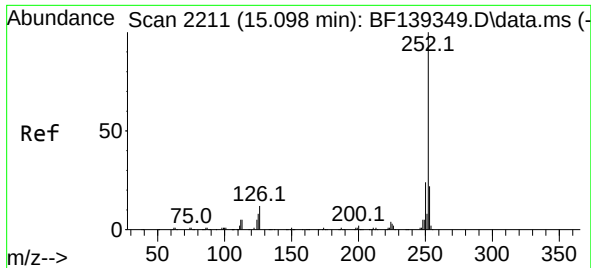
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.4 6.2 9.2#





#89

Benzo(k)fluoranthene

Concen: 50.780 ng

RT: 15.116 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:252 Resp: 28388

Ion Ratio Lower Upper

252 100

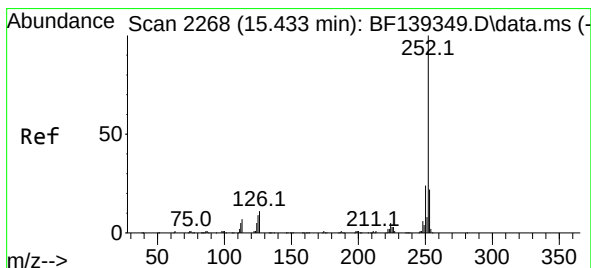
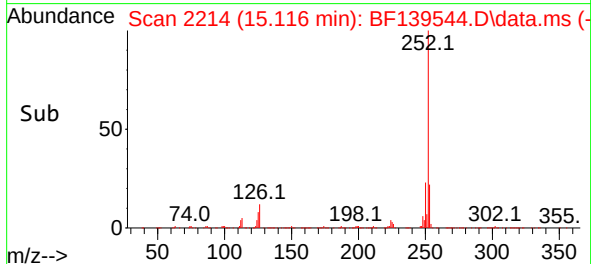
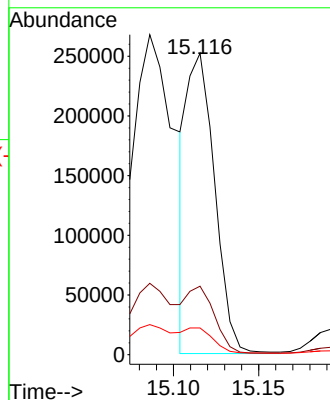
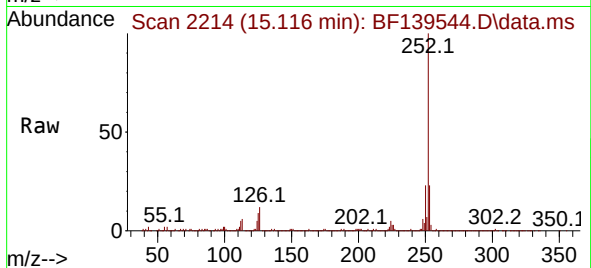
253 22.7 17.3 25.9

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: 71.762 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.023 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

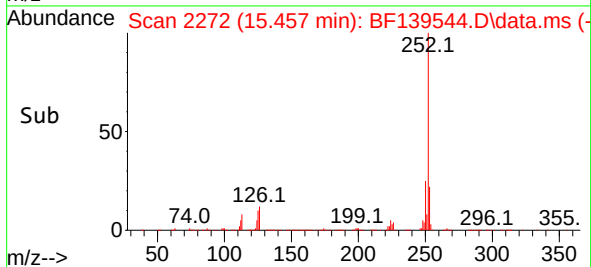
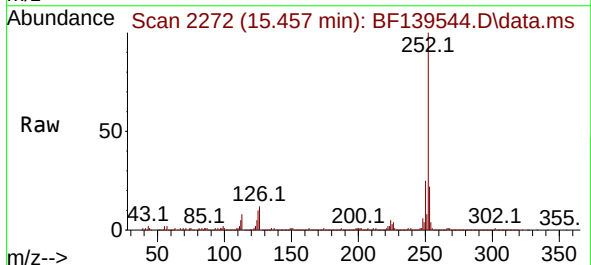
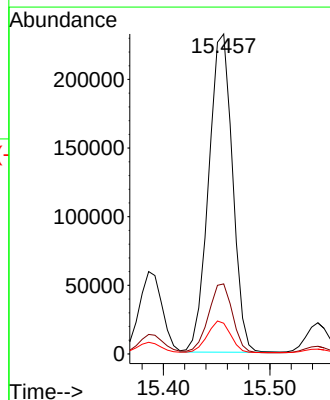
Tgt Ion:252 Resp: 360849

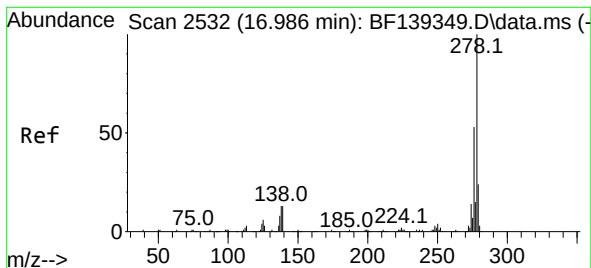
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.6 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 44.479 ng

RT: 17.009 min Scan# 21485

Delta R.T. 0.023 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:278 Resp: 21485

Ion Ratio Lower Upper

278 100

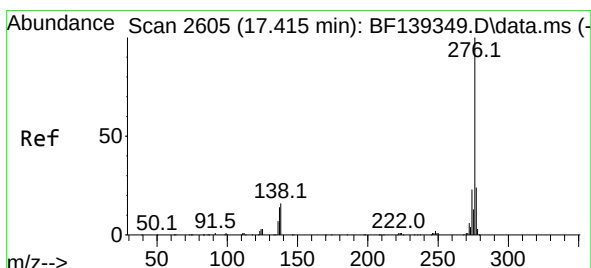
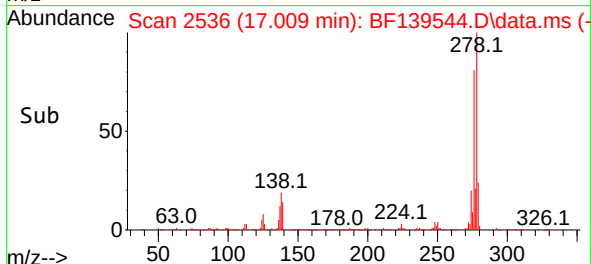
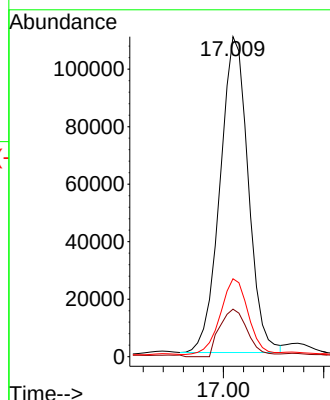
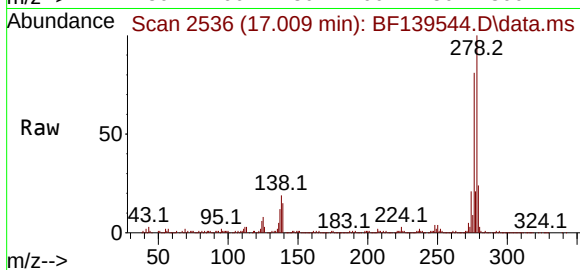
139 14.8 10.2 15.2

279 24.3 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: 51.226 ng

RT: 17.445 min Scan# 2610

Delta R.T. 0.029 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion:276 Resp: 245006

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 19.8 13.0 19.6#

