

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139515.D
 Acq On : 24 Sep 2024 12:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 24 13:08:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:58:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75205	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	271569	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148298	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	275994	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	144030	20.000	ng	0.00
86) Perylene-d12	15.510	264	146456	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	360776	78.260	ng	0.00
7) Phenol-d6	6.510	99	474170	78.363	ng	0.00
23) Nitrobenzene-d5	7.439	82	439165	76.024	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	112924	71.525	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	781191	73.881	ng	0.00
79) Terphenyl-d14	12.986	244	719617	82.009	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	76845	41.548	ng	97
3) Pyridine	3.399	79	188232	46.160	ng	97
4) n-Nitrosodimethylamine	3.357	42	126546	35.803	ng	# 83
6) Aniline	6.545	93	172114	37.691	ng	100
8) 2-Chlorophenol	6.663	128	187022	39.411	ng	99
9) Benzaldehyde	6.428	77	128913	36.875	ng	97
10) Phenol	6.522	94	247149	40.103	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	190712	40.715	ng	99
12) 1,3-Dichlorobenzene	6.816	146	209769	38.869	ng	99
13) 1,4-Dichlorobenzene	6.898	146	212668	38.995	ng	99
14) 1,2-Dichlorobenzene	7.051	146	203290	39.449	ng	97
15) Benzyl Alcohol	7.022	79	174892	36.228	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313161	43.382	ng	95
17) 2-Methylphenol	7.134	107	148802	39.467	ng	97
18) Hexachloroethane	7.387	117	79095	38.077	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	135937	37.911	ng	99
20) 3+4-Methylphenols	7.287	107	191198	37.170	ng	# 84
22) Acetophenone	7.287	105	261807	36.876	ng	97
24) Nitrobenzene	7.463	77	227150	38.206	ng	98
25) Isophorone	7.698	82	354802	38.836	ng	99
26) 2-Nitrophenol	7.775	139	96594	41.702	ng	92
27) 2,4-Dimethylphenol	7.810	122	122038m	39.942	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	211716	40.662	ng	98
29) 2,4-Dichlorophenol	8.022	162	154533	39.812	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	175027	38.700	ng	99
31) Naphthalene	8.181	128	557825	39.346	ng	100
32) Benzoic acid	7.928	122	109092	38.153	ng	94
33) 4-Chloroaniline	8.234	127	178166	41.078	ng	98
34) Hexachlorobutadiene	8.298	225	114094	37.132	ng	99
35) Caprolactam	8.598	113	49098	41.120	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	168534	37.992	ng	96
37) 2-Methylnaphthalene	8.875	142	346918	38.551	ng	99
38) 1-Methylnaphthalene	8.969	142	337583	38.210	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	167090	38.017	ng	99
41) Hexachlorocyclopentadiene	9.022	237	53081	34.590	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	112223	39.247	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	119961	39.772	ng	99
46) 1,1'-Biphenyl	9.333	154	441475	38.695	ng	99
47) 2-Chloronaphthalene	9.363	162	331226	38.829	ng	99
48) 2-Nitroaniline	9.457	65	123911	39.053	ng	99
49) Acenaphthylene	9.775	152	505026	39.330	ng	99
50) Dimethylphthalate	9.633	163	365361	37.537	ng	100
51) 2,6-Dinitrotoluene	9.698	165	87425	40.545	ng	93
52) Acenaphthene	9.951	154	339508	37.883	ng	99
53) 3-Nitroaniline	9.869	138	88286	40.969	ng	94
54) 2,4-Dinitrophenol	9.975	184	46023	38.304	ng	88
55) Dibenzofuran	10.122	168	482149	38.599	ng	95
56) 4-Nitrophenol	10.028	139	67648	37.938	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	116142	39.896	ng	95
58) Fluorene	10.463	166	381651	37.447	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	94509	37.878	ng	95
60) Diethylphthalate	10.333	149	379320	37.764	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	182163	36.777	ng	97
62) 4-Nitroaniline	10.480	138	83815	35.638	ng	87
63) Azobenzene	10.616	77	380244	38.489	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	60399	41.464	ng	95
66) n-Nitrosodiphenylamine	10.575	169	318326	39.450	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	107640	39.356	ng	98
68) Hexachlorobenzene	11.010	284	121934	37.987	ng	99
69) Atrazine	11.098	200	68453	35.634	ng	98
70) Pentachlorophenol	11.204	266	73136	37.972	ng	98
71) Phenanthrene	11.427	178	519578	39.020	ng	100
72) Anthracene	11.475	178	522939	40.168	ng	99
73) Carbazole	11.633	167	503393	40.399	ng	98
74) Di-n-butylphthalate	11.957	149	542817	39.107	ng	99
75) Fluoranthene	12.610	202	551449	38.780	ng	98
77) Benzidine	12.745	184	44920	21.769	ng	100
78) Pyrene	12.839	202	555668	44.932	ng	99
80) Butylbenzylphthalate	13.457	149	170793	40.574	ng	97
81) Benzo(a)anthracene	14.027	228	367022	38.470	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	94730	33.905	ng	99
83) Chrysene	14.063	228	347059	39.540	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	198852	37.134	ng	100
85) Di-n-octyl phthalate	14.627	149	284732	36.105	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	391949	45.007	ng	96
88) Benzo(b)fluoranthene	15.080	252	346382	38.349	ng	98
89) Benzo(k)fluoranthene	15.110	252	305745	36.712	ng	98
90) Benzo(a)pyrene	15.445	252	296420	39.570	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	319732	44.431	ng	98
92) Benzo(g,h,i)perylene	17.439	276	336555	47.235	ng	97

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



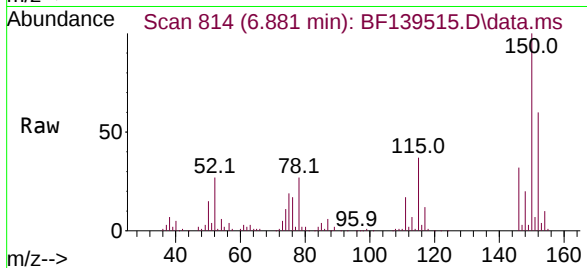
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

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SSTDCCC040

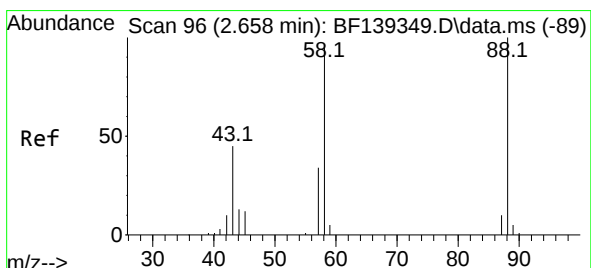
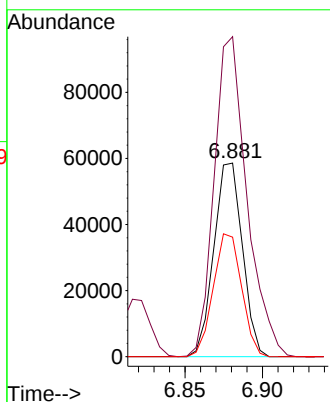
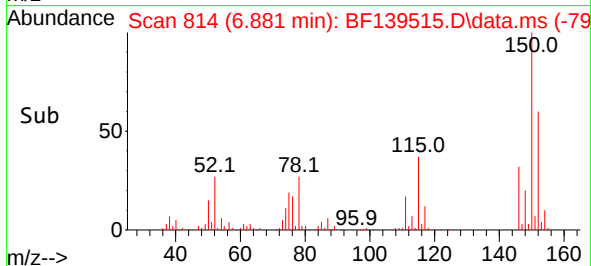


Tgt Ion:152 Resp: 75205
Ion Ratio Lower Upper
152 100
150 165.3 124.1 186.1
115 61.7 48.1 72.1

Manual Integrations

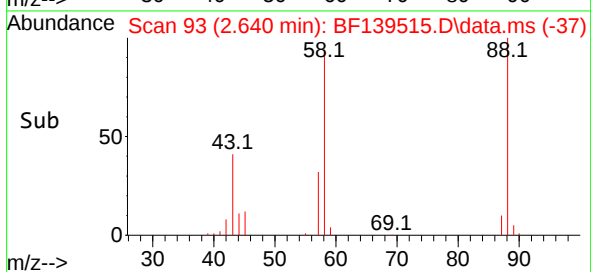
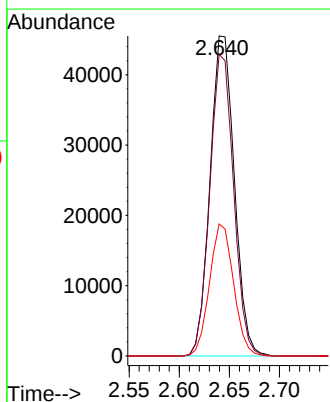
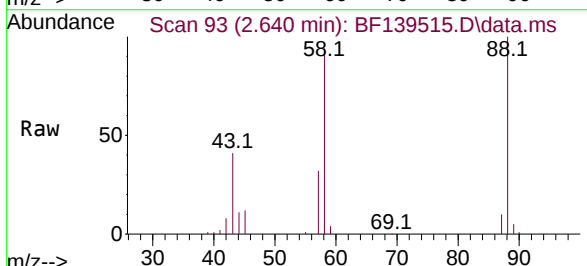
APPROVED

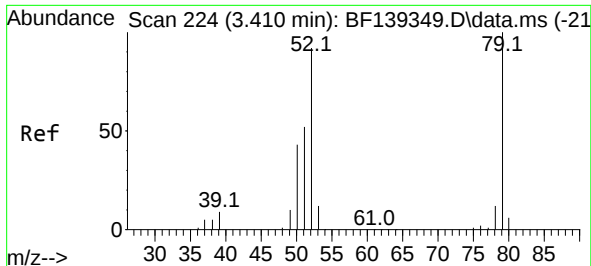
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 41.548 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.018 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion: 88 Resp: 76845
Ion Ratio Lower Upper
88 100
58 92.2 74.8 112.2
43 40.8 36.4 54.6





#3

Pyridine

Concen: 46.160 ng

RT: 3.399 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 18823

Ion Ratio Lower Upper

79 100

52 91.5 73.8 110.8

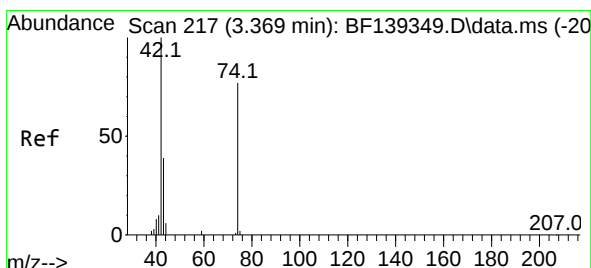
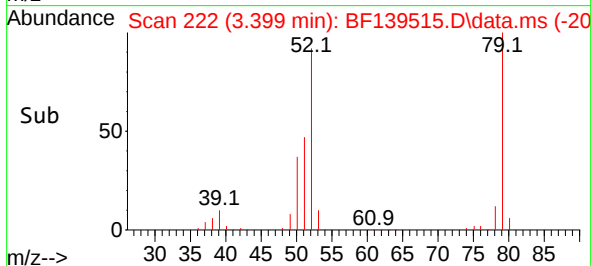
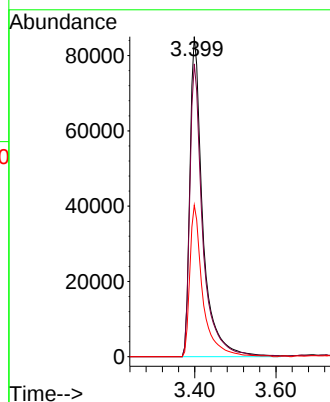
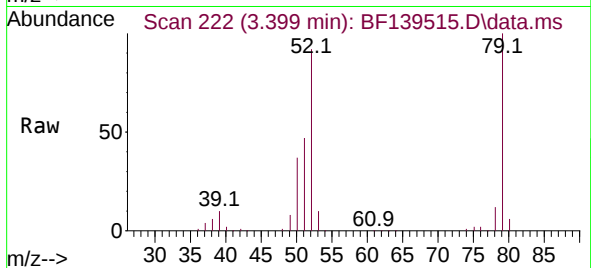
51 47.4 41.8 62.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#4

n-Nitrosodimethylamine

Concen: 35.803 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.012 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

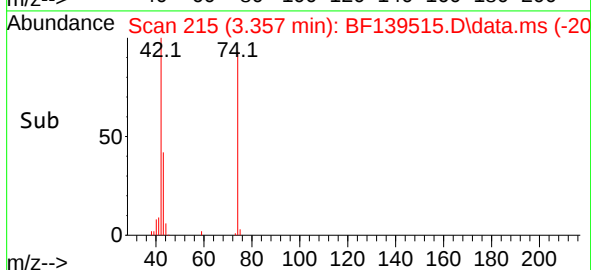
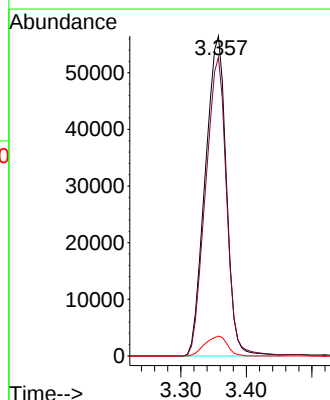
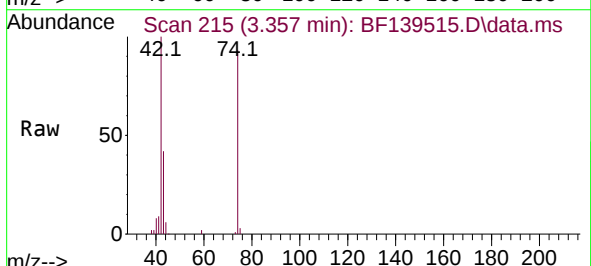
Tgt Ion: 42 Resp: 126546

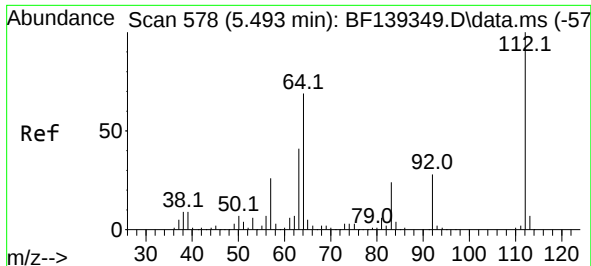
Ion Ratio Lower Upper

42 100

74 93.4 61.8 92.8

44 6.2 4.8 7.2





#5
2-Fluorophenol
Concen: 78.260 ng
RT: 5.493 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

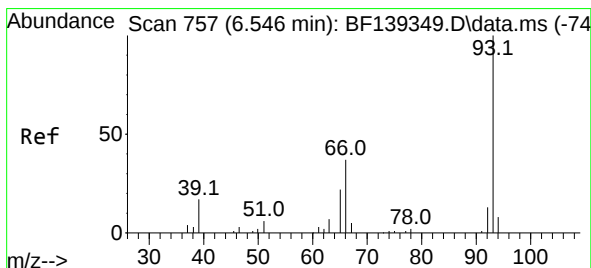
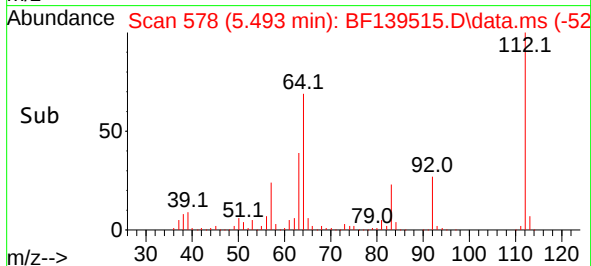
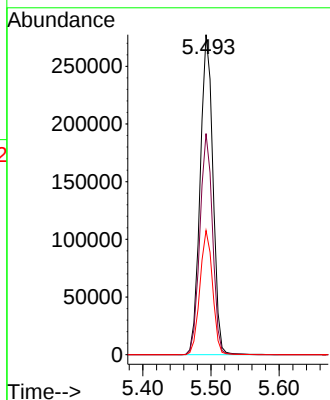
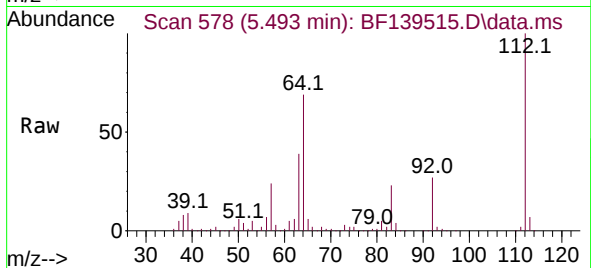
SSTDCCC040

Tgt Ion:112 Resp: 360770
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 38.8 33.0 49.4

Manual Integrations

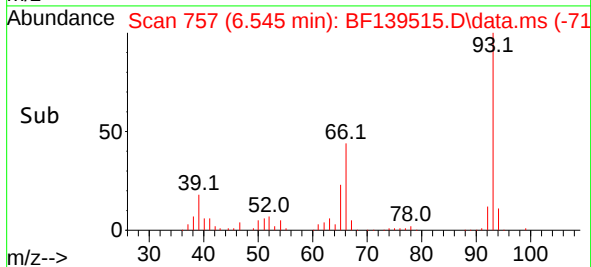
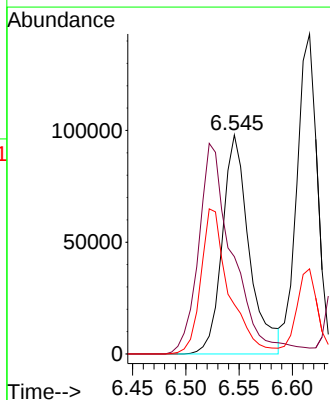
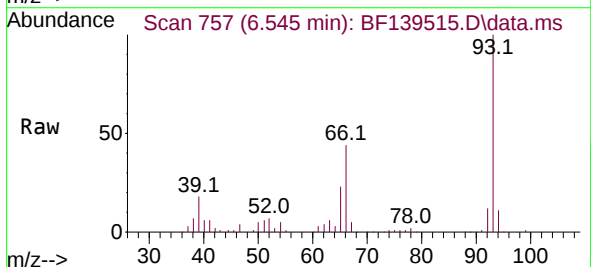
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 37.691 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion: 93 Resp: 172114
Ion Ratio Lower Upper
93 100
66 44.4 35.4 53.0
65 22.6 18.2 27.4





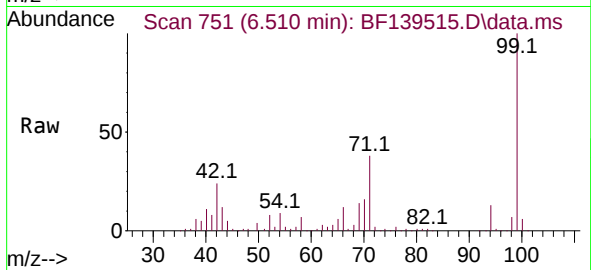
#7
Phenol-d6
Concen: 78.363 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

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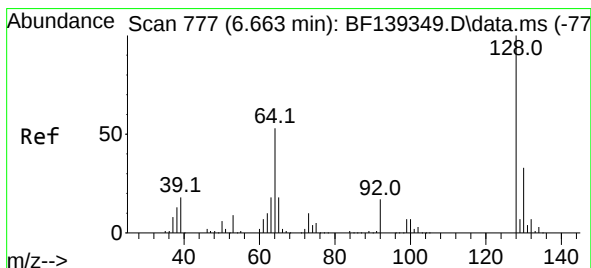
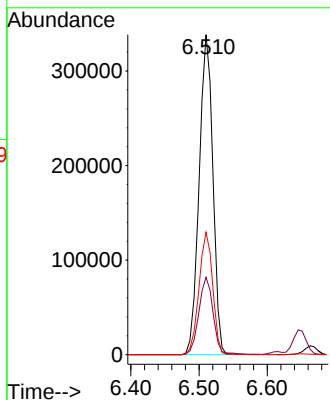
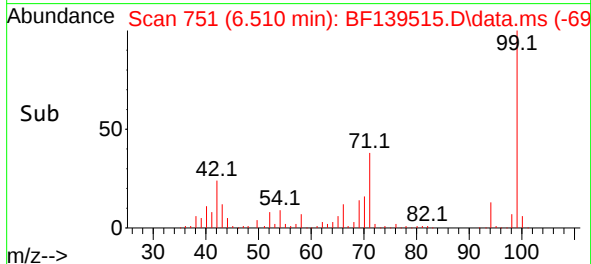
Tgt Ion: 99 Resp: 474170
Ion Ratio Lower Upper
99 100
42 24.2 21.9 32.9
71 38.2 34.6 52.0

Manual Integrations

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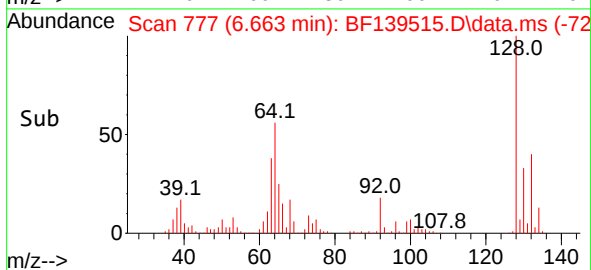
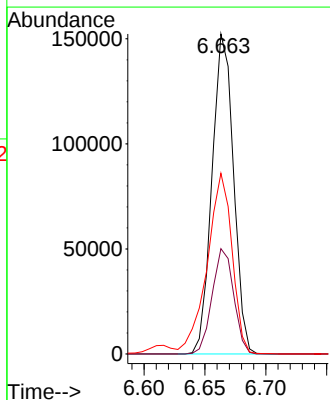
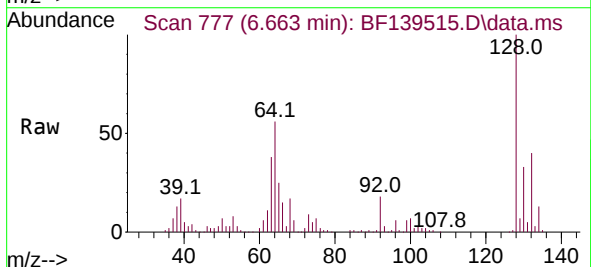
Reviewed By :Yogesh Patel 09/25/2024

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#8
2-Chlorophenol
Concen: 39.411 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

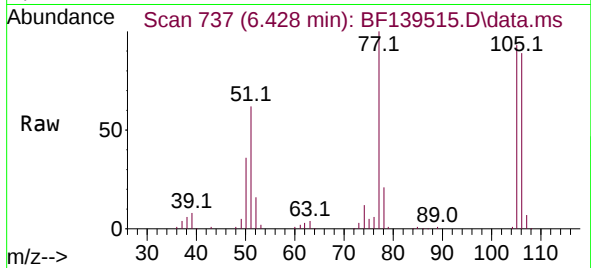
Tgt Ion:128 Resp: 187022
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 56.4 35.1 75.1





#9
Benzaldehyde
Concen: 36.875 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

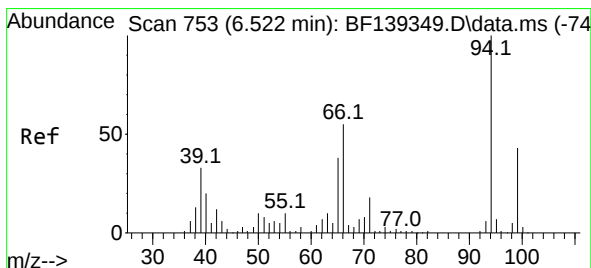
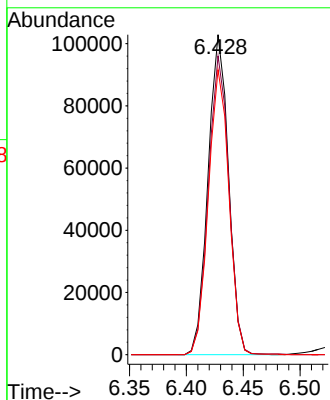
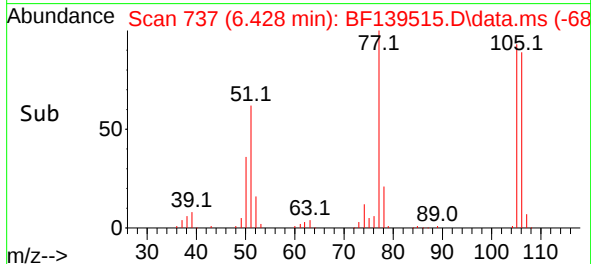
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 12891
Ion Ratio Lower Upper
77 100
105 93.4 71.0 111.0
106 89.0 64.9 104.9

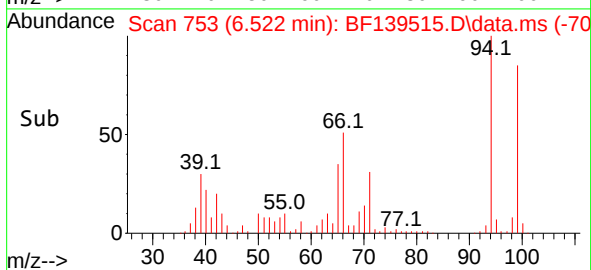
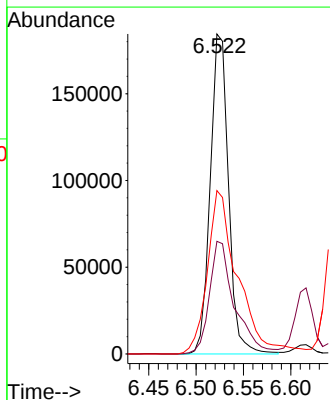
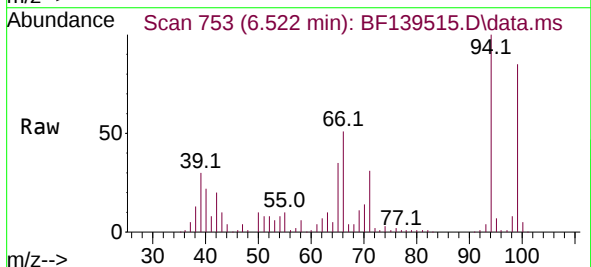
Manual Integrations
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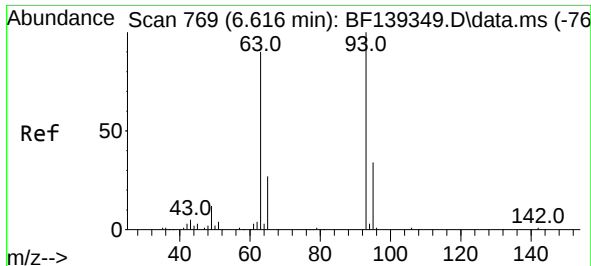
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 40.103 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion: 94 Resp: 247149
Ion Ratio Lower Upper
94 100
65 35.2 17.6 57.6
66 51.1 35.2 75.2





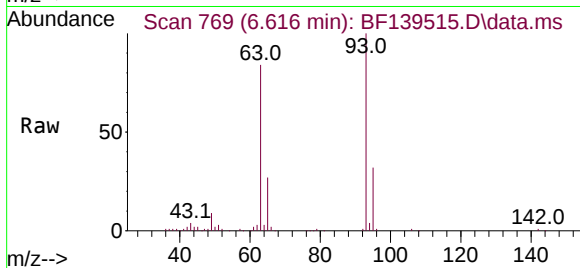
#11
bis(2-Chloroethyl)ether
Concen: 40.715 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

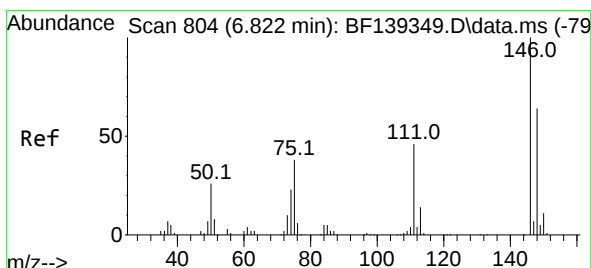
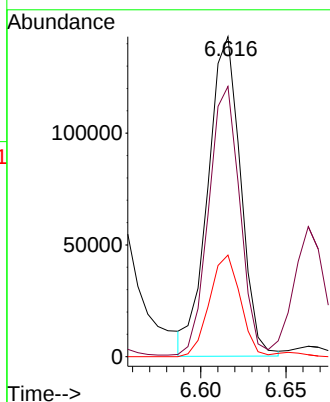
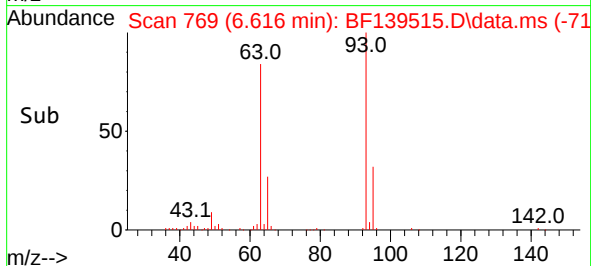
SSTDCCC040



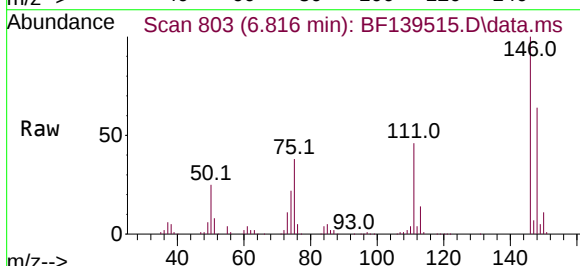
Tgt Ion: 93 Resp: 190712
Ion Ratio Lower Upper
93 100
63 84.4 65.3 105.3
95 31.8 12.4 52.4

Manual Integrations
APPROVED

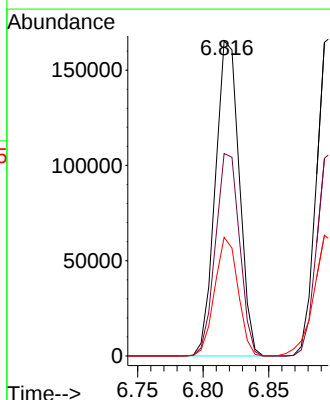
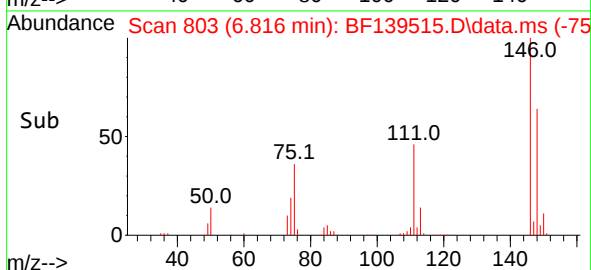
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#12
1,3-Dichlorobenzene
Concen: 38.869 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:146 Resp: 209769
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 37.7 30.6 46.0





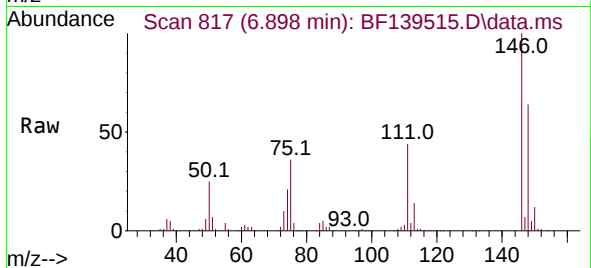
#13
1,4-Dichlorobenzene
Concen: 38.995 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

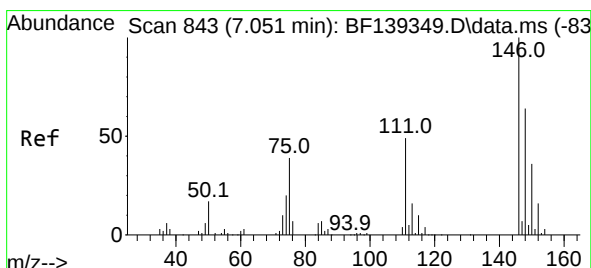
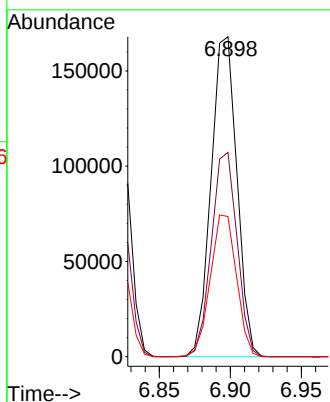
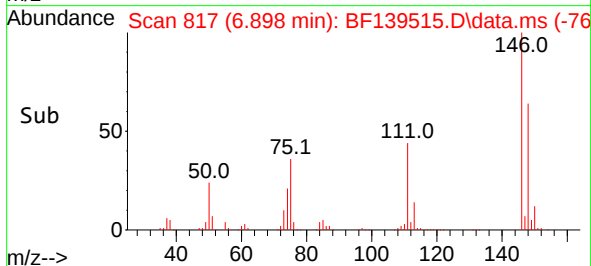


Tgt Ion:146 Resp: 212668
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 43.8 36.3 54.5

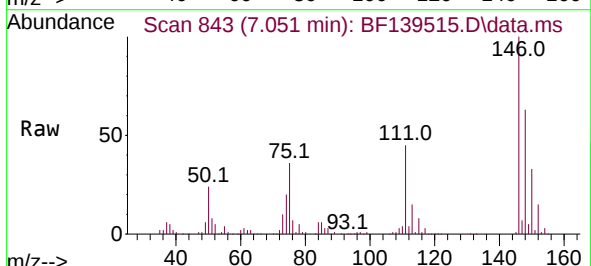
Manual Integrations

APPROVED

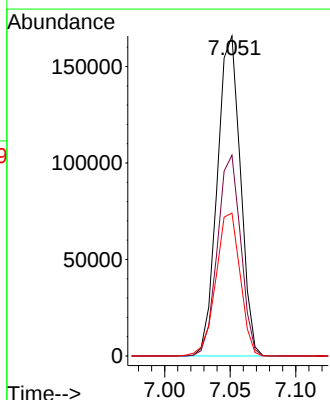
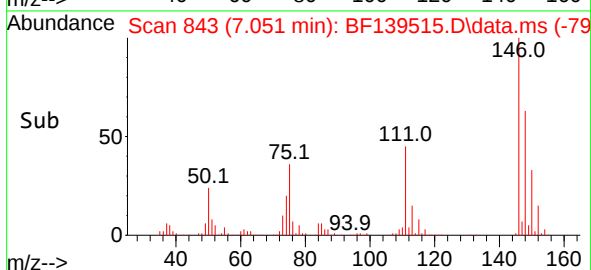
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

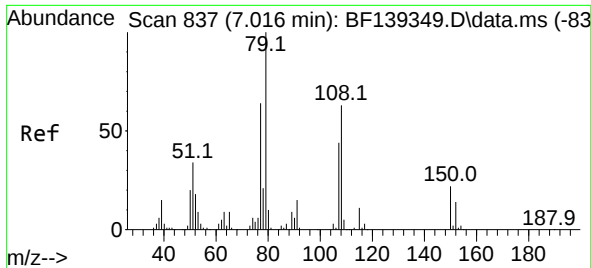


#14
1,2-Dichlorobenzene
Concen: 39.449 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



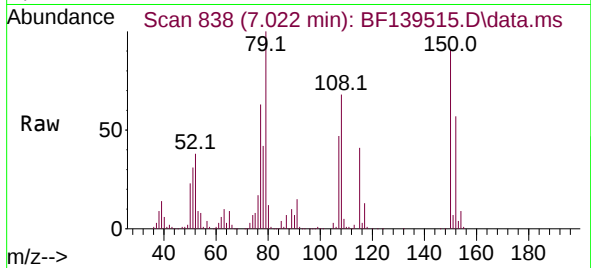
Tgt Ion:146 Resp: 203290
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 44.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 36.228 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

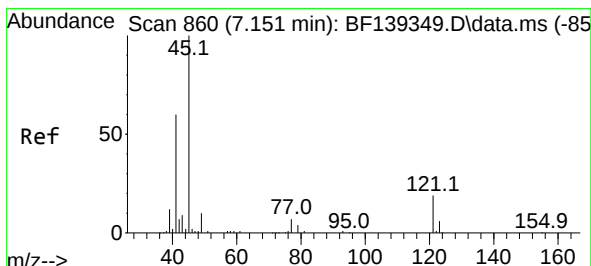
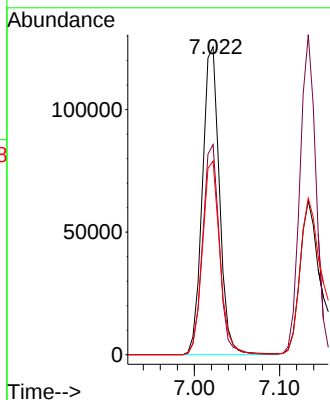
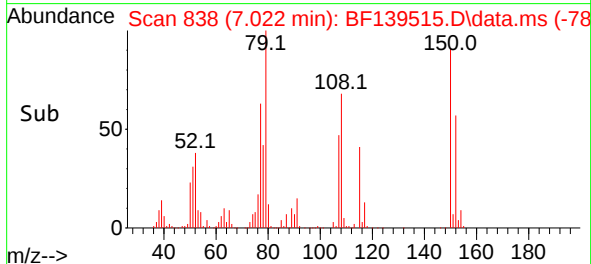
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 174892
Ion Ratio Lower Upper
79 100
108 68.3 50.4 75.6
77 62.9 51.4 77.2

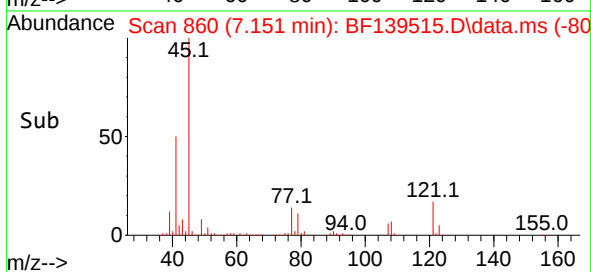
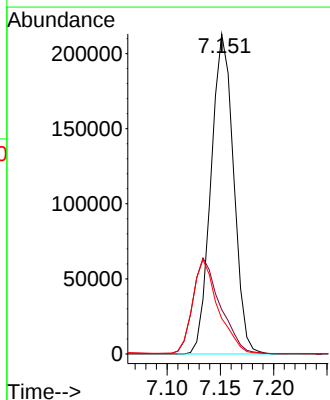
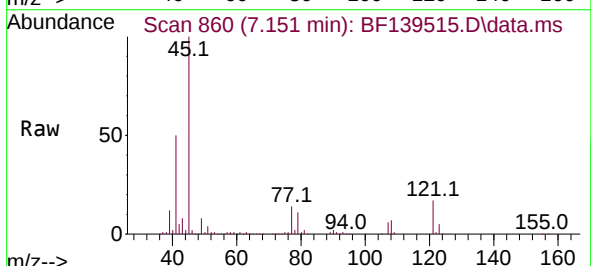
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.382 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion: 45 Resp: 313161
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.0
79 11.1 0.0 29.1





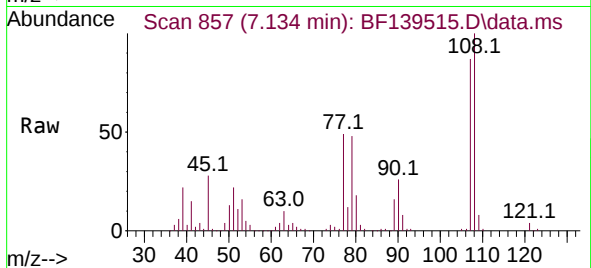
#17
2-Methylphenol
Concen: 39.467 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

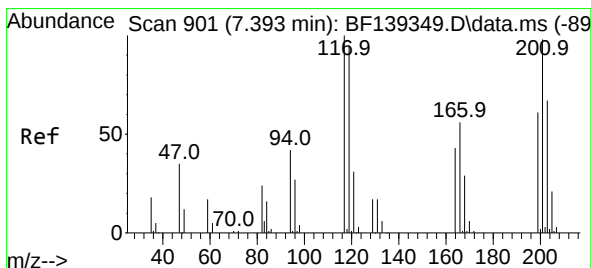
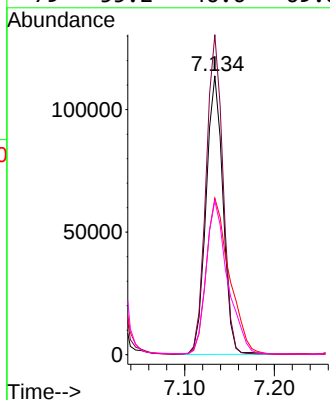
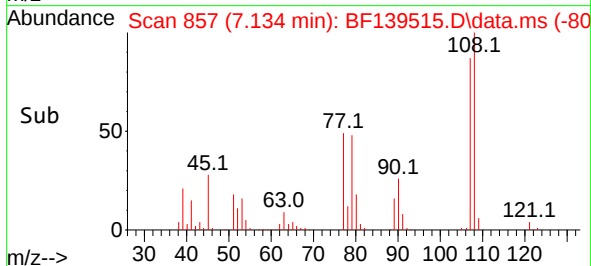


Tgt Ion:107 Resp: 14880
Ion Ratio Lower Upper
107 100
108 114.8 90.5 135.7
77 56.1 47.1 70.7
79 55.2 46.6 69.8

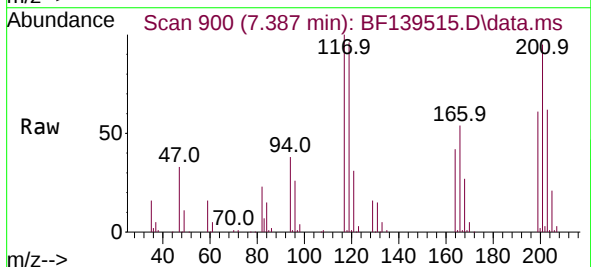
Manual Integrations

APPROVED

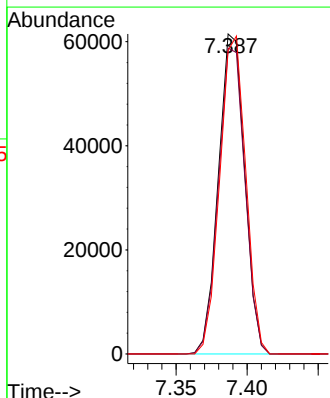
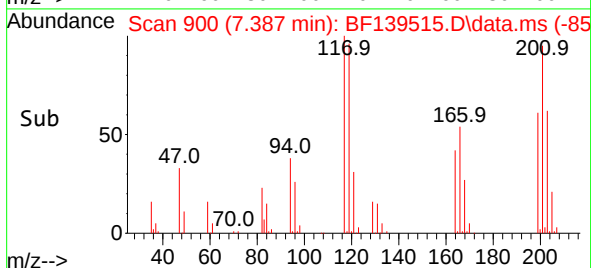
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

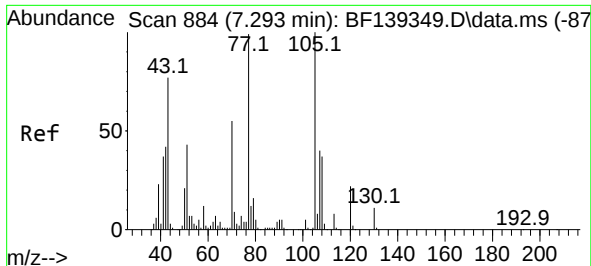


#18
Hexachloroethane
Concen: 38.077 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:117 Resp: 79095
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 94.9 78.6 118.0





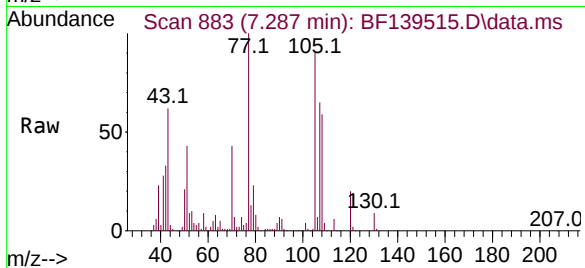
#19
n-Nitroso-di-n-propylamine
Concen: 37.911 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



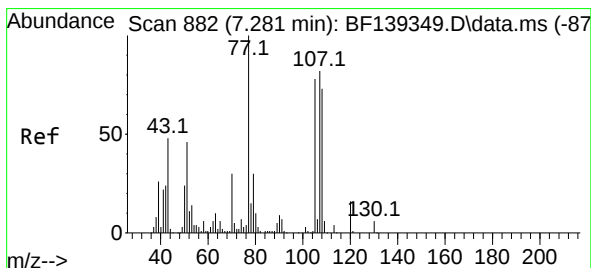
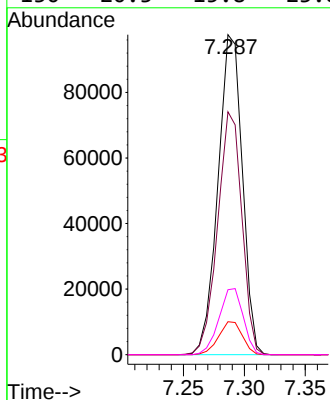
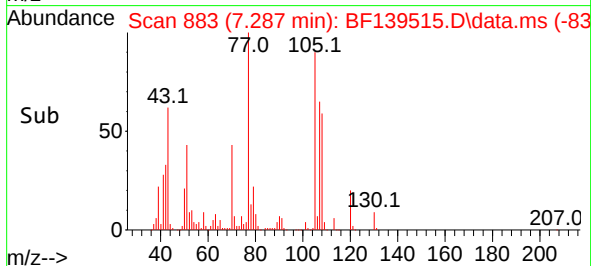
Tgt Ion: 70 Resp: 13593
Ion Ratio Lower Upper
70 100
42 75.9 61.2 91.8
101 10.3 7.5 11.3
130 20.3 15.8 23.8

Manual Integrations

APPROVED

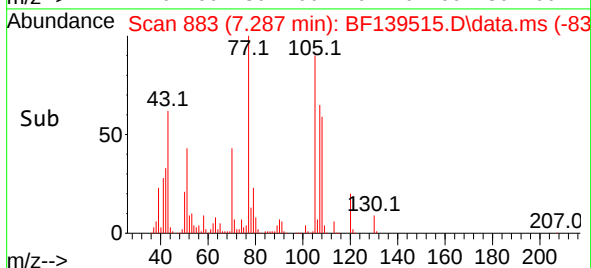
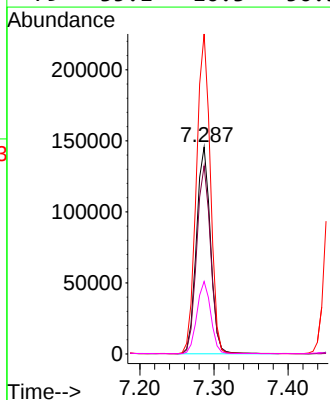
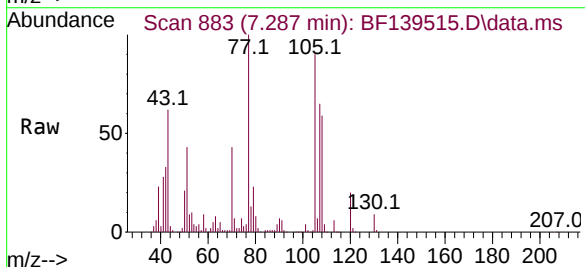
Reviewed By :Yogesh Patel 09/25/2024

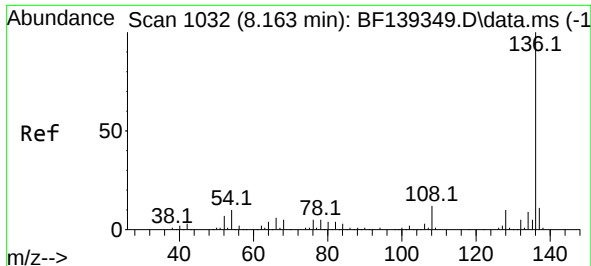
Supervised By :mohammad ahmed 09/25/2024



#20
3+4-Methylphenols
Concen: 37.170 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:107 Resp: 191198
Ion Ratio Lower Upper
107 100
108 91.0 68.6 108.6
77 154.7 101.6 141.6#
79 35.1 16.3 56.3





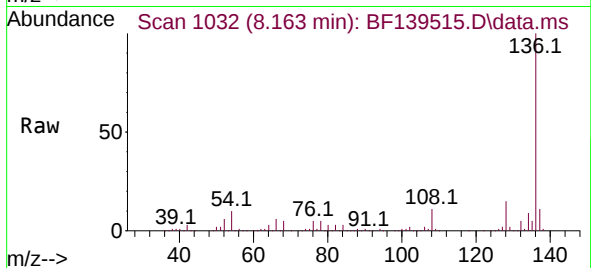
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



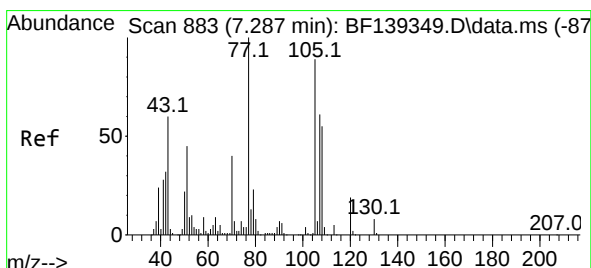
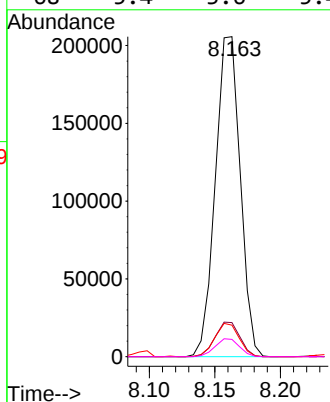
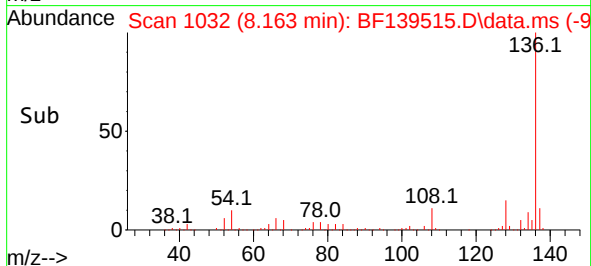
Tgt Ion:136 Resp: 271569
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.8 7.8 11.8
68 5.4 3.6 5.4

Manual Integrations

APPROVED

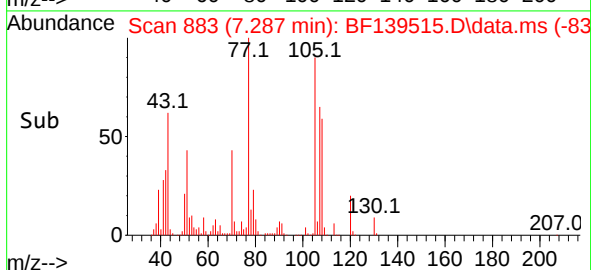
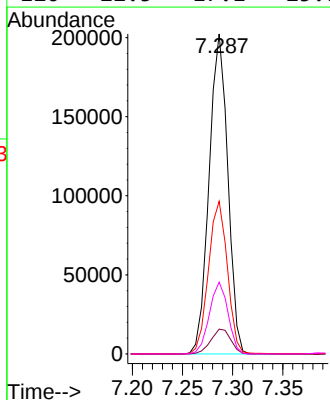
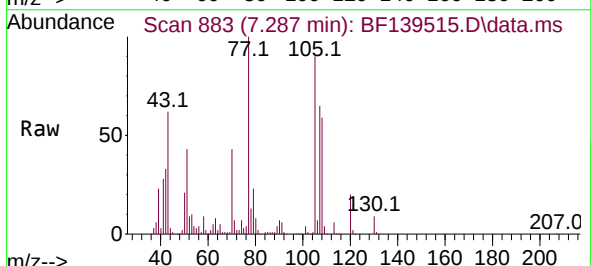
Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 36.876 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:105 Resp: 261807
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 47.7 40.0 60.0
120 22.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 76.024 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139515.D

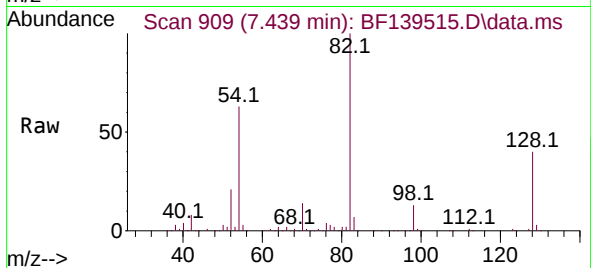
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 43916

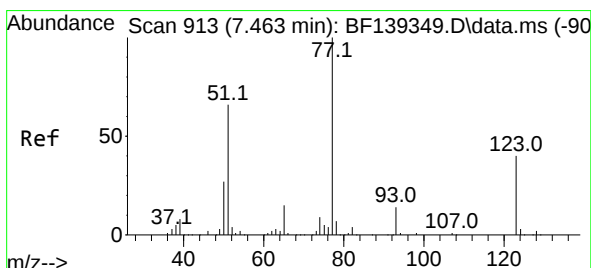
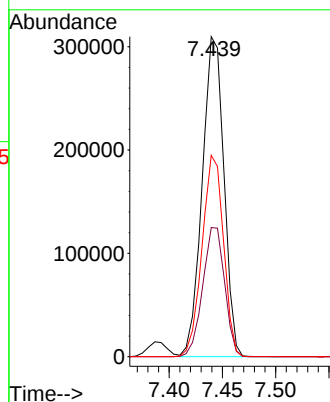
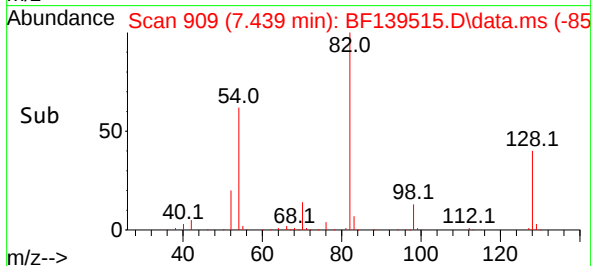
Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.6
54	62.9	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#24

Nitrobenzene

Concen: 38.206 ng

RT: 7.463 min Scan# 913

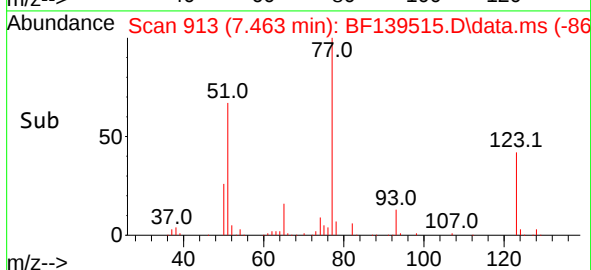
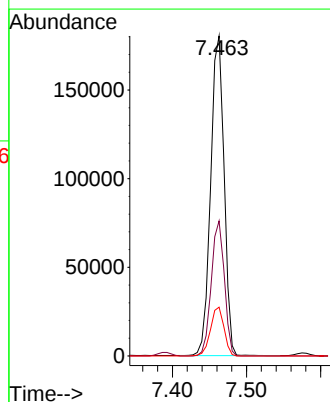
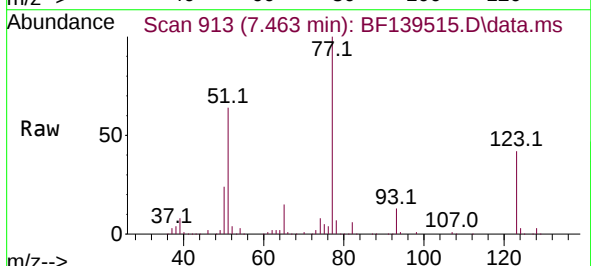
Delta R.T. -0.000 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Tgt Ion: 77 Resp: 227150

Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.2	48.4
65	15.2	12.2	18.4





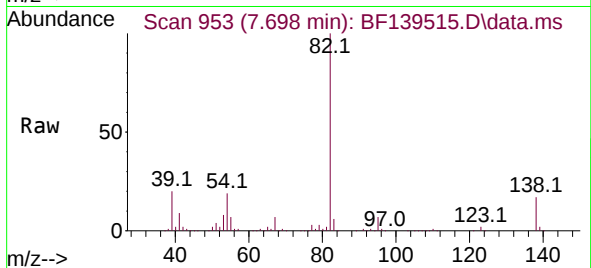
#25
Isophorone
Concen: 38.836 ng
RT: 7.698 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

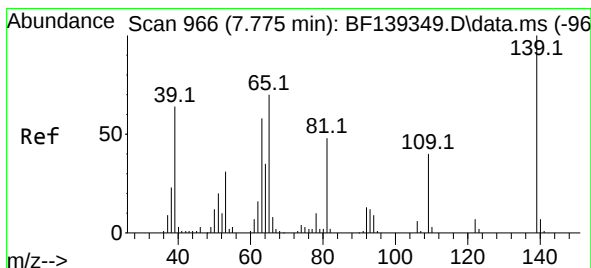
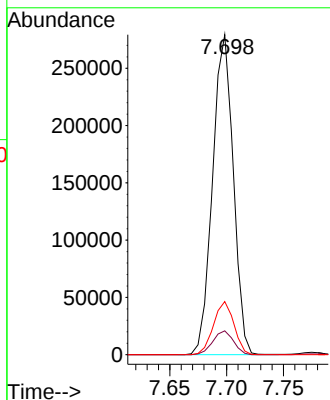
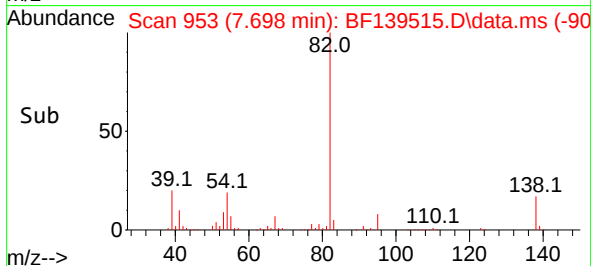


Tgt Ion: 82 Resp: 354802
Ion Ratio Lower Upper
82 100
95 7.5 6.7 10.1
138 16.6 13.3 19.9

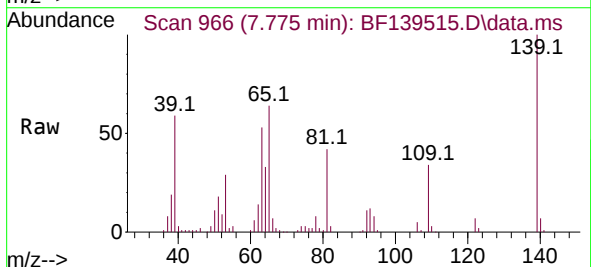
Manual Integrations

APPROVED

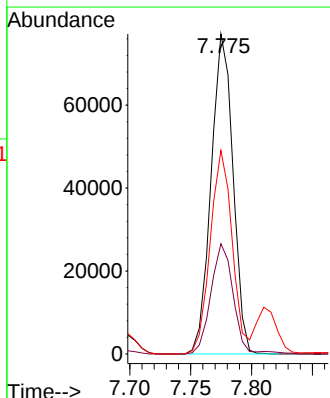
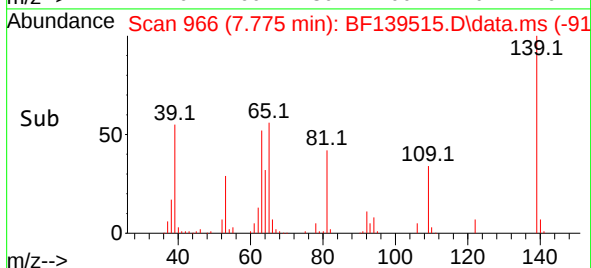
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

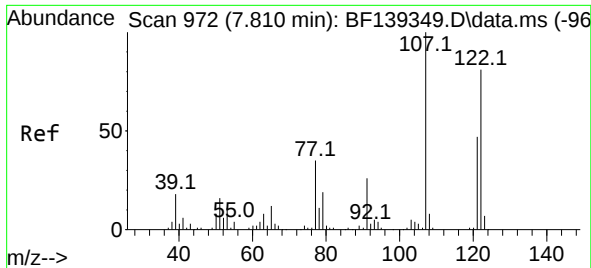


#26
2-Nitrophenol
Concen: 41.702 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:139 Resp: 96594
Ion Ratio Lower Upper
139 100
109 34.4 32.2 48.2
65 63.6 55.8 83.8





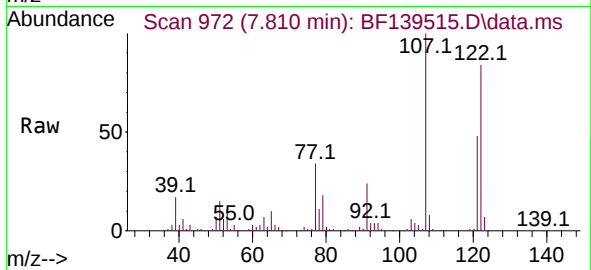
#27
2,4-Dimethylphenol
Concen: 39.942 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



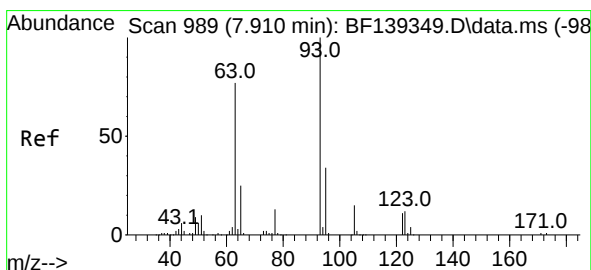
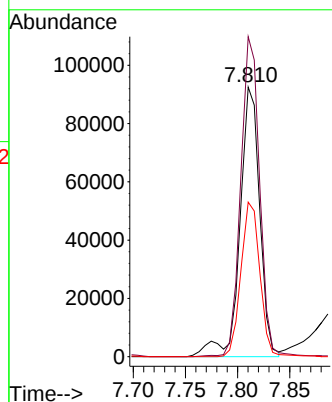
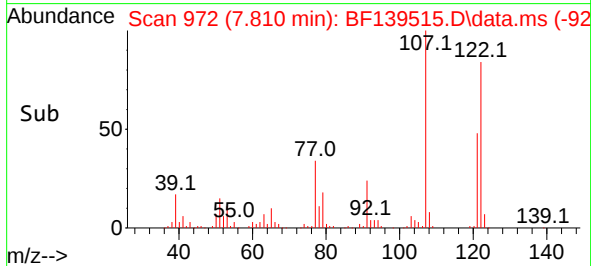
Tgt Ion:122 Resp: 122038
Ion Ratio Lower Upper
122 100
107 118.7 99.1 148.7
121 57.4 46.6 70.0

Manual Integrations

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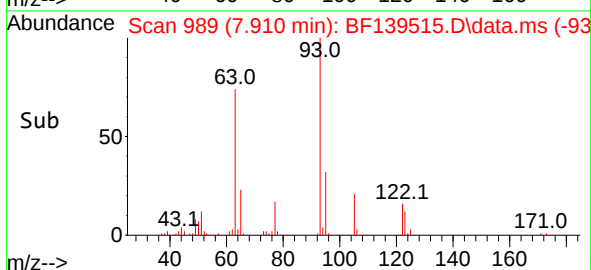
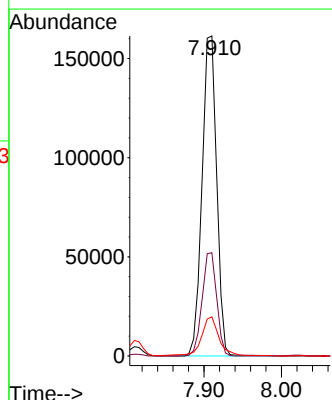
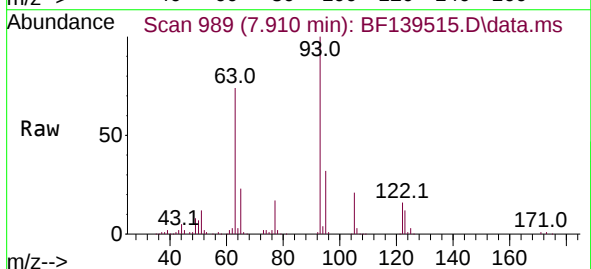
Reviewed By :Yogesh Patel 09/25/2024

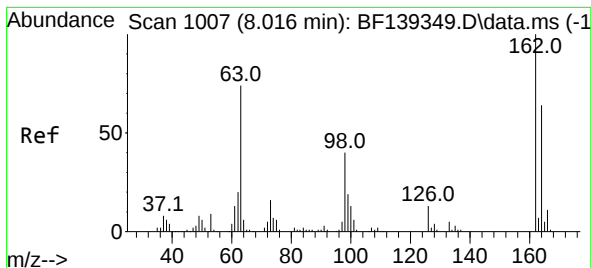
Supervised By :mohammad ahmed 09/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.662 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion: 93 Resp: 211716
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 12.2 10.0 15.0





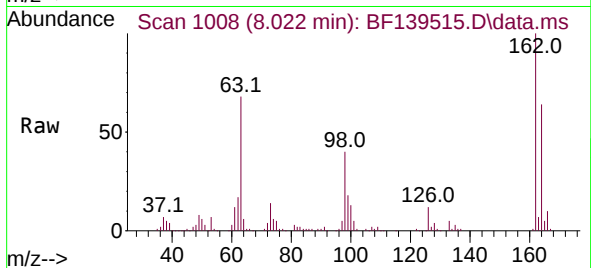
#29
2,4-Dichlorophenol
Concen: 39.812 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



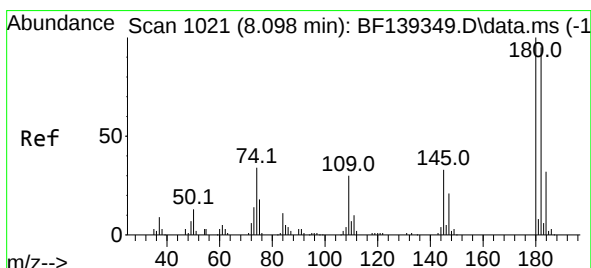
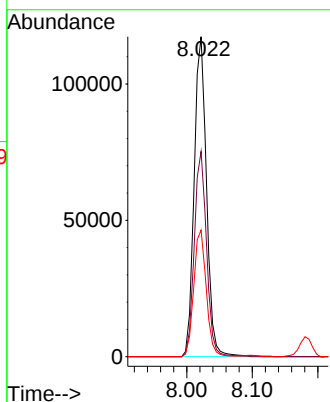
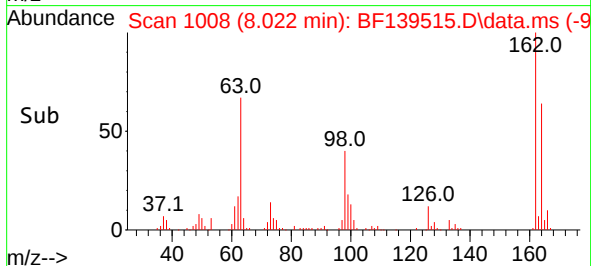
Tgt Ion:162 Resp: 15453
Ion Ratio Lower Upper
162 100
164 64.1 43.6 83.6
98 39.5 19.7 59.7

Manual Integrations

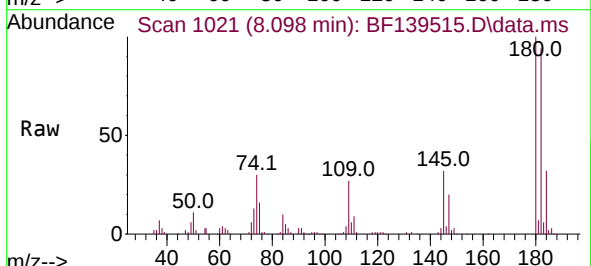
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

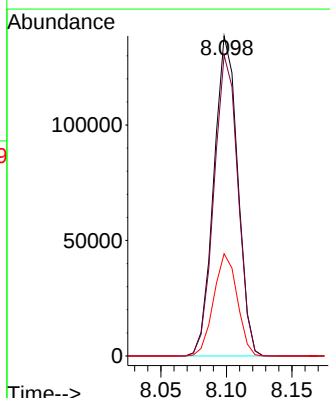
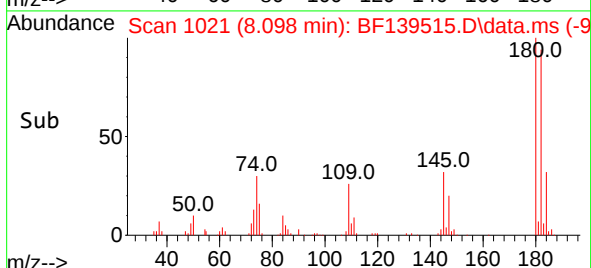
Supervised By :mohammad ahmed 09/25/2024

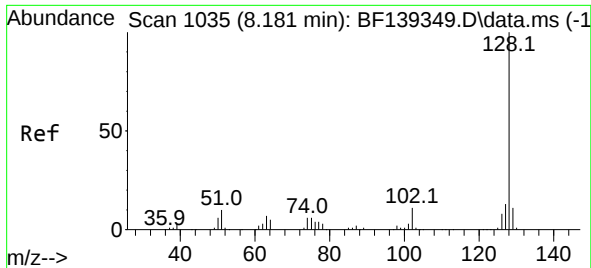


#30
1,2,4-Trichlorobenzene
Concen: 38.700 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:180 Resp: 175027
Ion Ratio Lower Upper
180 100
182 94.0 75.7 113.5
145 31.9 26.5 39.7





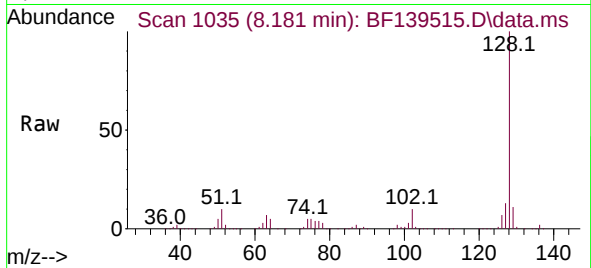
#31
Naphthalene
Concen: 39.346 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

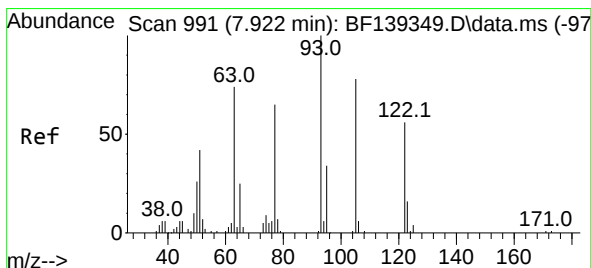
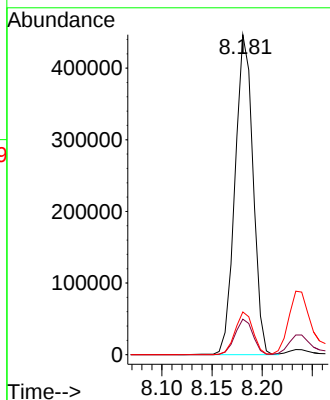
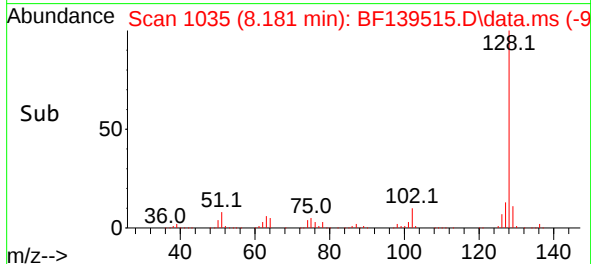


Tgt Ion:128 Resp: 557825
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 16.0

Manual Integrations

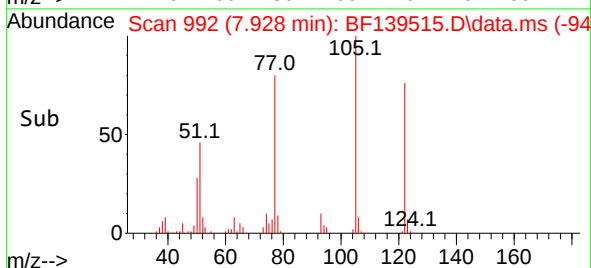
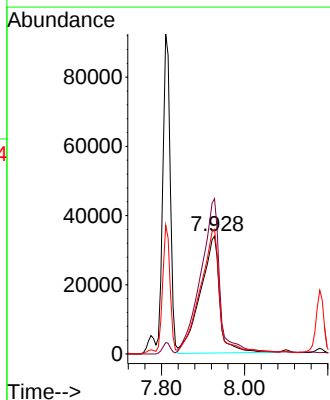
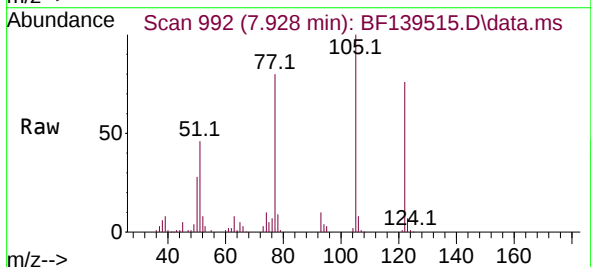
APPROVED

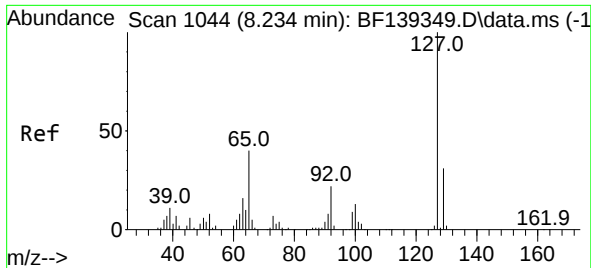
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#32
Benzoic acid
Concen: 38.153 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:122 Resp: 109092
Ion Ratio Lower Upper
122 100
105 131.7 117.1 157.1
77 105.7 95.4 135.4





#33
4-Chloroaniline
Concen: 41.078 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

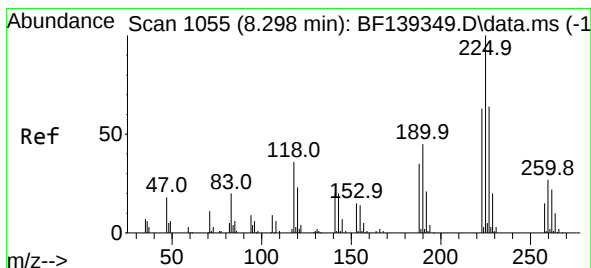
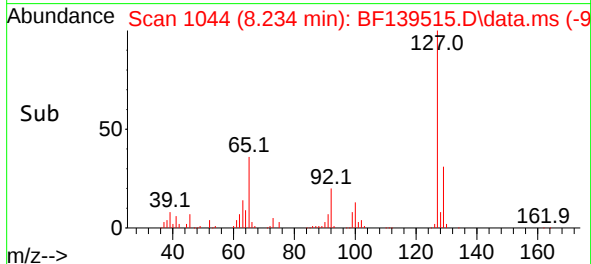
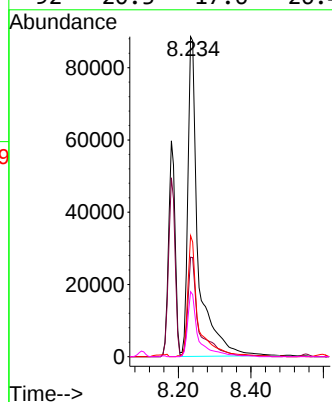
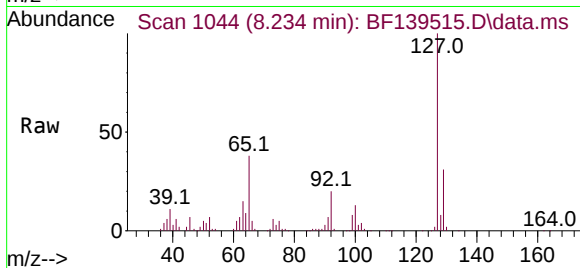
SSTDCCC040

Tgt Ion:127 Resp: 17816
Ion Ratio Lower Upper
127 100
129 31.1 25.5 38.3
65 37.8 31.5 47.3
92 20.3 17.6 26.4

Manual Integrations

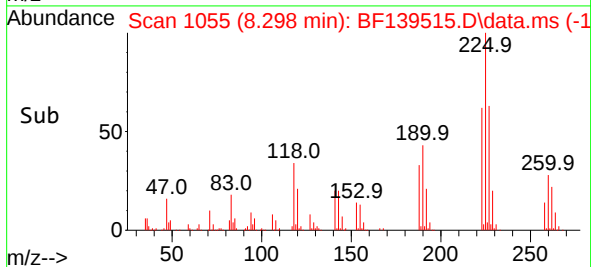
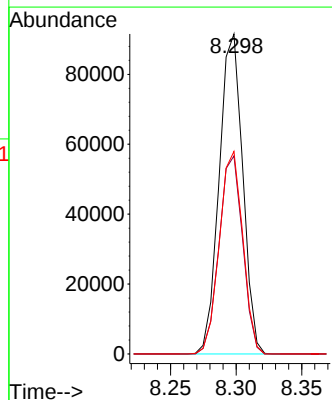
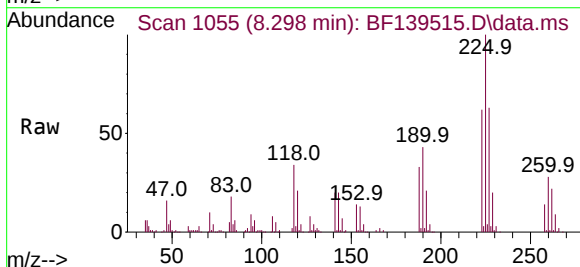
APPROVED

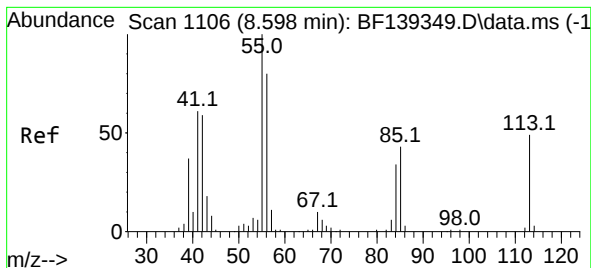
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 37.132 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:225 Resp: 114094
Ion Ratio Lower Upper
225 100
223 61.9 50.1 75.1
227 63.3 51.0 76.6





#35

Caprolactam

Concen: 41.120 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 49098

Ion Ratio Lower Upper

113 100

55 205.6 186.1 226.1

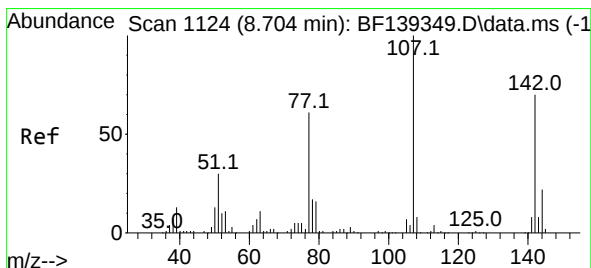
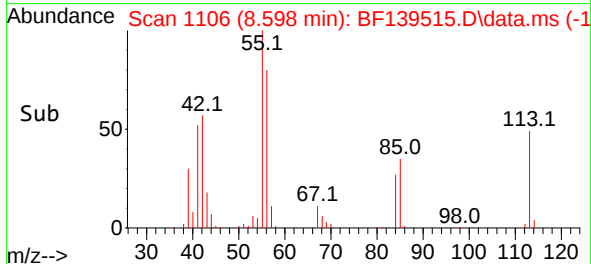
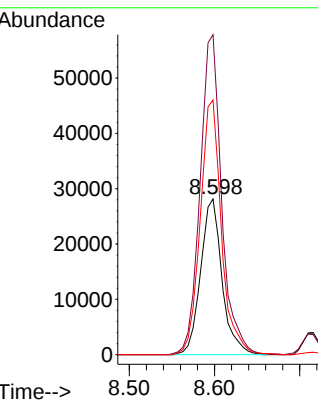
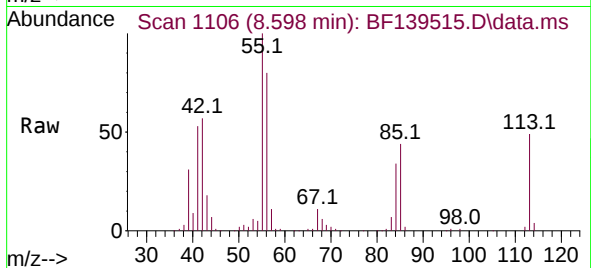
56 163.7 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#36

4-Chloro-3-methylphenol

Concen: 37.992 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

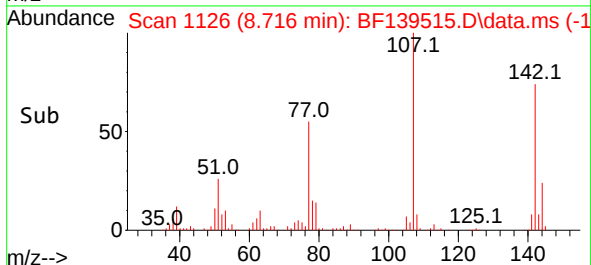
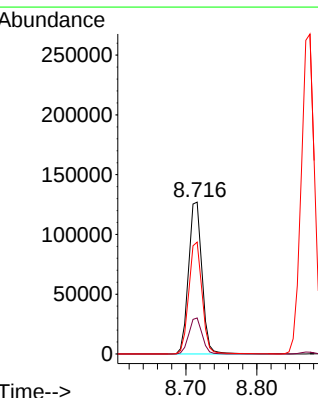
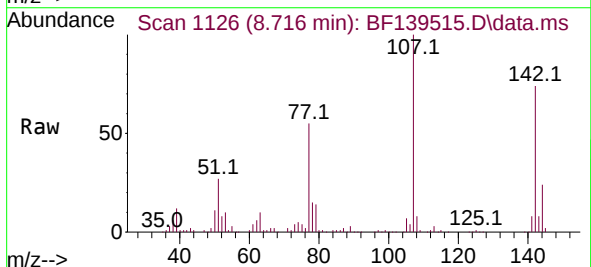
Tgt Ion:107 Resp: 168534

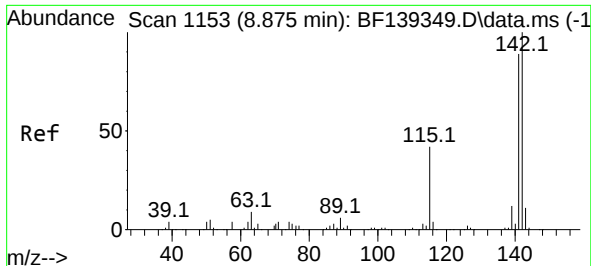
Ion Ratio Lower Upper

107 100

144 23.7 17.5 26.3

142 73.6 55.8 83.8





#37
2-Methylnaphthalene
Concen: 38.551 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

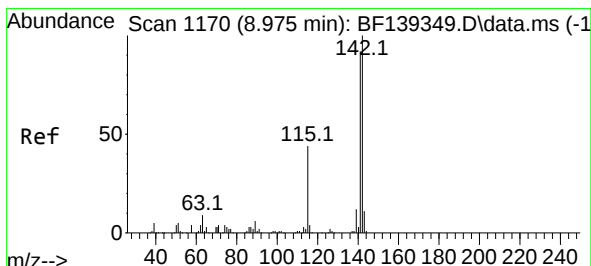
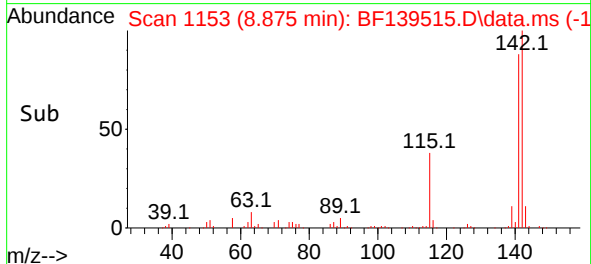
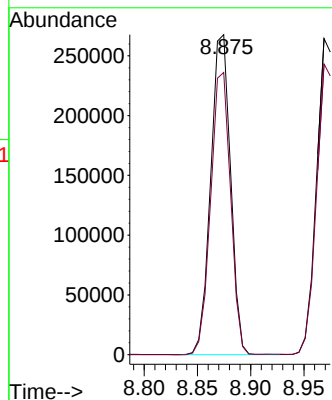
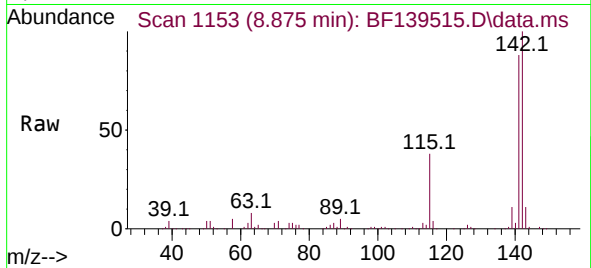
SSTDCCC040

Tgt Ion:142 Resp: 346918
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4

Manual Integrations

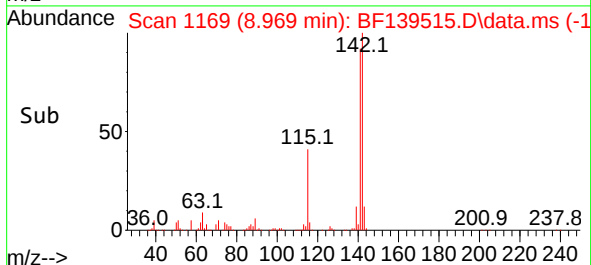
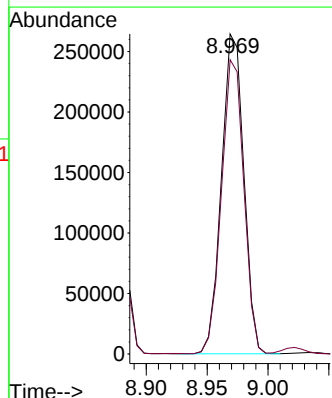
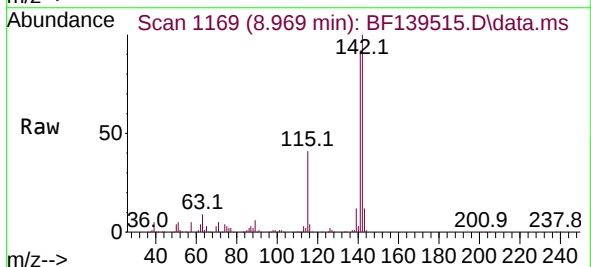
APPROVED

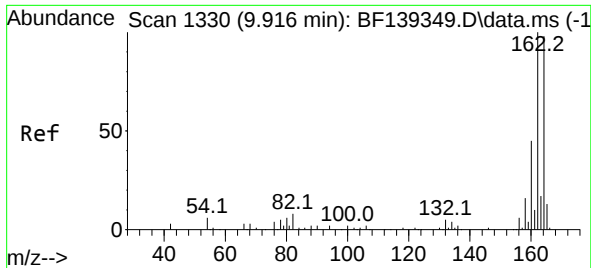
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#38
1-Methylnaphthalene
Concen: 38.210 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:142 Resp: 337583
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8





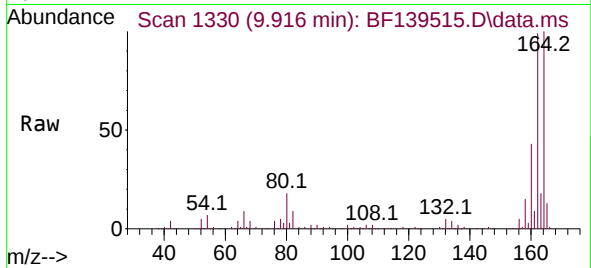
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



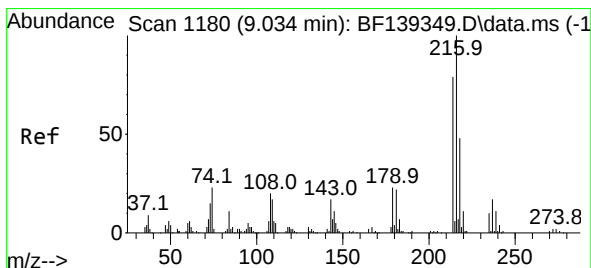
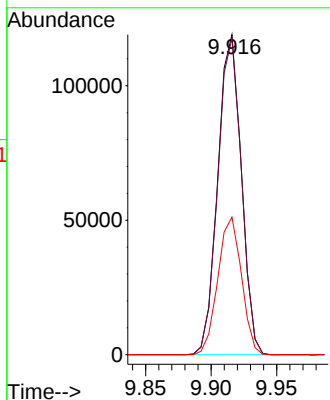
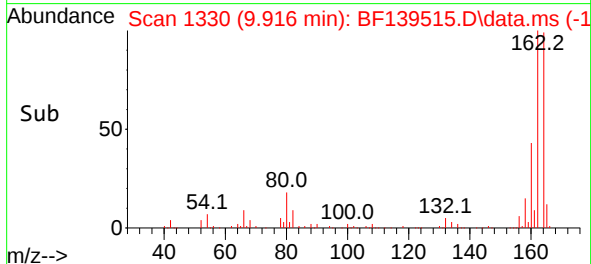
Tgt Ion:164 Resp: 148298
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 43.0 36.4 54.6

Manual Integrations

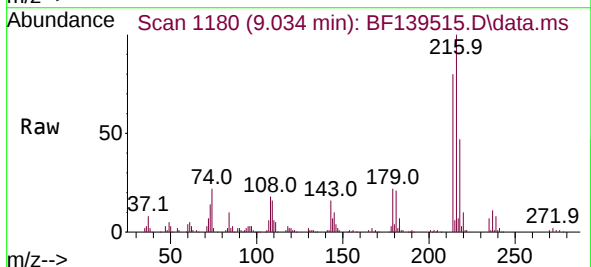
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

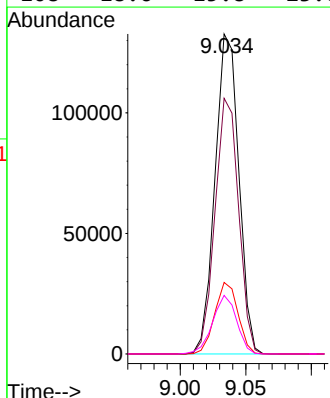
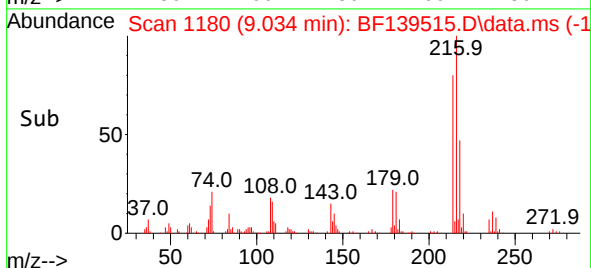
Supervised By :mohammad ahmed 09/25/2024

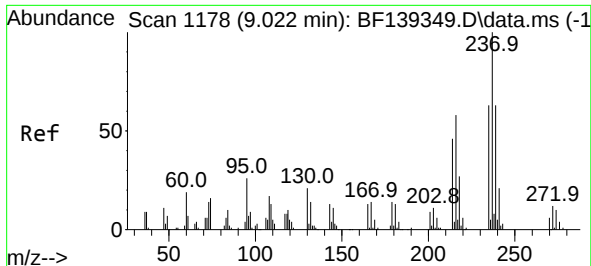


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.017 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



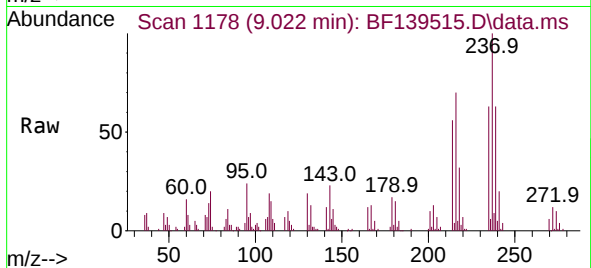
Tgt Ion:216 Resp: 167090
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 21.9 18.2 27.2
108 18.6 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 34.590 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

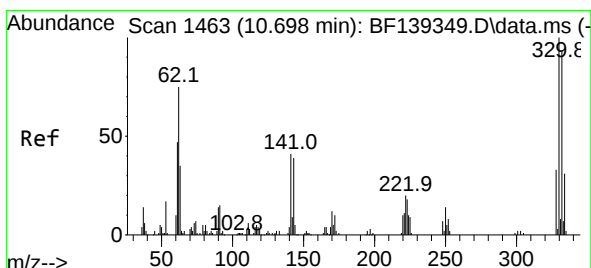
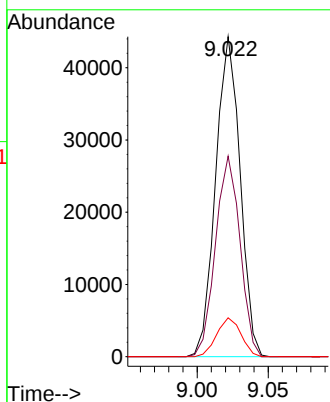
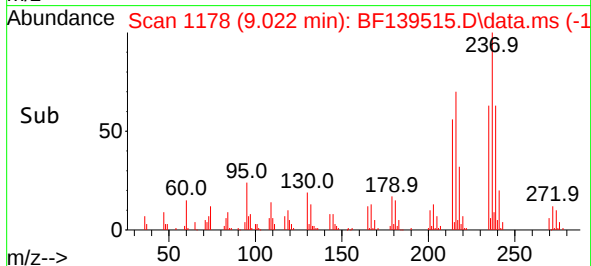
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



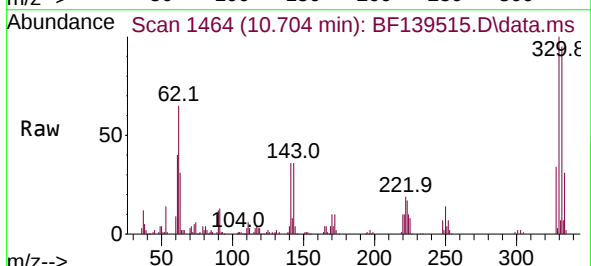
Tgt Ion:237 Resp: 5308
Ion Ratio Lower Upper
237 100
235 62.6 42.7 82.7
272 12.2 0.0 32.5

Manual Integrations
APPROVED

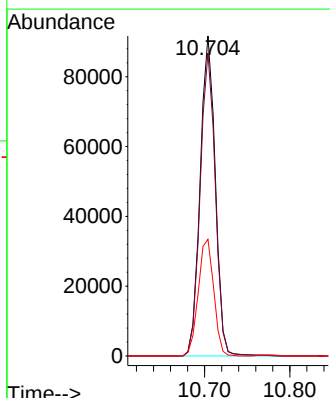
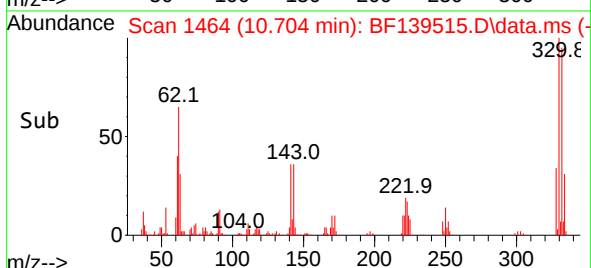
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

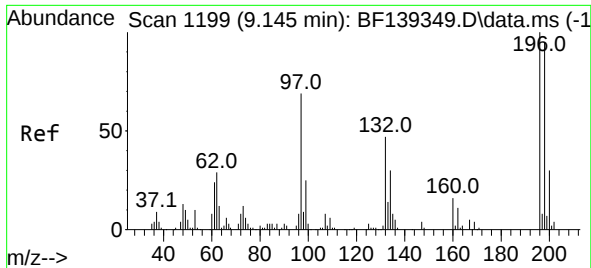


#42
2,4,6-Tribromophenol
Concen: 71.525 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:330 Resp: 112924
Ion Ratio Lower Upper
330 100
332 94.8 75.2 112.8
141 37.3 31.2 46.8





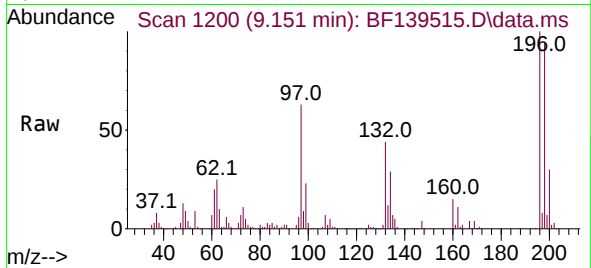
#43
2,4,6-Trichlorophenol
Concen: 39.247 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

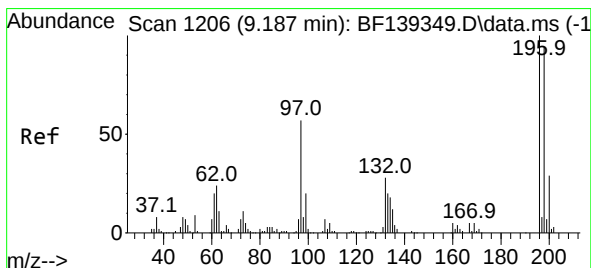
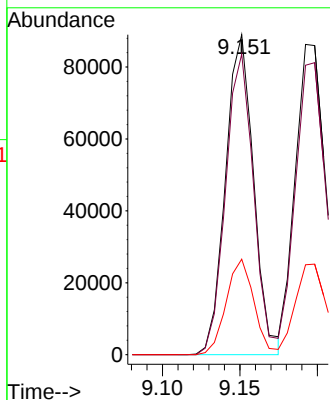
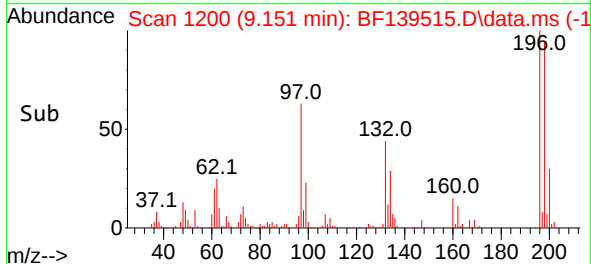


Tgt Ion:196 Resp: 11222
Ion Ratio Lower Upper
196 100
198 93.9 75.8 113.6
200 29.8 24.1 36.1

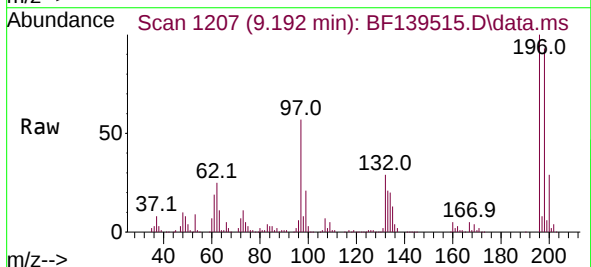
Manual Integrations

APPROVED

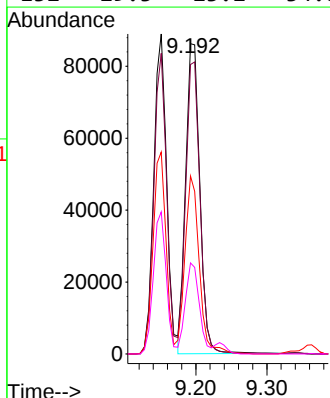
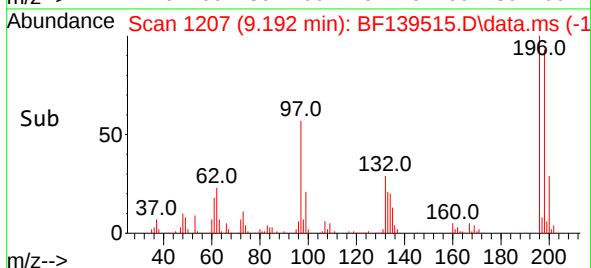
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

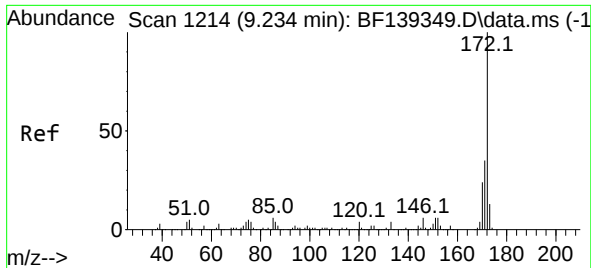


#44
2,4,5-Trichlorophenol
Concen: 39.772 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:196 Resp: 119961
Ion Ratio Lower Upper
196 100
198 93.3 74.8 112.2
97 57.4 47.3 70.9
132 29.3 23.2 34.8





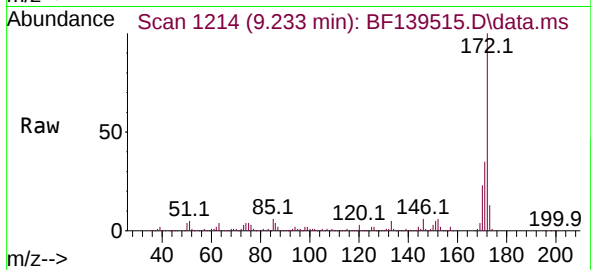
#45
2-Fluorobiphenyl
Concen: 73.881 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



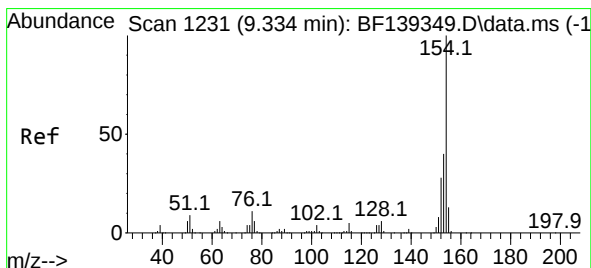
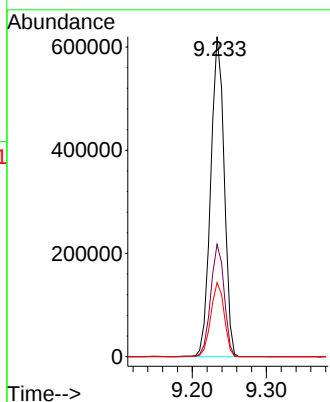
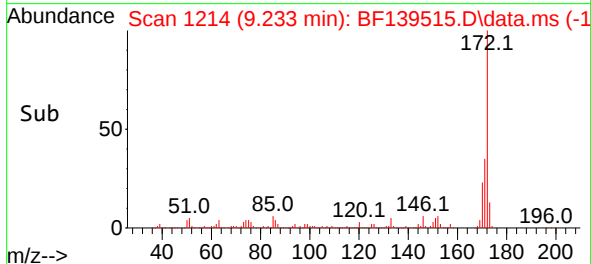
Tgt Ion:172 Resp: 78119
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.1 19.0 28.6

Manual Integrations

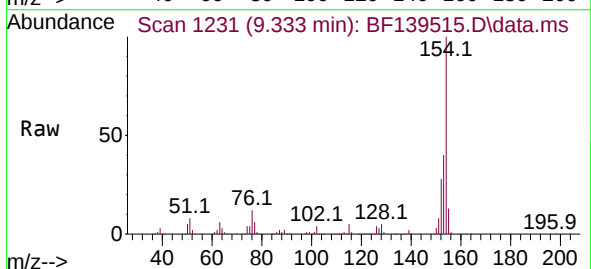
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

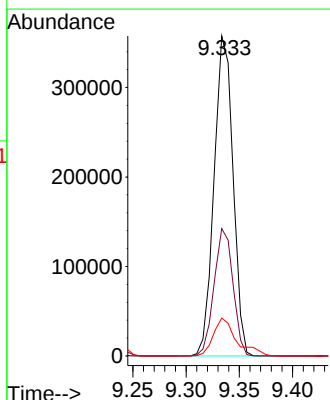
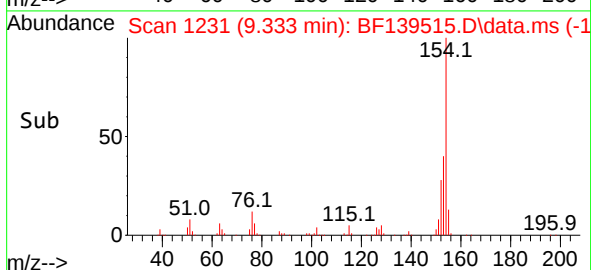
Supervised By :mohammad ahmed 09/25/2024



#46
1,1'-Biphenyl
Concen: 38.695 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:154 Resp: 441475
Ion Ratio Lower Upper
154 100
153 39.8 20.1 60.1
76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 38.829 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139515.D

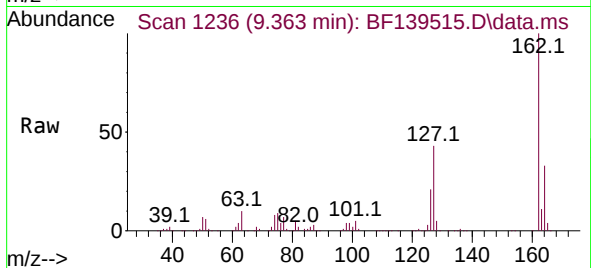
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 331220

Ion Ratio Lower Upper

162 100

127 42.9 35.0 52.4

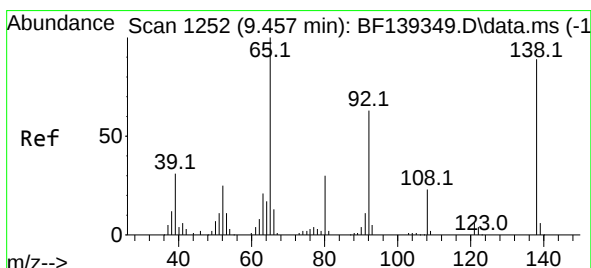
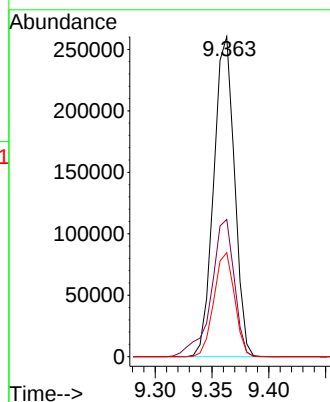
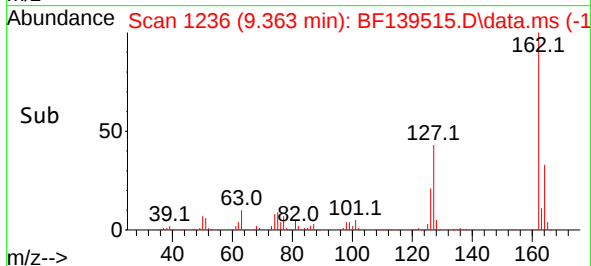
164 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#48

2-Nitroaniline

Concen: 39.053 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

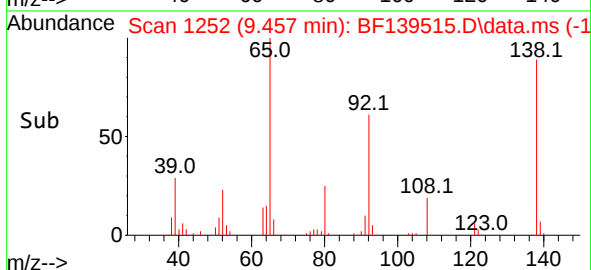
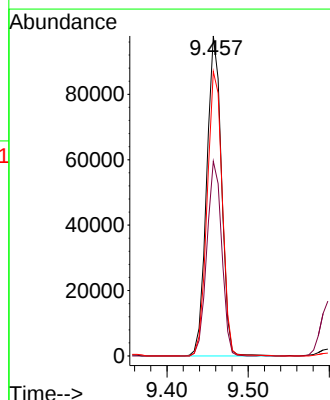
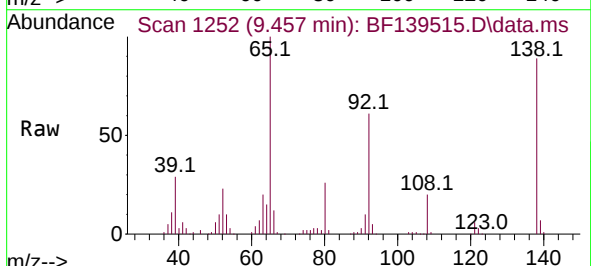
Tgt Ion: 65 Resp: 123911

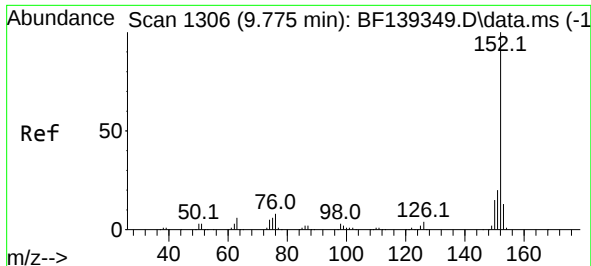
Ion Ratio Lower Upper

65 100

92 60.8 50.3 75.5

138 88.9 71.3 106.9





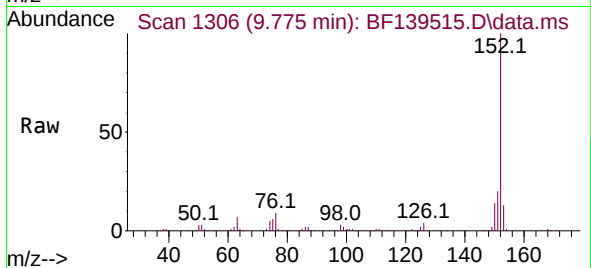
#49
Acenaphthylene
Concen: 39.330 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



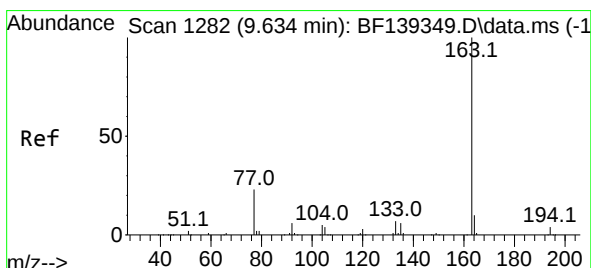
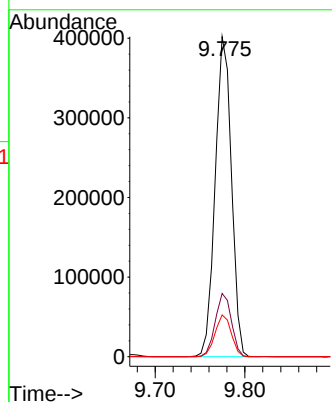
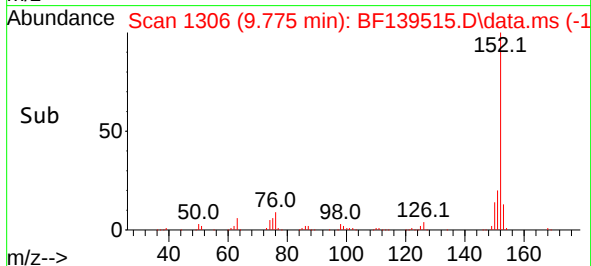
Tgt Ion:152 Resp: 505020
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 10.3 15.5

Manual Integrations

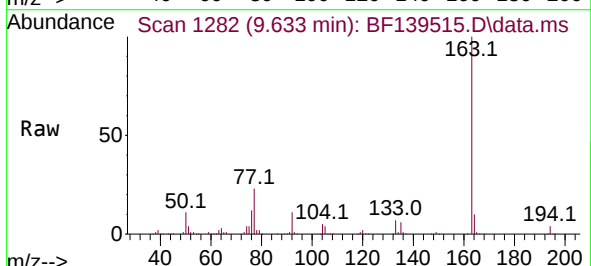
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

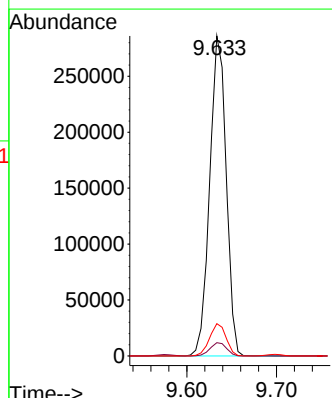
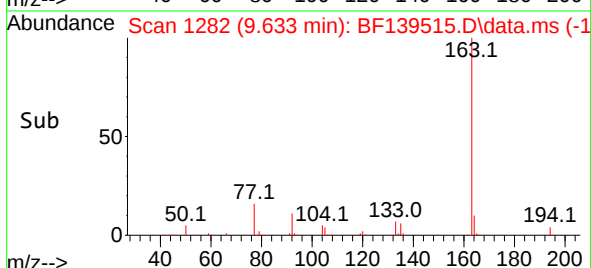
Supervised By :mohammad ahmed 09/25/2024

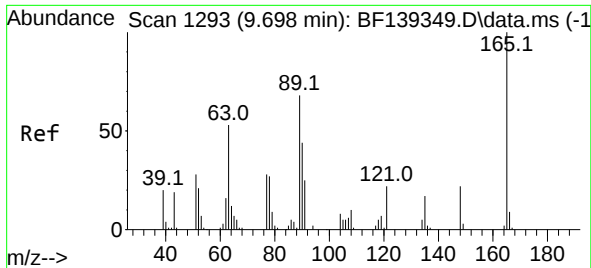


#50
Dimethylphthalate
Concen: 37.537 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:163 Resp: 365361
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 8.2 12.2





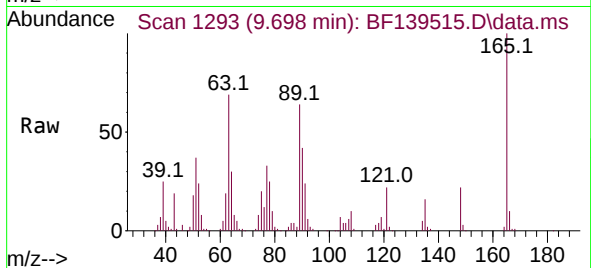
#51
2,6-Dinitrotoluene
Concen: 40.545 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



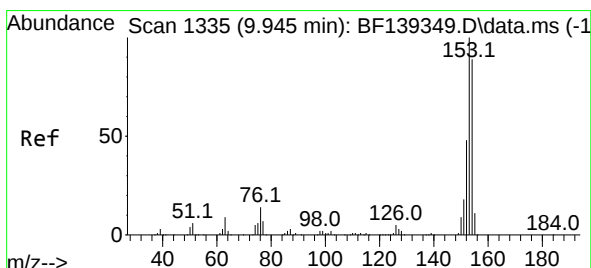
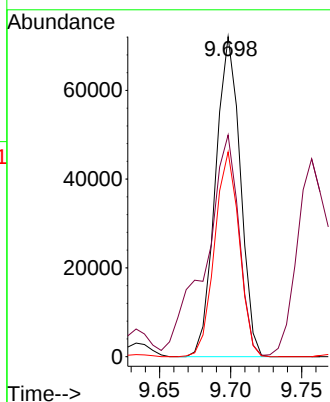
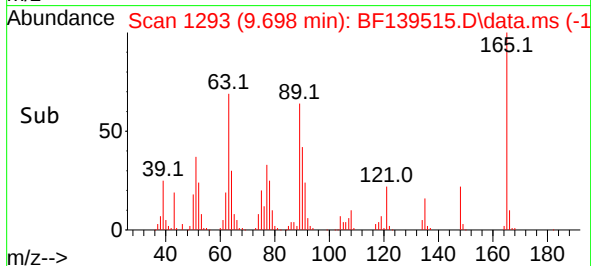
Tgt Ion:165 Resp: 87429
Ion Ratio Lower Upper
165 100
63 69.3 60.9 91.3
89 64.0 54.7 82.1

Manual Integrations

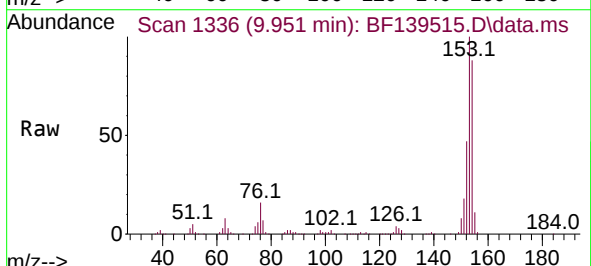
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

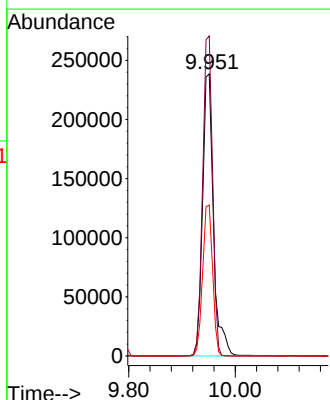
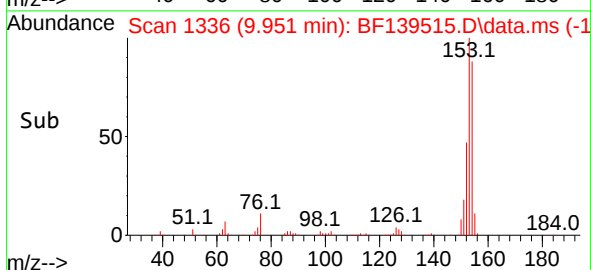
Supervised By :mohammad ahmed 09/25/2024

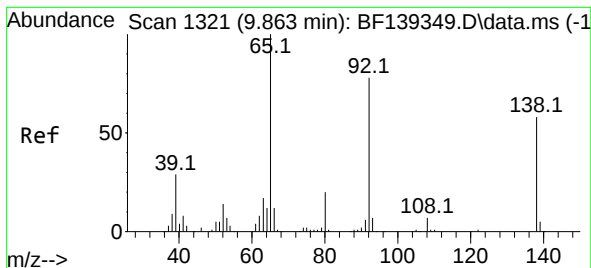


#52
Acenaphthene
Concen: 37.883 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:154 Resp: 339508
Ion Ratio Lower Upper
154 100
153 113.4 89.5 134.3
152 53.5 42.6 64.0





#53

3-Nitroaniline

Concen: 40.969 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

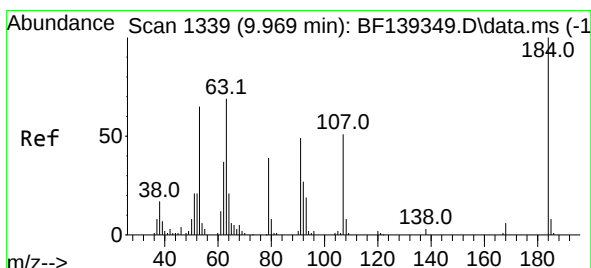
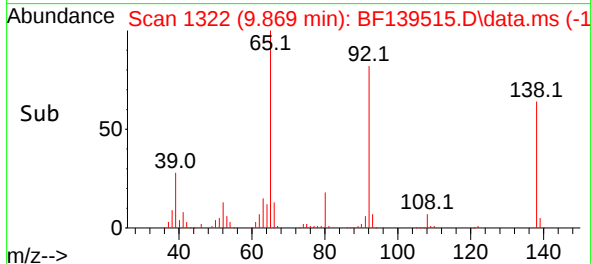
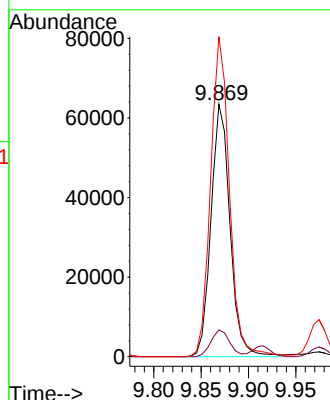
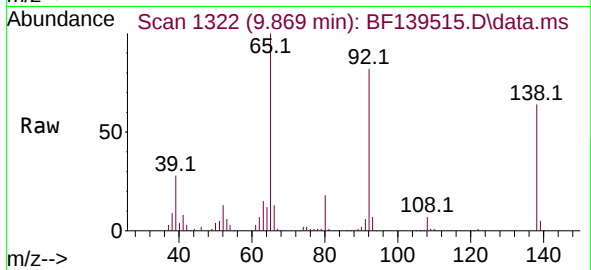
Tgt Ion:138 Resp: 88280
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.8 14.8
 92 126.8 107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#54

2,4-Dinitrophenol

Concen: 38.304 ng

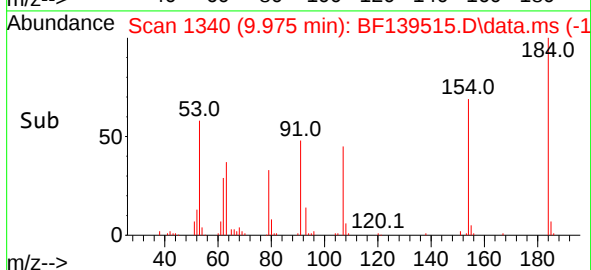
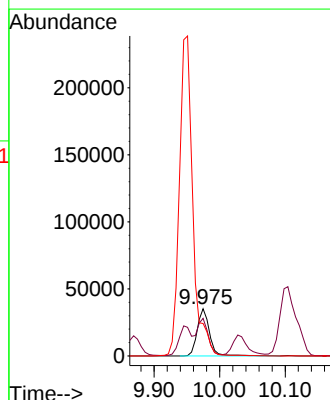
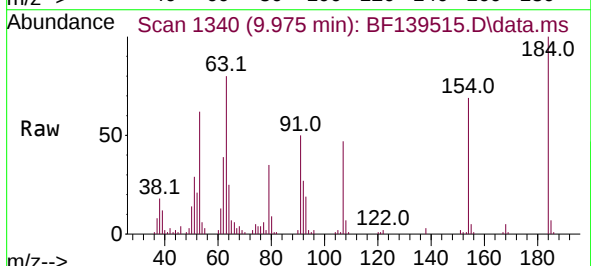
RT: 9.975 min Scan# 1340

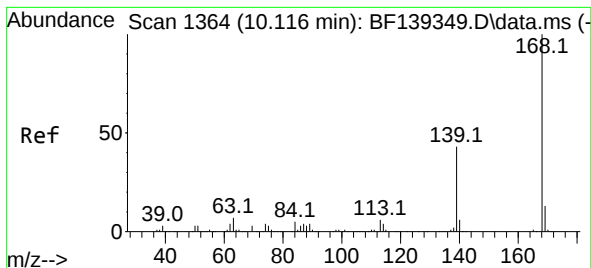
Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Tgt Ion:184 Resp: 46023
 Ion Ratio Lower Upper
 184 100
 63 79.9 69.3 103.9
 154 68.8 67.5 101.3





#55

Dibenzenofuran

Concen: 38.599 ng

RT: 10.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 482149

Ion Ratio Lower Upper

168 100

139 38.6 34.1 51.1

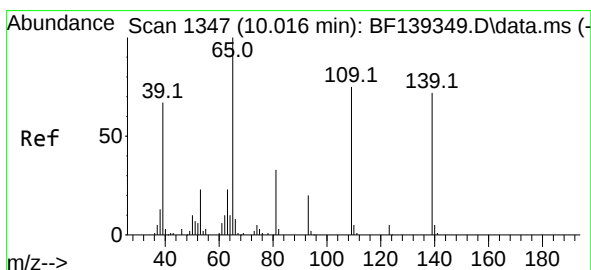
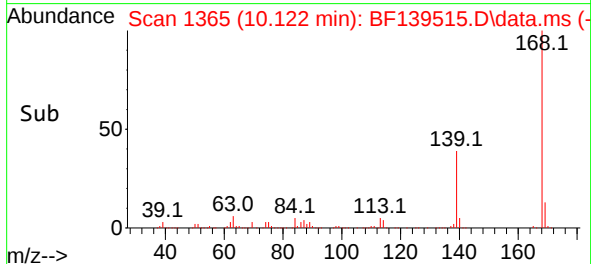
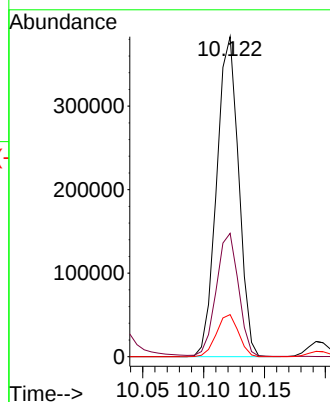
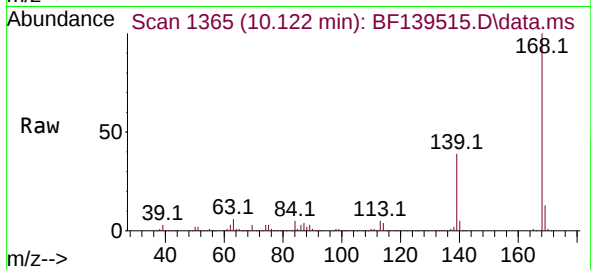
169 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#56

4-Nitrophenol

Concen: 37.938 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

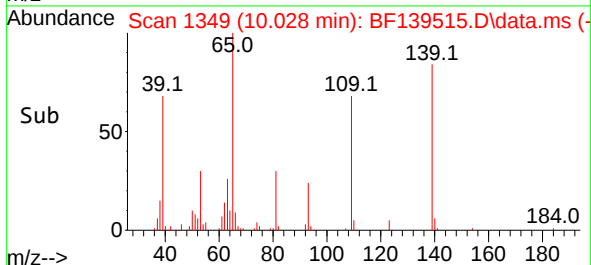
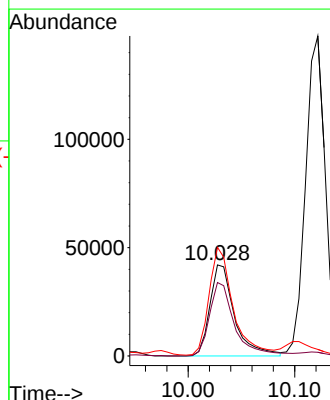
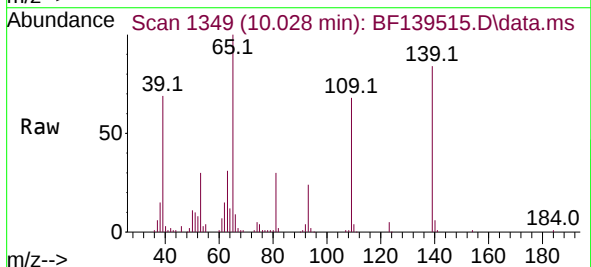
Tgt Ion:139 Resp: 67648

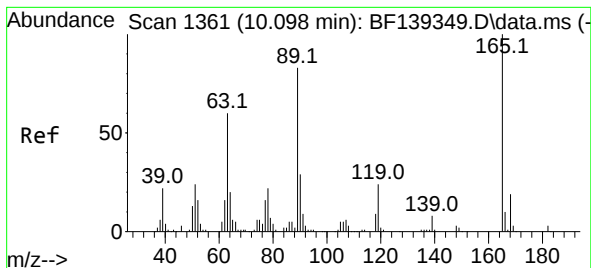
Ion Ratio Lower Upper

139 100

109 80.8 84.1 124.1#

65 119.4 120.0 160.0#





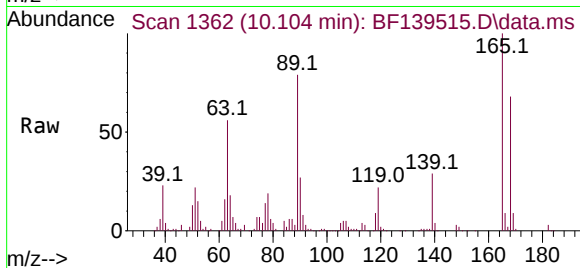
#57
2,4-Dinitrotoluene
Concen: 39.896 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

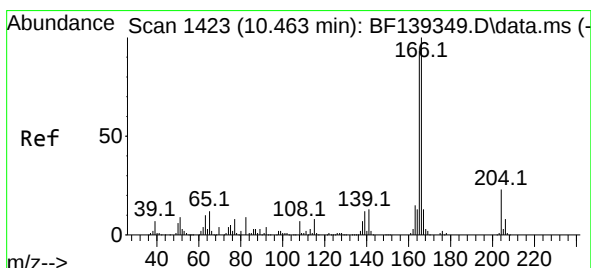
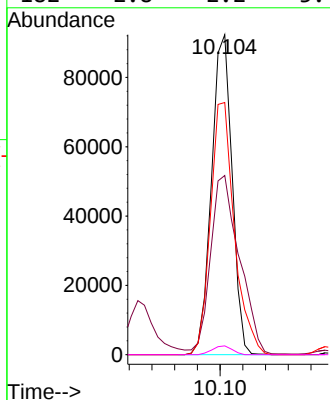
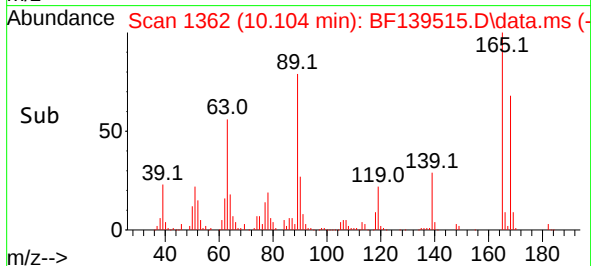


Tgt Ion:165 Resp: 11614
Ion Ratio Lower Upper
165 100
63 56.0 47.8 71.6
89 78.8 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations

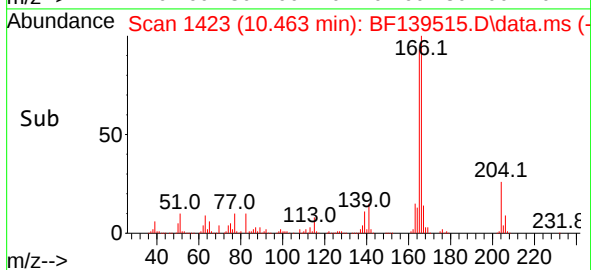
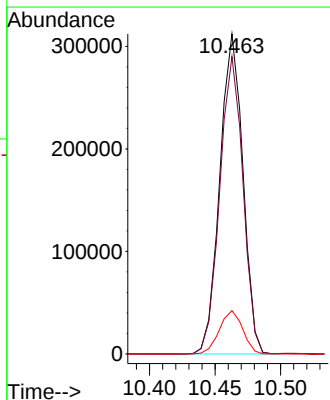
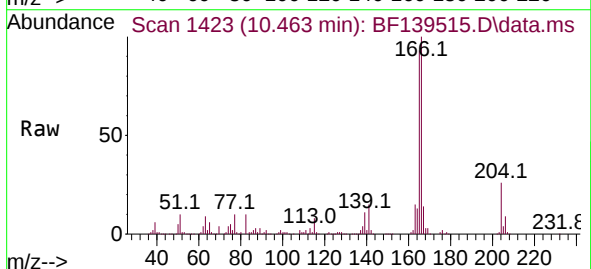
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 37.447 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:166 Resp: 381651
Ion Ratio Lower Upper
166 100
165 93.0 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.878 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

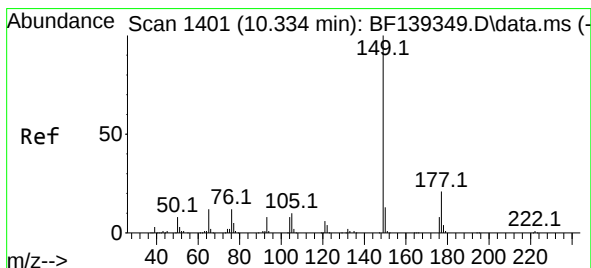
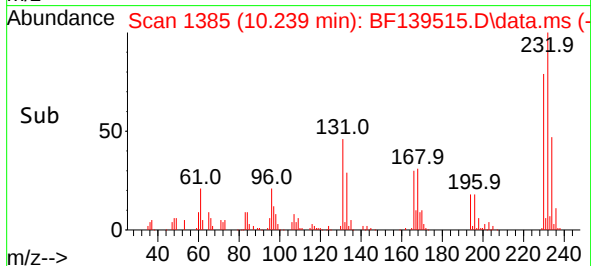
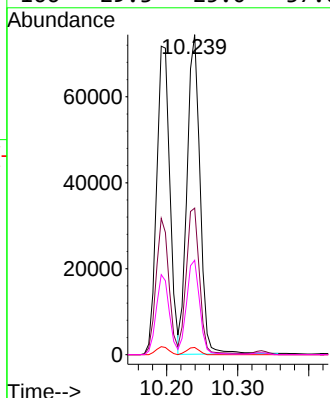
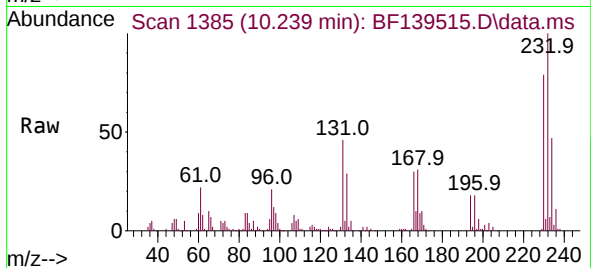
Tgt Ion:232 Resp: 94509
Ion Ratio Lower Upper
232 100
131 47.2 40.7 61.1
130 2.2 2.2 3.2
166 29.3 25.0 37.6

Manual Integrations

APPROVED

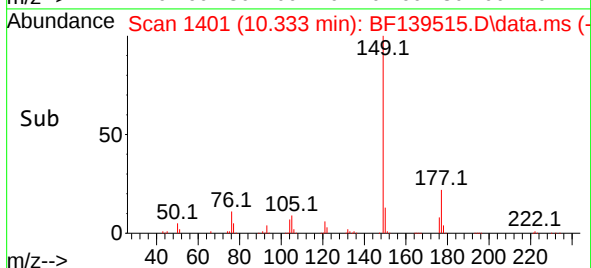
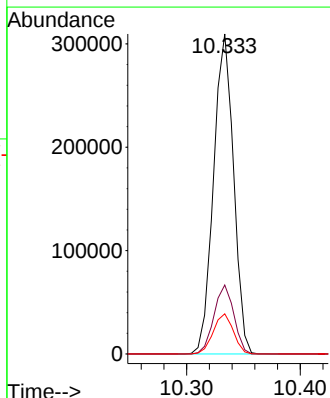
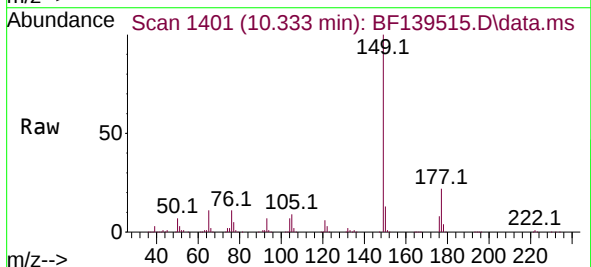
Reviewed By :Yogesh Patel 09/25/2024

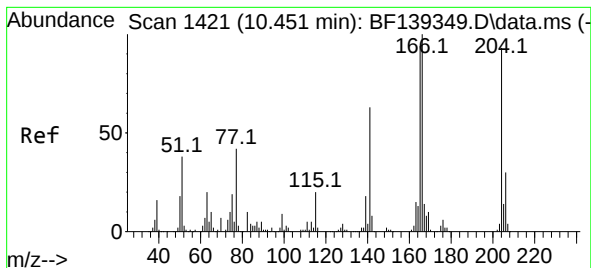
Supervised By :mohammad ahmed 09/25/2024



#60
Diethylphthalate
Concen: 37.764 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

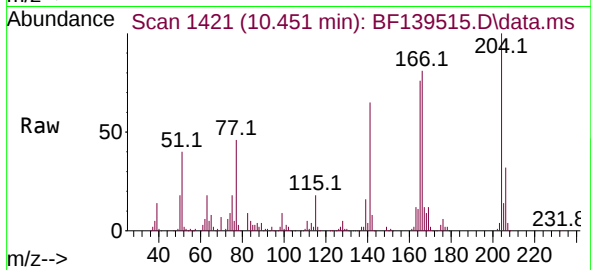
Tgt Ion:149 Resp: 379320
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.5 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 36.777 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

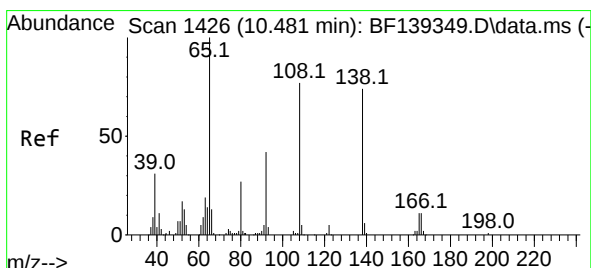
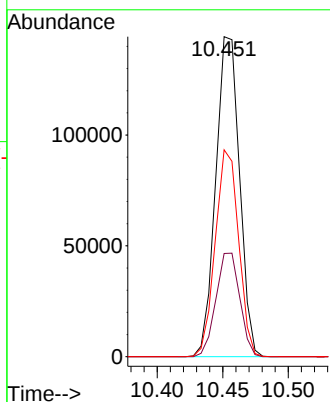
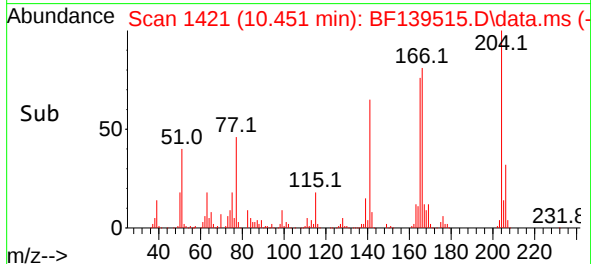
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



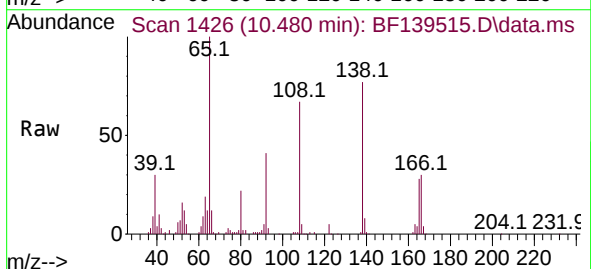
Tgt Ion:204 Resp: 18216
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 64.7 53.9 80.9

Manual Integrations
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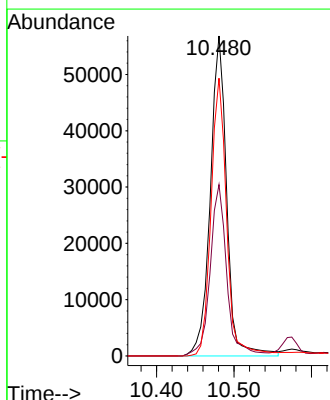
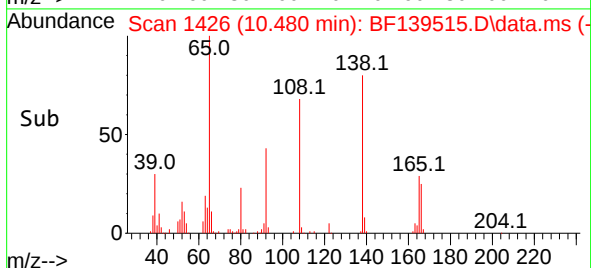
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

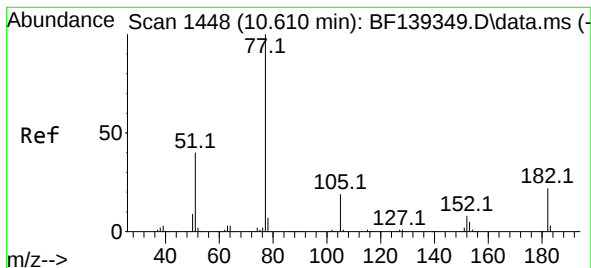


#62
4-Nitroaniline
Concen: 35.638 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



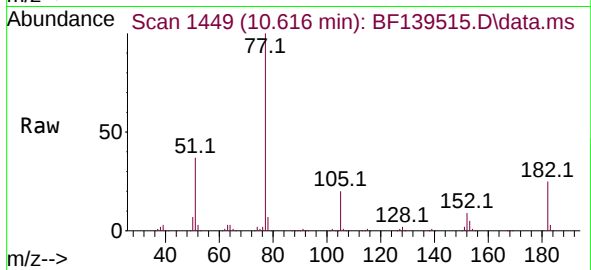
Tgt Ion:138 Resp: 83815
Ion Ratio Lower Upper
138 100
92 53.5 37.0 77.0
108 86.8 84.4 124.4





#63
Azobenzene
Concen: 38.489 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

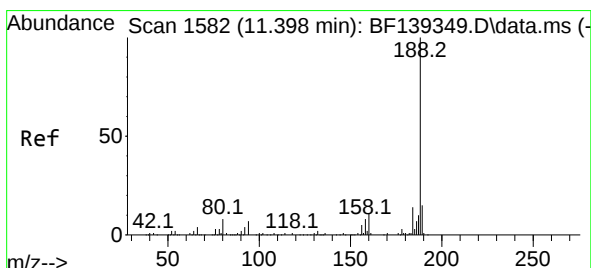
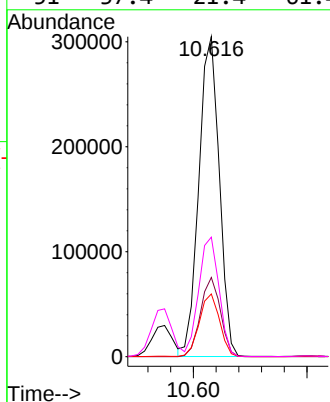
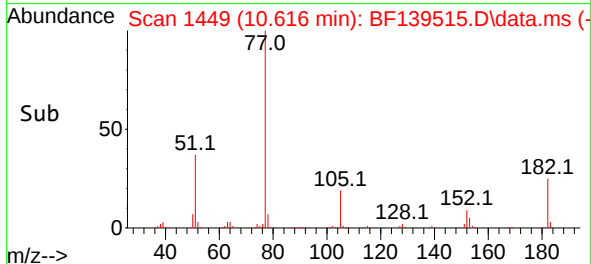
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



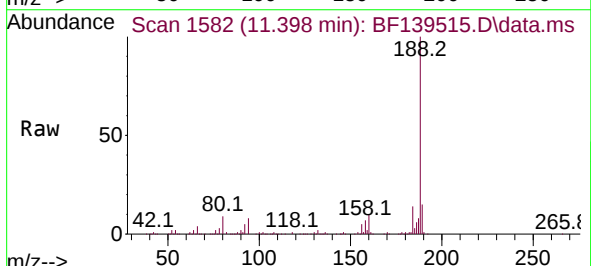
Tgt Ion: 77 Resp: 380244
Ion Ratio Lower Upper
77 100
182 24.7 1.8 41.8
105 19.6 0.0 38.6
51 37.4 21.4 61.4

Manual Integrations
APPROVED

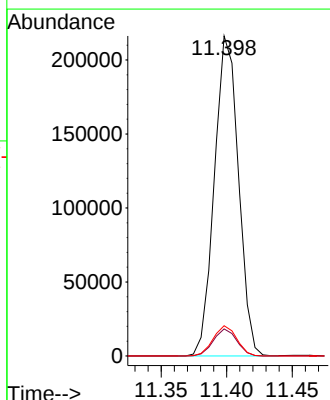
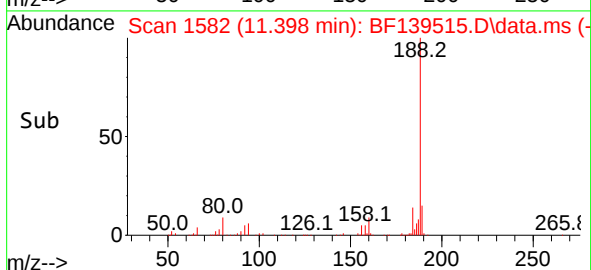
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

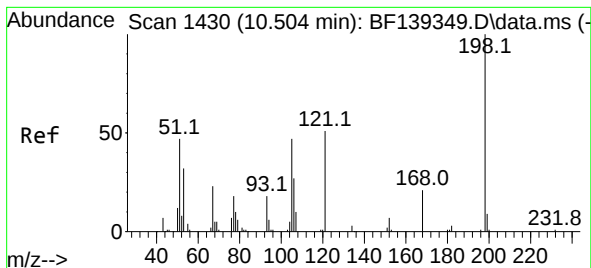


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:188 Resp: 275994
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: 41.464 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

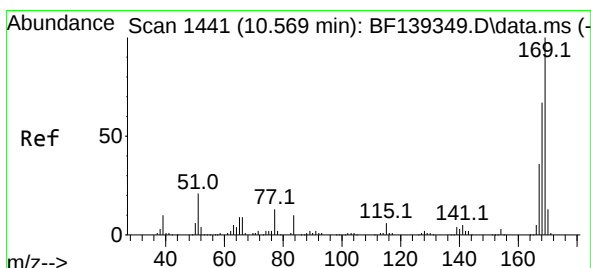
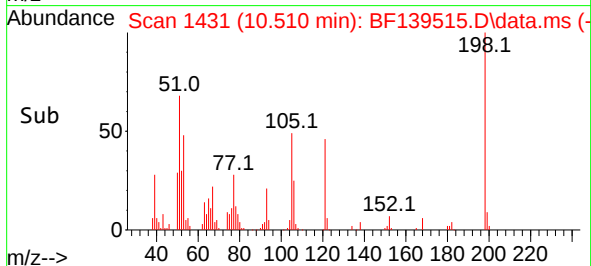
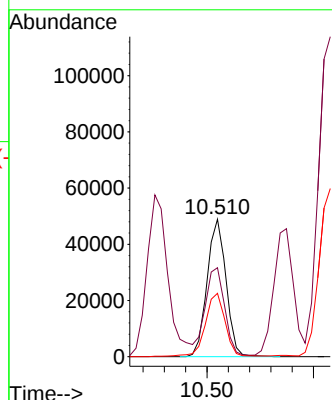
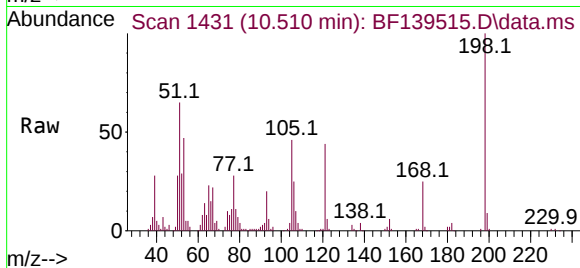
SSTDCCC040

Tgt Ion:198 Resp: 60399
Ion Ratio Lower Upper
198 100
51 64.8 50.4 90.4
105 46.0 28.3 68.3

Manual Integrations

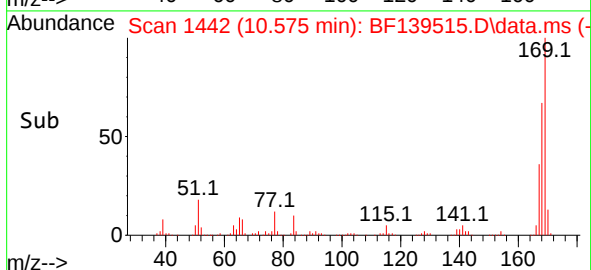
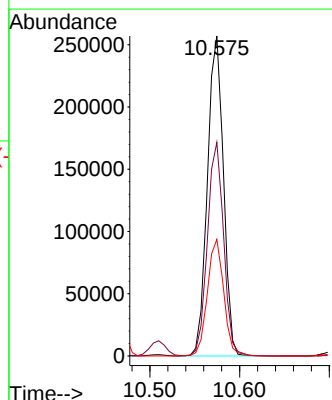
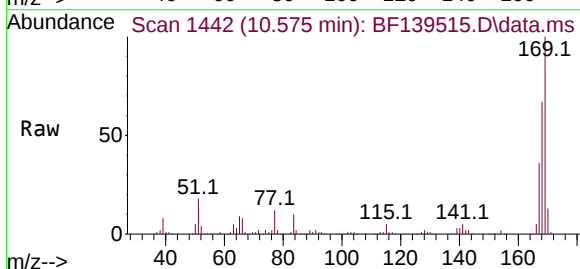
APPROVED

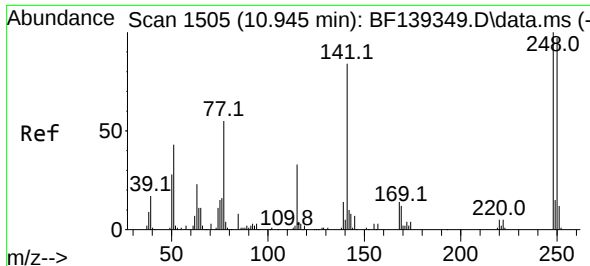
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 39.450 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:169 Resp: 318326
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.4 28.7 43.1





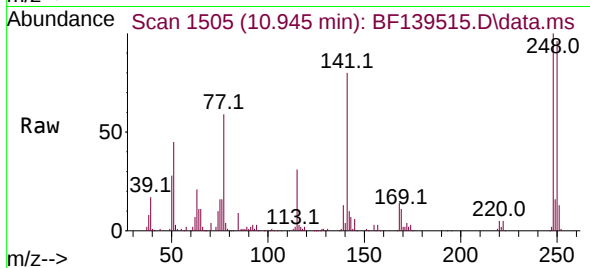
#67
4-Bromophenyl-phenylether
Concen: 39.356 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

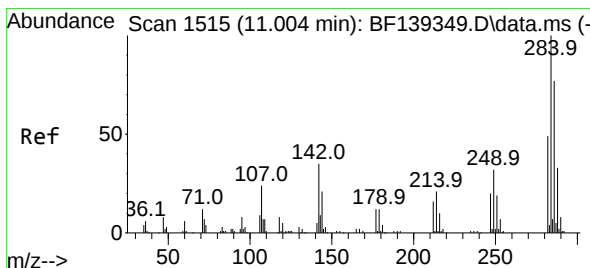
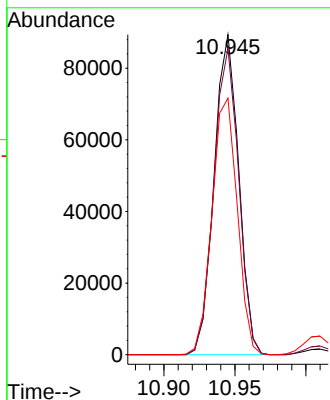
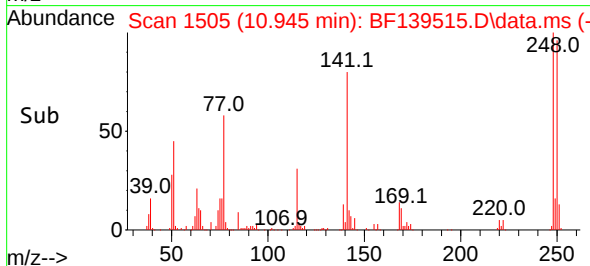


Tgt Ion:248 Resp: 107640
Ion Ratio Lower Upper
248 100
250 95.7 77.6 116.4
141 80.1 66.9 100.3

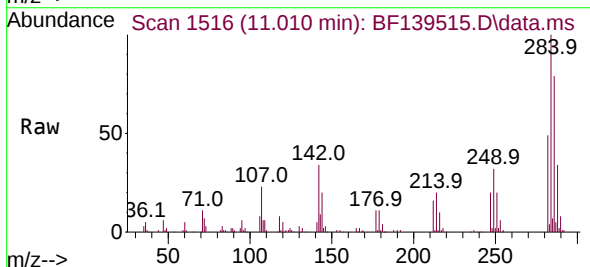
Manual Integrations

APPROVED

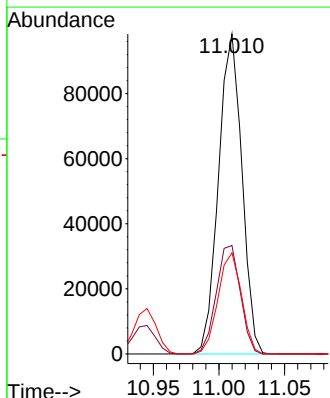
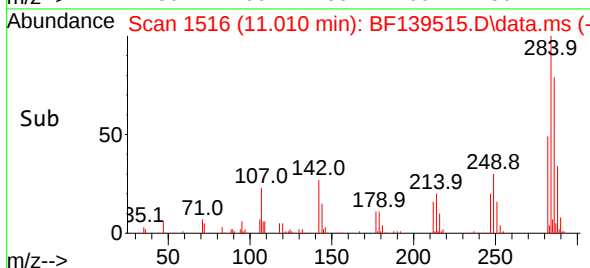
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

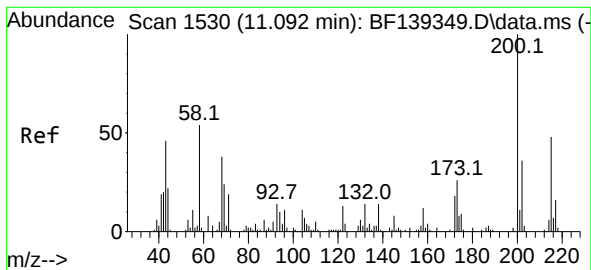


#68
Hexachlorobenzene
Concen: 37.987 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:284 Resp: 121934
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 35.634 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 6845

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

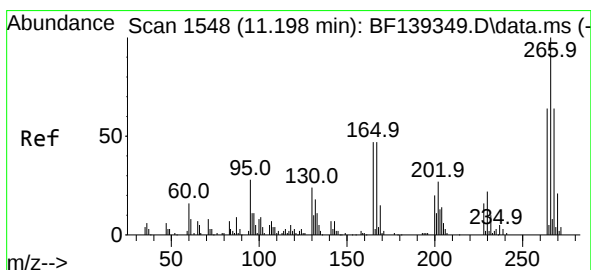
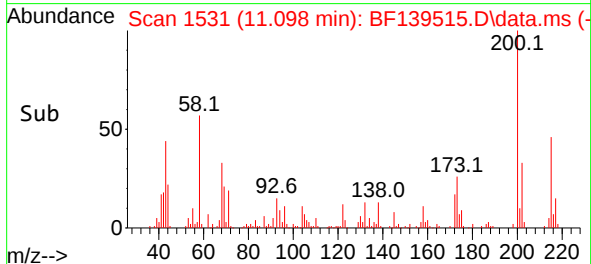
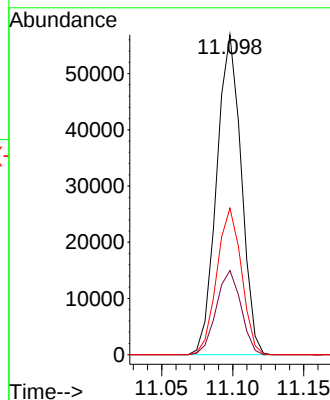
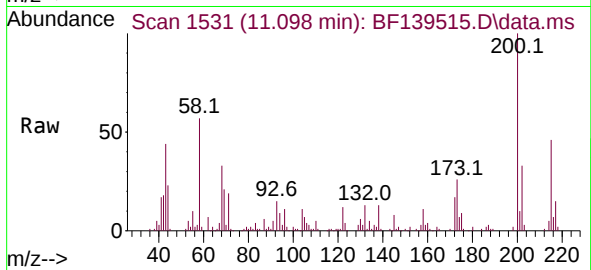
215 45.8 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#70

Pentachlorophenol

Concen: 37.972 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

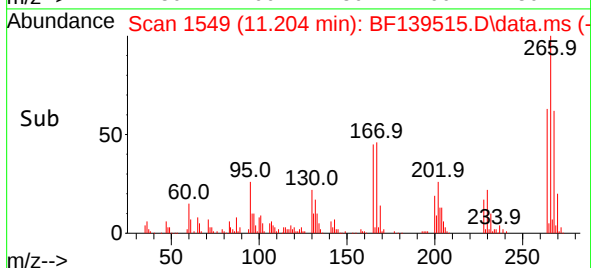
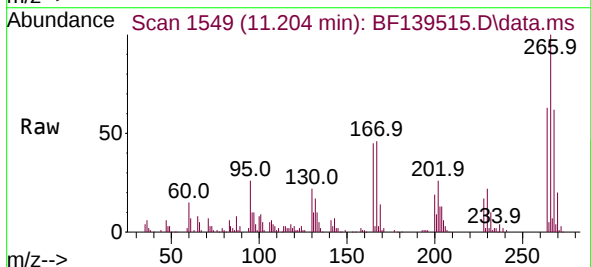
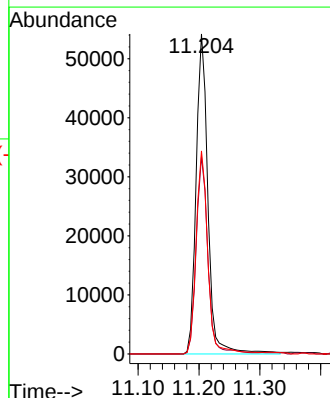
Tgt Ion:266 Resp: 73136

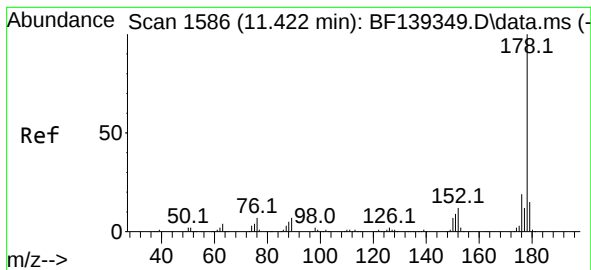
Ion Ratio Lower Upper

266 100

268 61.7 51.1 76.7

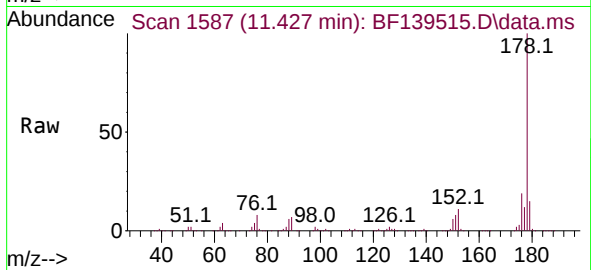
264 63.4 51.4 77.0





#71
Phenanthrene
Concen: 39.020 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

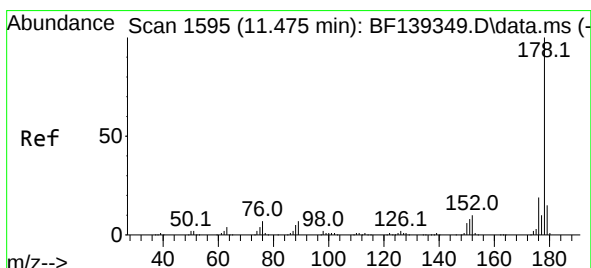
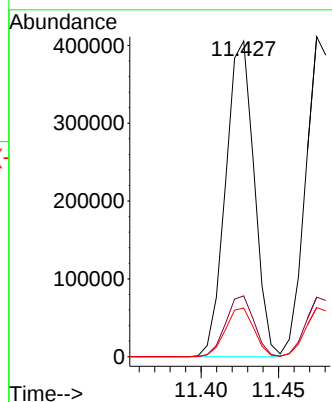
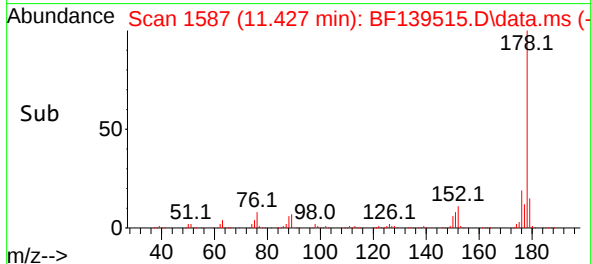
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 519578
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.4 12.2 18.4

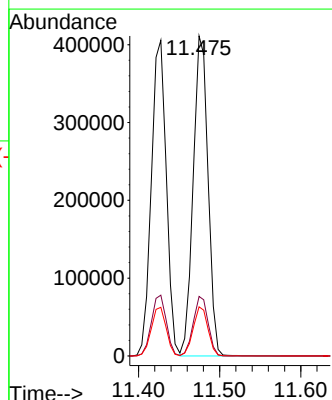
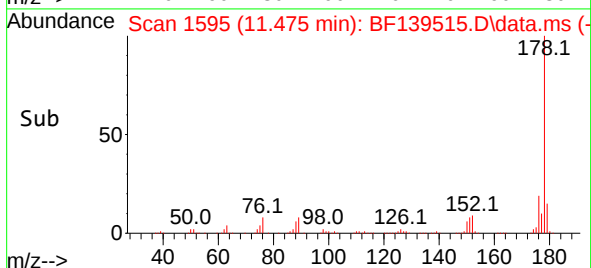
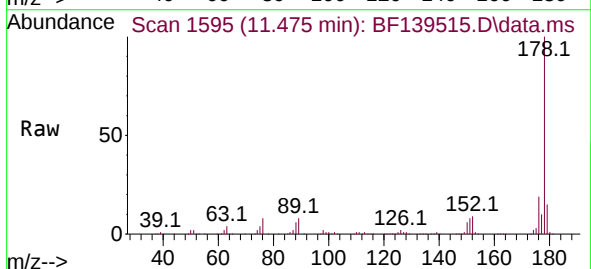
Manual Integrations
APPROVED

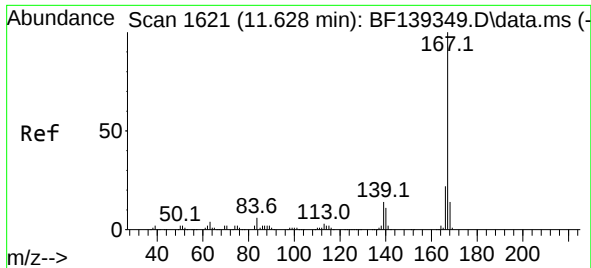
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#72
Anthracene
Concen: 40.168 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:178 Resp: 522939
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.3 12.0 18.0





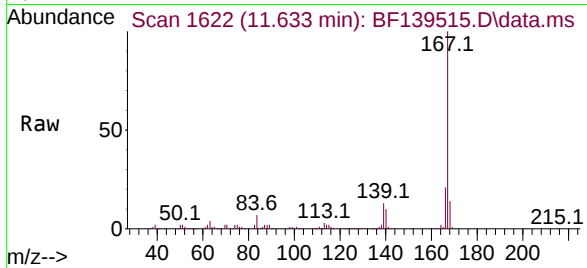
#73
 Carbazole
 Concen: 40.399 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139515.D
 Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

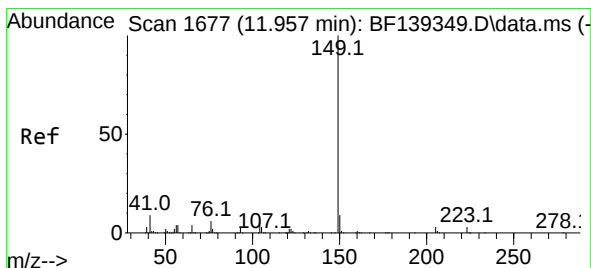
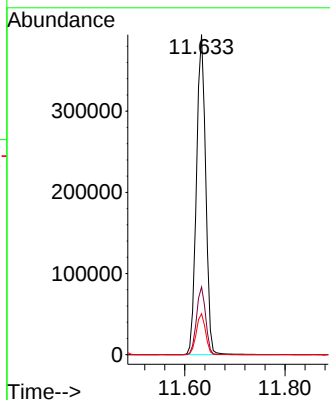
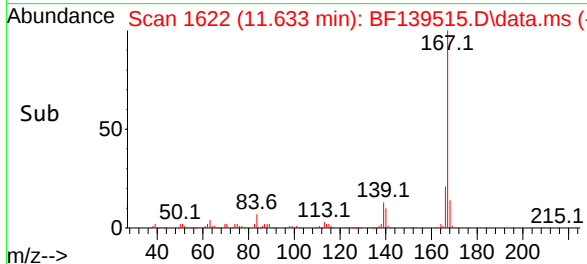


Tgt Ion:167 Resp: 50339
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.5 26.3
 139 12.8 10.9 16.3

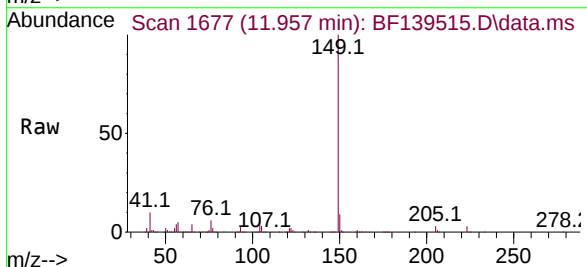
Manual Integrations

APPROVED

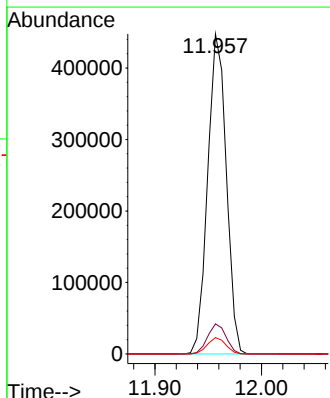
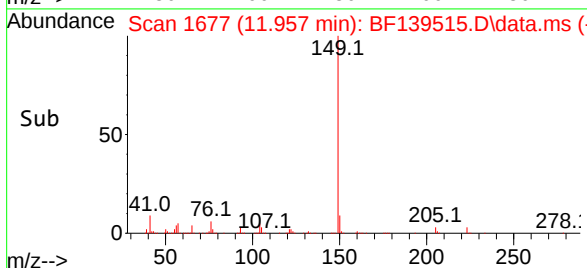
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

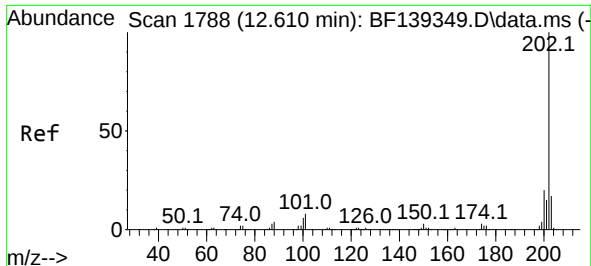


#74
 Di-n-butylphthalate
 Concen: 39.107 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139515.D
 Acq: 24 Sep 2024 12:32



Tgt Ion:149 Resp: 542817
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.1 4.3 6.5





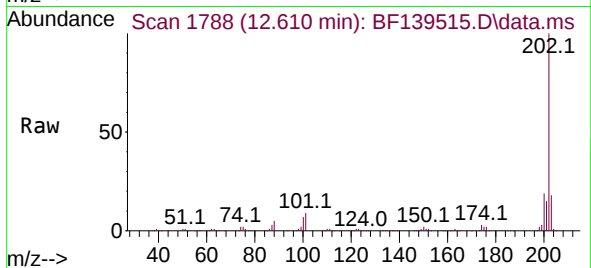
#75
Fluoranthene
Concen: 38.780 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



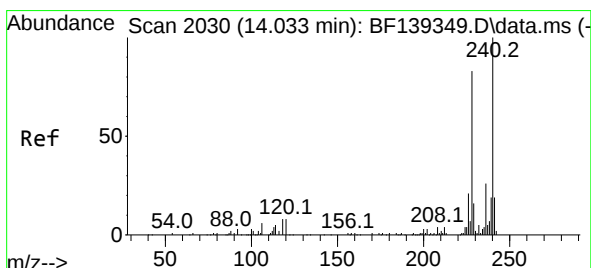
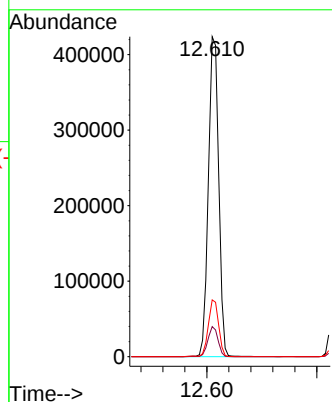
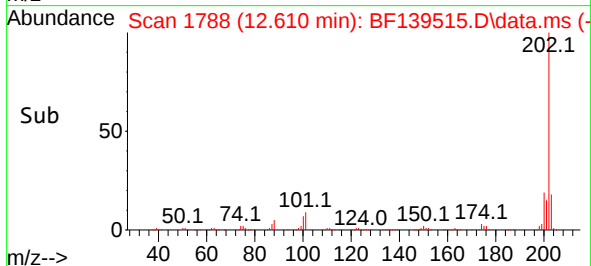
Tgt Ion:202 Resp: 551449
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.7
203 17.7 0.0 37.4

Manual Integrations

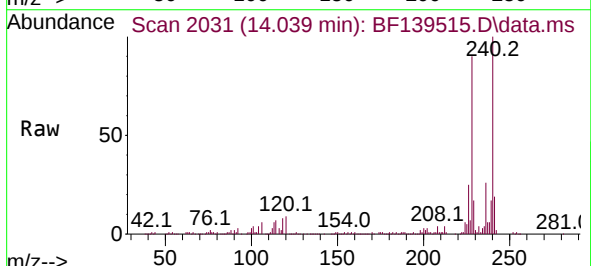
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

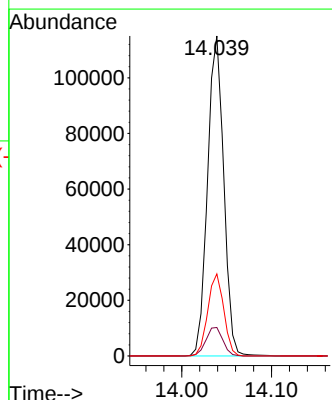
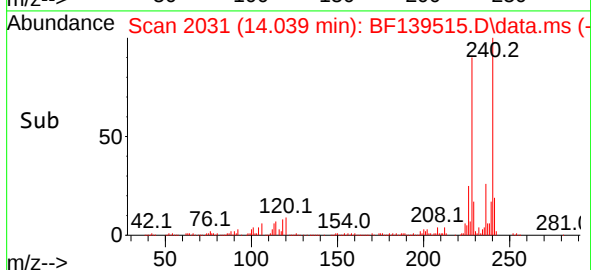
Supervised By :mohammad ahmed 09/25/2024

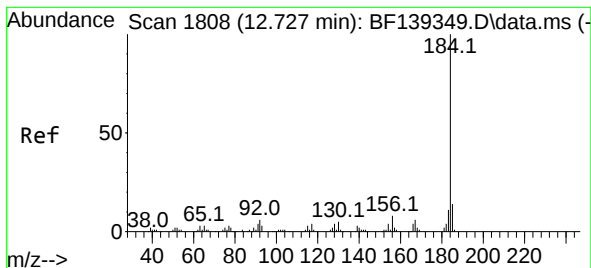


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:240 Resp: 144030
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 25.6 20.9 31.3





#77

Benzidine

Concen: 21.769 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.018 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

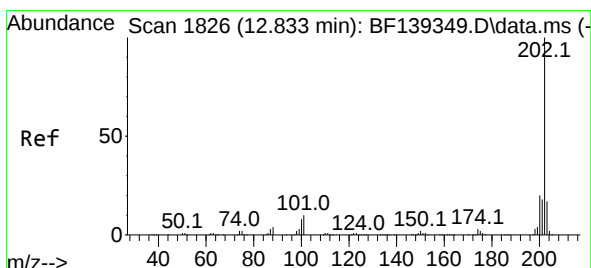
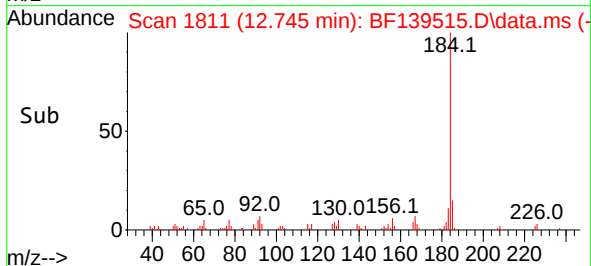
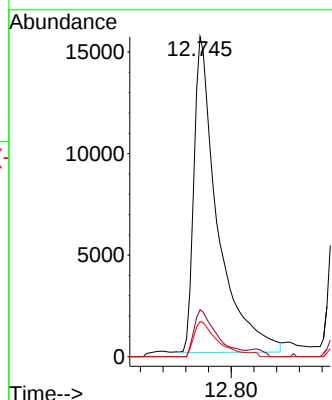
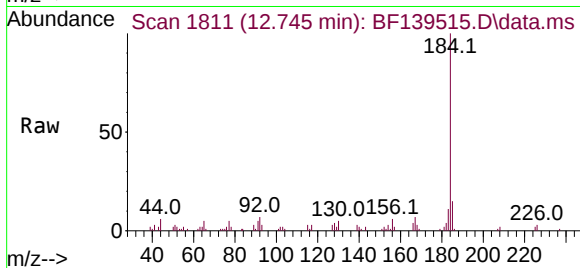
Tgt Ion:184	Resp:	44920
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.5 17.3
183	11.0	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#78

Pyrene

Concen: 44.932 ng

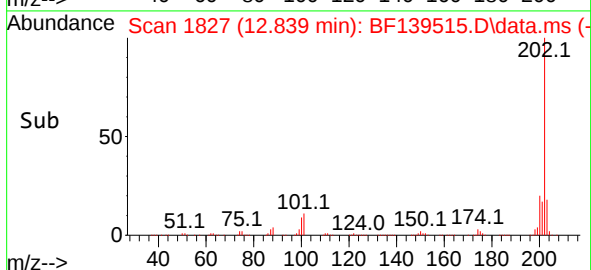
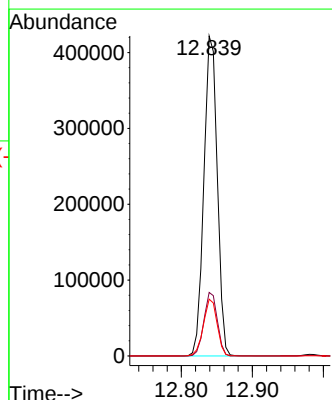
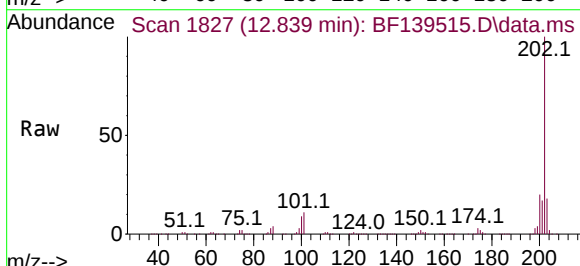
RT: 12.839 min Scan# 1827

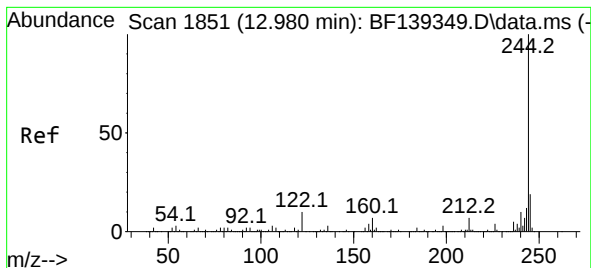
Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Tgt Ion:202	Resp:	555668
Ion Ratio	Lower	Upper
202	100	
200	19.8	16.2 24.2
203	17.7	13.9 20.9





#79

Terphenyl-d14

Concen: 82.009 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139515.D

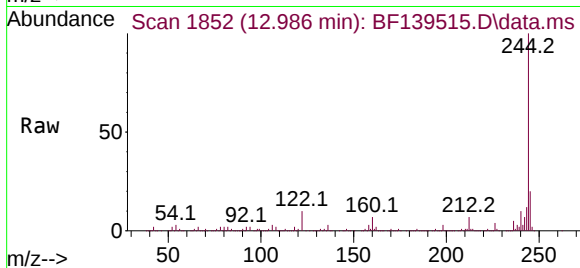
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



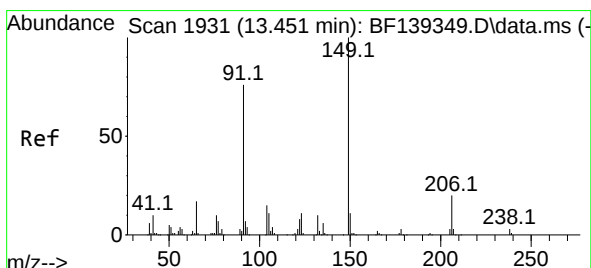
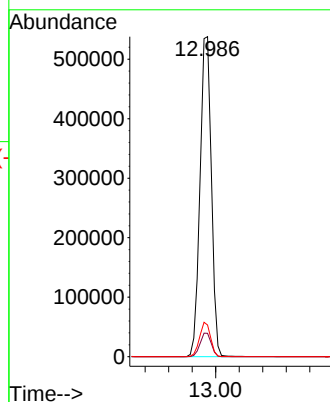
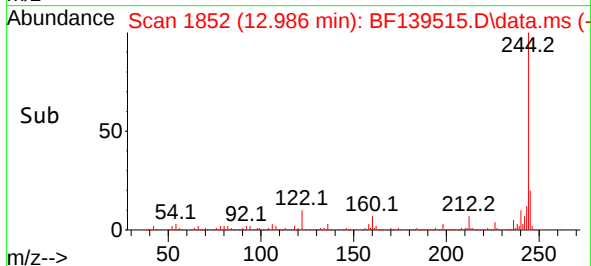
Tgt Ion:	244	Resp:	71961
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	9.9	7.6	11.4

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#80

Butylbenzylphthalate

Concen: 40.574 ng

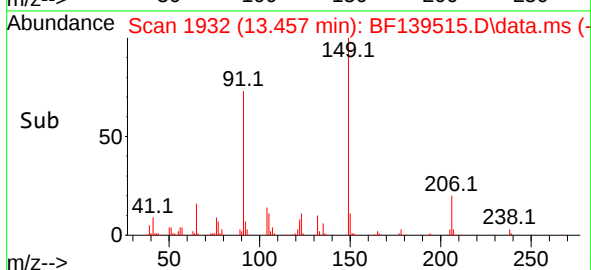
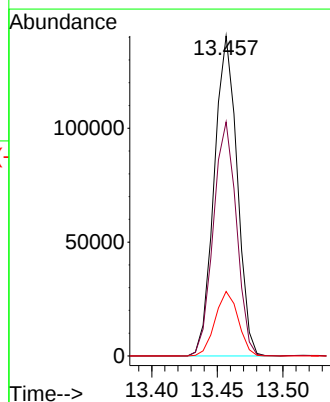
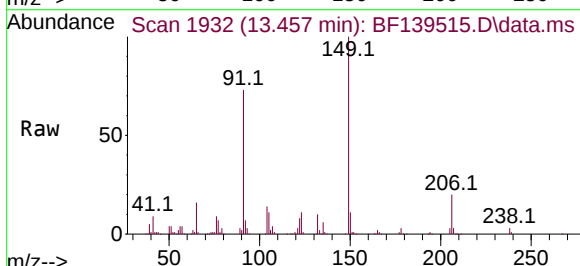
RT: 13.457 min Scan# 1932

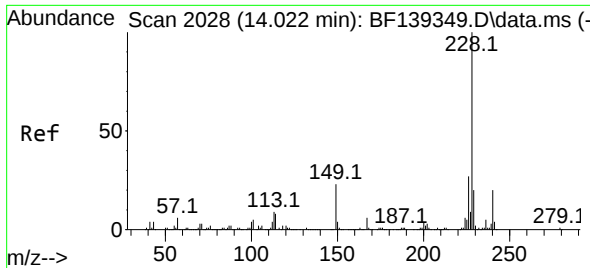
Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Tgt Ion:	149	Resp:	170793
Ion Ratio	Lower	Upper	
149	100		
91	73.2	60.9	91.3
206	20.2	15.8	23.8





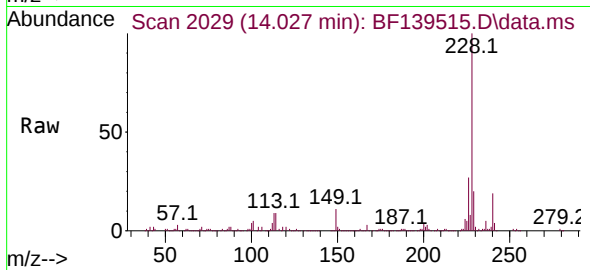
#81
Benzo(a)anthracene
Concen: 38.470 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

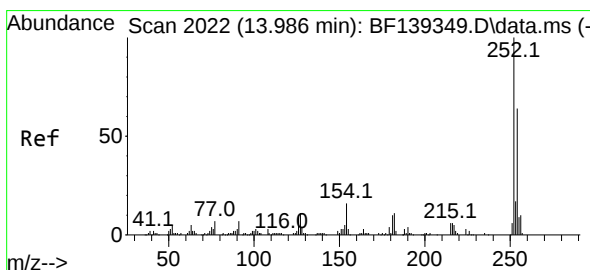
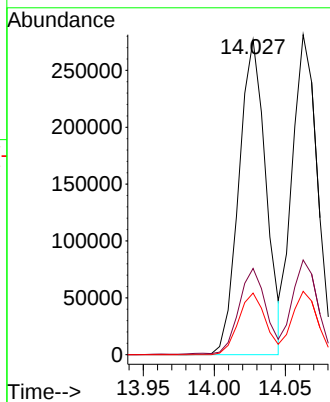
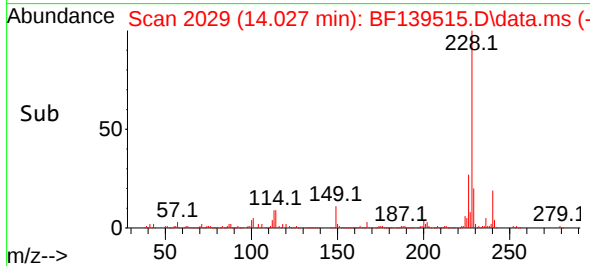


Tgt Ion:228 Resp: 36702
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.5 15.7 23.5

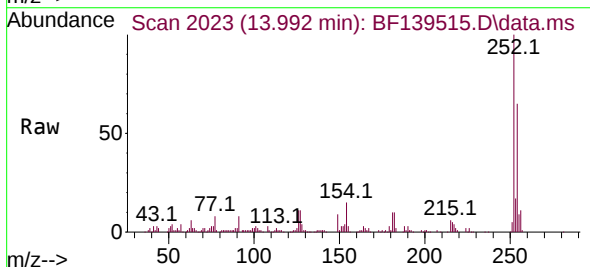
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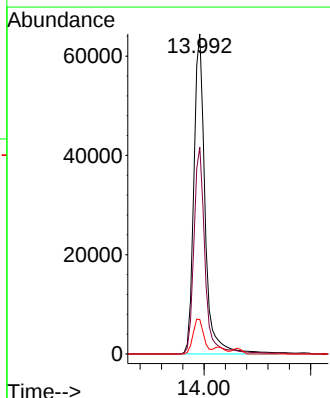
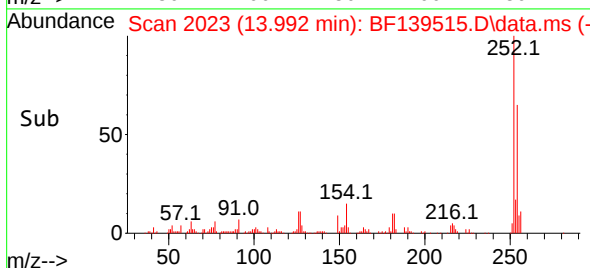
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

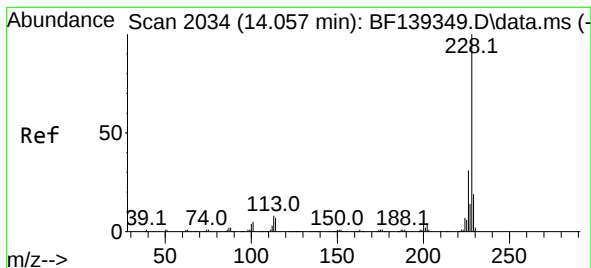


#82
3,3'-Dichlorobenzidine
Concen: 33.905 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:252 Resp: 94730
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.7 7.7 11.5





#83

Chrysene

Concen: 39.540 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 347059

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

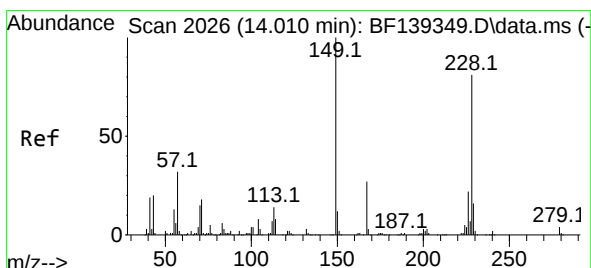
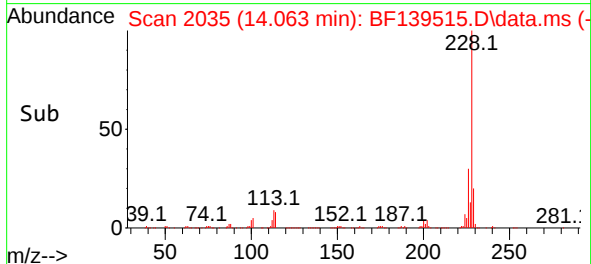
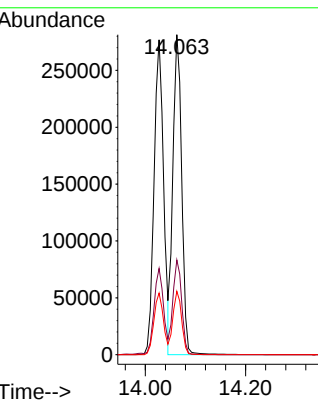
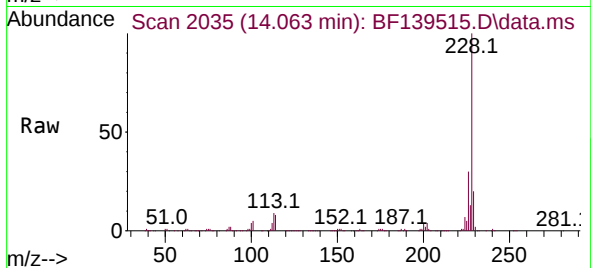
229 19.8 15.4 23.0

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Supervised By :mohammad ahmed 09/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.134 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

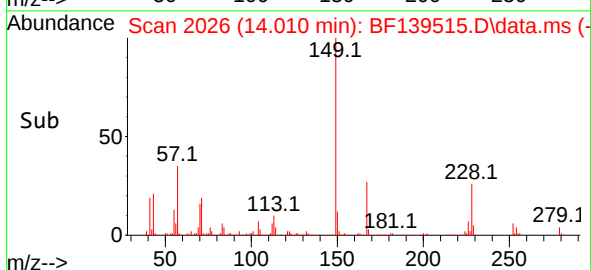
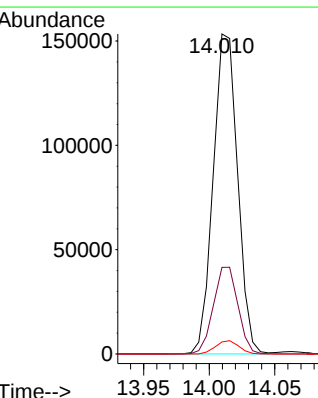
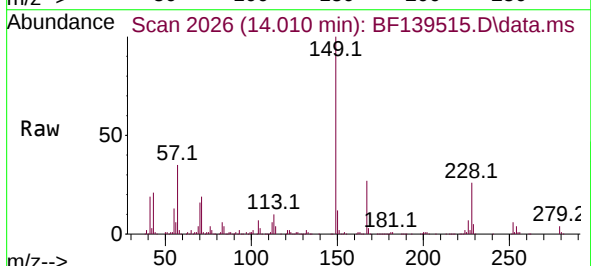
Tgt Ion:149 Resp: 198852

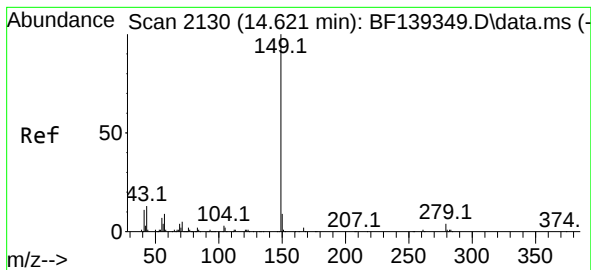
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.105 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 28473

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

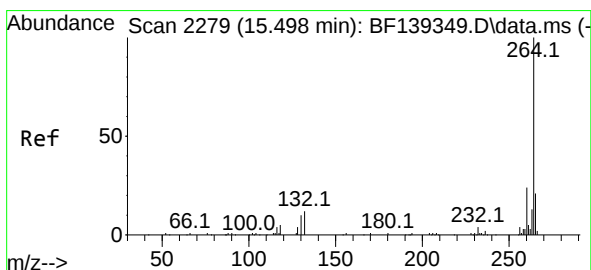
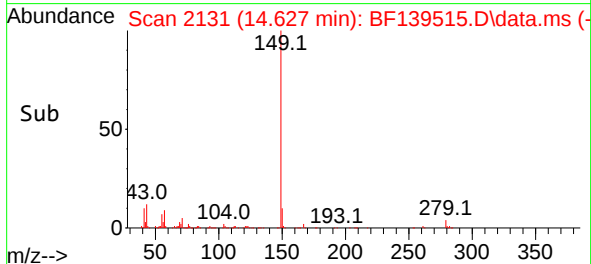
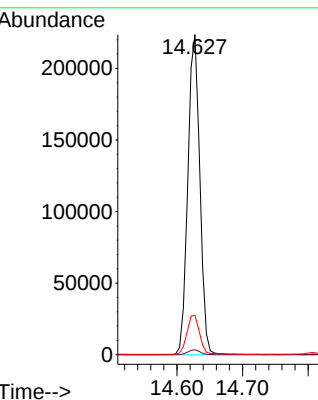
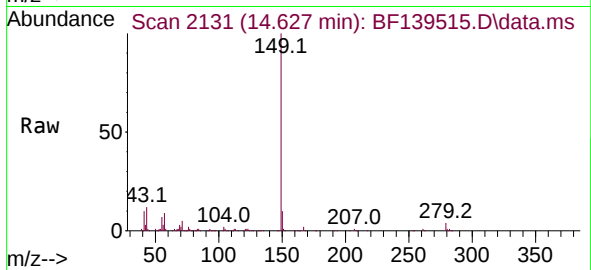
43 13.1 10.6 16.0

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Supervised By :mohammad ahmed 09/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139515.D

Acq: 24 Sep 2024 12:32

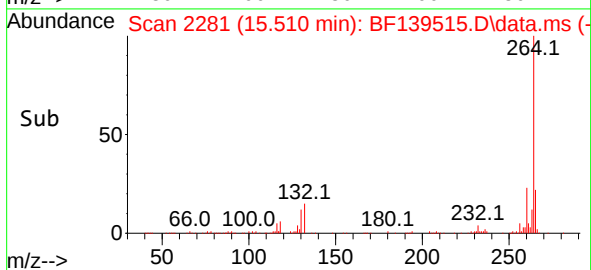
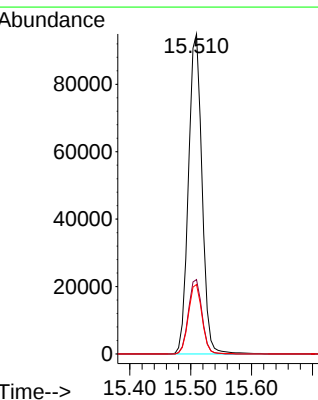
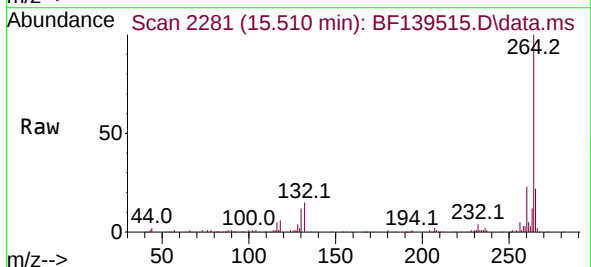
Tgt Ion:264 Resp: 146456

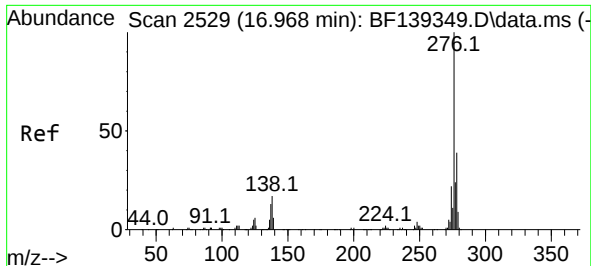
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.7 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.007 ng
RT: 16.986 min Scan# 2151
Delta R.T. 0.018 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

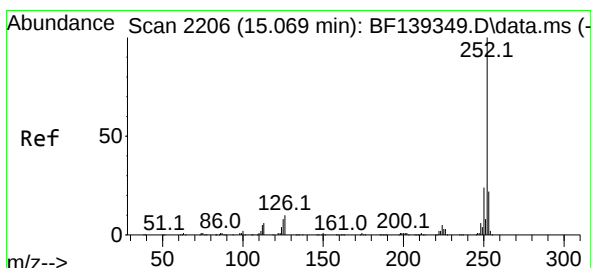
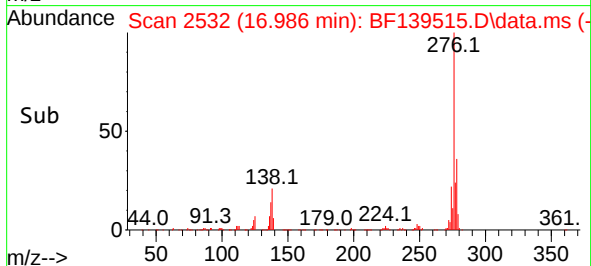
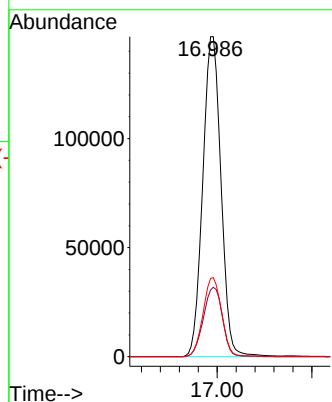
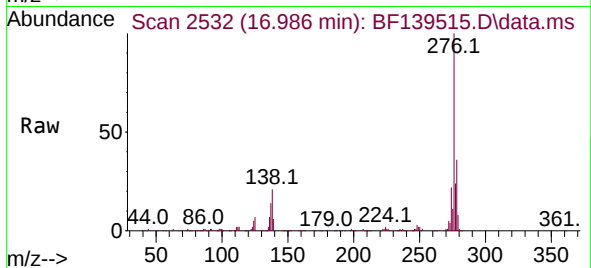
SSTDCCC040

Tgt Ion:276 Resp: 391949
Ion Ratio Lower Upper
276 100
138 22.9 15.4 23.2
277 25.1 20.4 30.6

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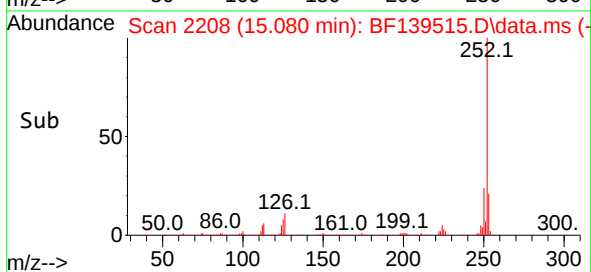
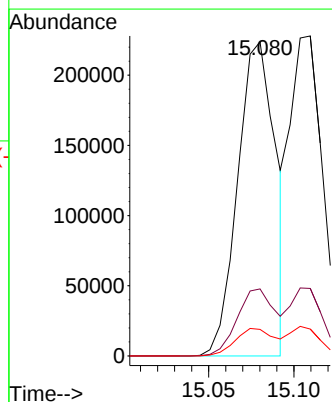
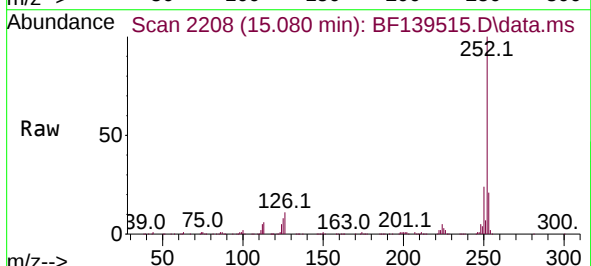
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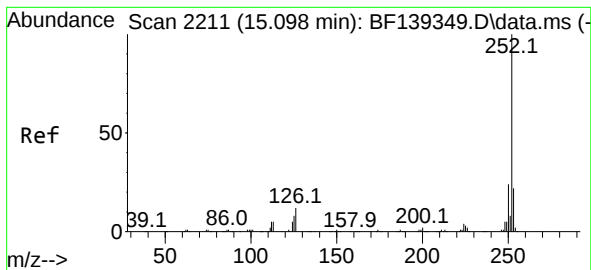
Reviewed By :Yogesh Patel 09/25/2024
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#88
Benzo(b)fluoranthene
Concen: 38.349 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:252 Resp: 346382
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 8.5 6.2 9.2





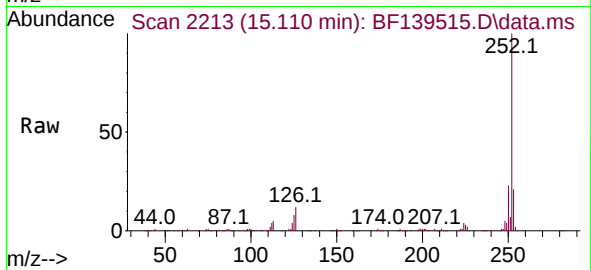
#89
Benzo(k)fluoranthene
Concen: 36.712 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

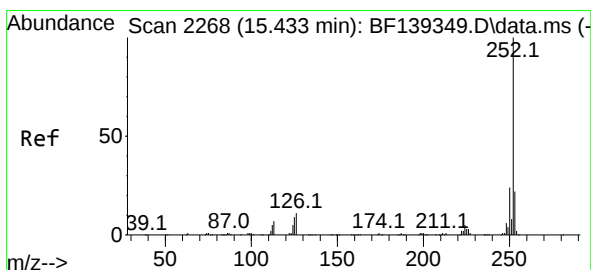
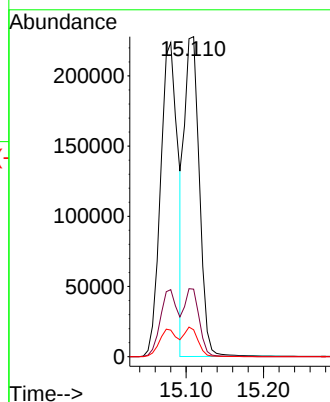
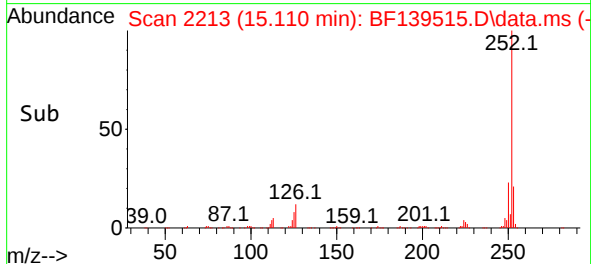


Tgt Ion:252 Resp: 305749
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 8.4 5.9 8.9

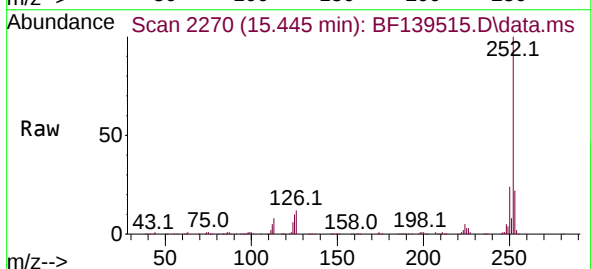
Manual Integrations

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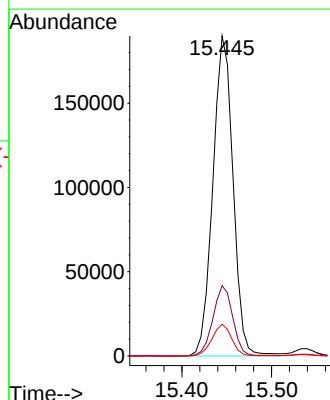
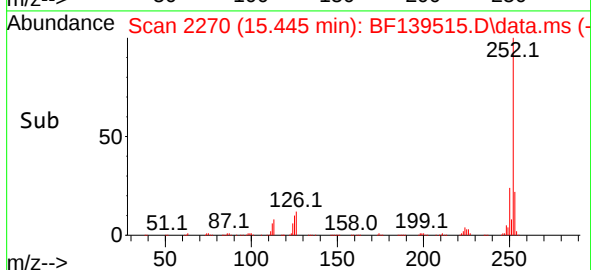
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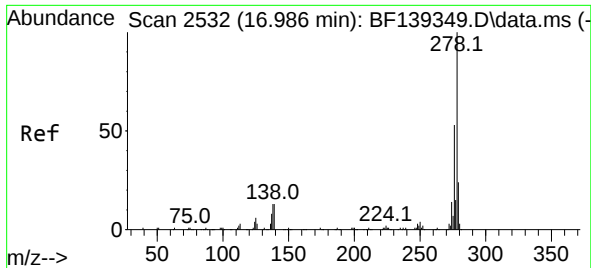


#90
Benzo(a)pyrene
Concen: 39.570 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32



Tgt Ion:252 Resp: 296420
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 44.431 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Instrument :

BNA_F

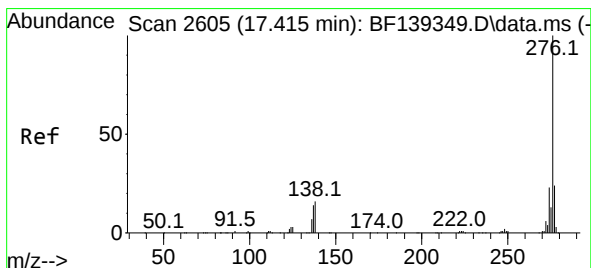
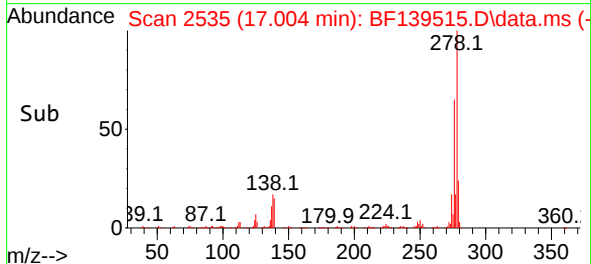
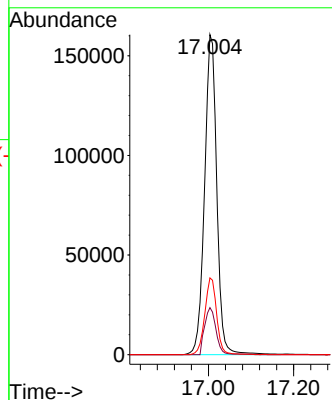
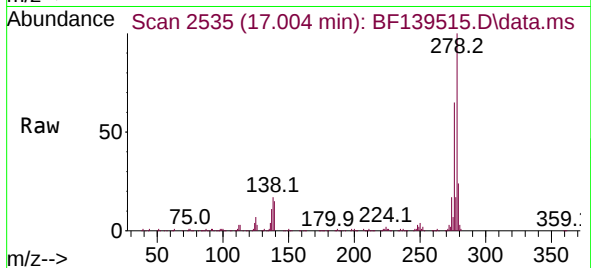
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 31973
Ion Ratio Lower Upper
278 100
139 14.7 10.2 15.2
279 24.0 18.9 28.3

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#92
Benzo(g,h,i)perylene
Concen: 47.235 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139515.D
Acq: 24 Sep 2024 12:32

Tgt Ion:276 Resp: 336555
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 19.1 13.0 19.6

