

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139503.D
 Acq On : 20 Sep 2024 15:55
 Operator : RC/JU
 Sample : P4126-01MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 16:52:47 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	6.875	152	84652	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	293536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	130592	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214580	20.000	ng	0.00
76) Chrysene-d12	14.039	240	124140	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	97561	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	251327	48.434	ng	0.00
7) Phenol-d6	6.510	99	335758	49.296	ng	0.00
23) Nitrobenzene-d5	7.439	82	218014	34.916	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	59991	43.149	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	358352	38.486	ng	0.00
79) Terphenyl-d14	12.980	244	310029	40.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	34570	16.605	ng	97
3) Pyridine	3.422	79	90968	19.818	ng	98
4) n-Nitrosodimethylamine	3.363	42	73280	18.419	ng	87
6) Aniline	6.563	93	41007	7.978	ng	98
8) 2-Chlorophenol	6.663	128	113941	21.331	ng	98
9) Benzaldehyde	6.428	77	18491	4.699	ng	96
10) Phenol	6.522	94	146743	21.154	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	122647	23.262	ng	93
12) 1,3-Dichlorobenzene	6.816	146	119137	19.612	ng	98
13) 1,4-Dichlorobenzene	6.892	146	122578	19.968	ng	98
14) 1,2-Dichlorobenzene	7.045	146	115624	19.933	ng	98
15) Benzyl Alcohol	7.016	79	82650	15.210	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	195693	24.084	ng	99
17) 2-Methylphenol	7.134	107	90107	21.232	ng	97
18) Hexachloroethane	7.386	117	42758	18.287	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	84857	21.024	ng	99
20) 3+4-Methylphenols	7.287	107	115812	20.002	ng	# 86
22) Acetophenone	7.281	105	159258	20.753	ng	97
24) Nitrobenzene	7.457	77	129796	20.198	ng	98
25) Isophorone	7.692	82	219895	22.268	ng	99
26) 2-Nitrophenol	7.775	139	55315	22.094	ng	93
27) 2,4-Dimethylphenol	7.810	122	86986m	26.339	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	129493	23.009	ng	99
29) 2,4-Dichlorophenol	8.022	162	87088	20.757	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	96161	19.671	ng	99
31) Naphthalene	8.181	128	323057	21.081	ng	100
32) Benzoic acid	7.898	122	36245	11.727	ng	93
33) 4-Chloroaniline	8.269	127	67060	14.304	ng	98
34) Hexachlorobutadiene	8.298	225	63670	19.171	ng	99
35) Caprolactam	8.581	113	25306	19.608	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	87321	18.211	ng	97
37) 2-Methylnaphthalene	8.869	142	198859	20.444	ng	99
38) 1-Methylnaphthalene	8.969	142	181236	18.979	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	89330	23.081	ng	99
41) Hexachlorocyclopentadiene	9.022	237	47105	34.857	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	55609	22.084	ng	98

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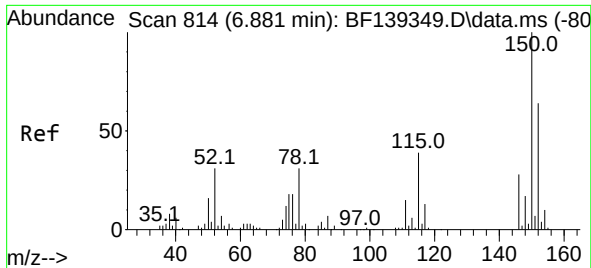
Manual Integrations
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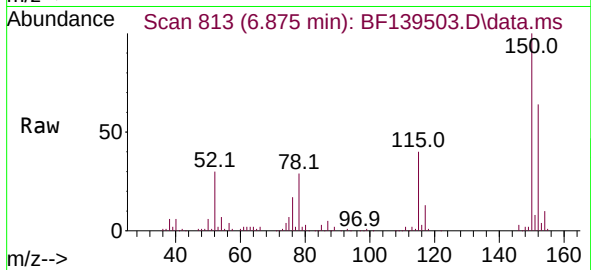
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	56939	21.437	ng	100
46) 1,1'-Biphenyl	9.333	154	228780	22.771	ng	99
47) 2-Chloronaphthalene	9.357	162	167000	22.231	ng	99
48) 2-Nitroaniline	9.457	65	62458	22.354	ng	99
49) Acenaphthylene	9.775	152	261174	23.097	ng	99
50) Dimethylphthalate	9.633	163	197718	23.067	ng	99
51) 2,6-Dinitrotoluene	9.698	165	40691	21.430	ng	89
52) Acenaphthene	9.945	154	174598	22.123	ng	100
53) 3-Nitroaniline	9.869	138	37504	19.764	ng	89
54) 2,4-Dinitrophenol	9.975	184	17637	16.669	ng	89
55) Dibenzofuran	10.116	168	237056	21.551	ng	96
56) 4-Nitrophenol	10.033	139	58029	36.956	ng	85
57) 2,4-Dinitrotoluene	10.098	165	51492	20.086	ng	96
58) Fluorene	10.463	166	192386	21.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	43945	20.001	ng	94
60) Diethylphthalate	10.327	149	185567	20.979	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	85370	19.572	ng	97
62) 4-Nitroaniline	10.475	138	38154	18.422	ng	88
63) Azobenzene	10.616	77	197494	22.701	ng	89
65) 4,6-Dinitro-2-methylph...	10.504	198	12770	11.276	ng	90
66) n-Nitrosodiphenylamine	10.569	169	151663	24.175	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	47497	22.337	ng	97
68) Hexachlorobenzene	11.010	284	53602	21.478	ng	98
69) Atrazine	11.098	200	42438	28.414	ng	99
70) Pentachlorophenol	11.204	266	60007	40.072	ng	98
71) Phenanthrene	11.427	178	356654	34.451	ng	100
72) Anthracene	11.474	178	271807	26.853	ng	99
73) Carbazole	11.633	167	232347	23.984	ng	98
74) Di-n-butylphthalate	11.957	149	256753	23.792	ng	99
75) Fluoranthene	12.610	202	407409	36.851	ng	98
77) Benzidine	12.745	184	33407	18.783	ng	# 95
78) Pyrene	12.839	202	418561	39.268	ng	99
80) Butylbenzylphthalate	13.457	149	100351	27.659	ng	98
81) Benzo(a)anthracene	14.027	228	238334	28.984	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	54632	22.687	ng	99
83) Chrysene	14.063	228	213300	28.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	121030	26.223	ng	100
85) Di-n-octyl phthalate	14.627	149	169133	24.883	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	140521	24.223	ng	98
88) Benzo(b)fluoranthene	15.080	252	168561	28.014	ng	99
89) Benzo(k)fluoranthene	15.110	252	143950	25.947	ng	99
90) Benzo(a)pyrene	15.445	252	150303	30.120	ng	# 98
91) Dibenzo(a,h)anthracene	17.004	278	101685	21.212	ng	99
92) Benzo(g,h,i)perylene	17.427	276	105425	22.212	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139503.D
 Acq: 20 Sep 2024 15:55

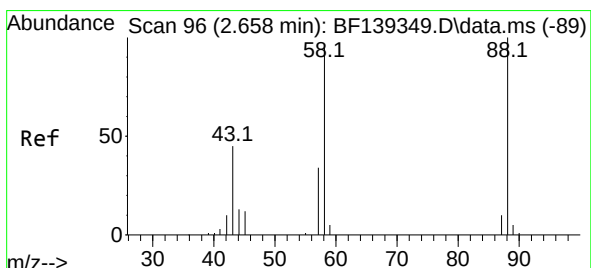
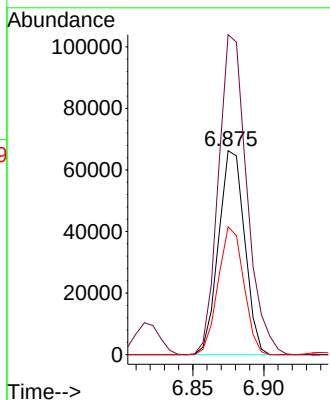
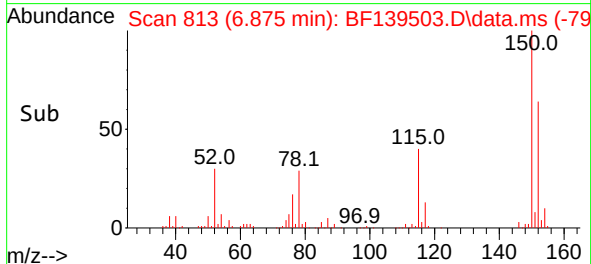
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MSD



Tgt Ion:152 Resp: 84652
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.1 186.1
 115 62.7 48.1 72.1

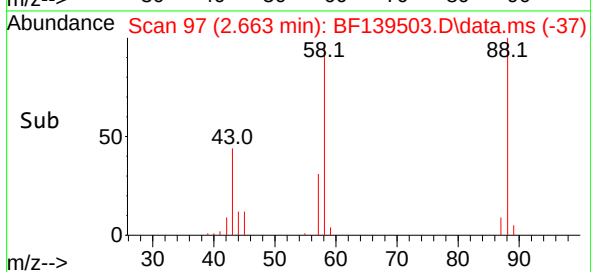
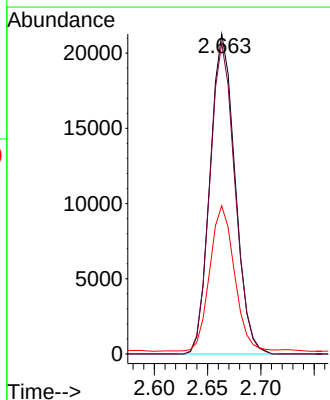
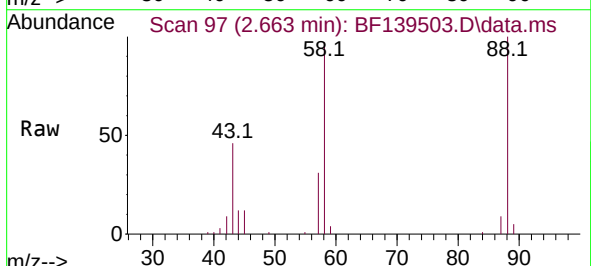
Manual Integrations
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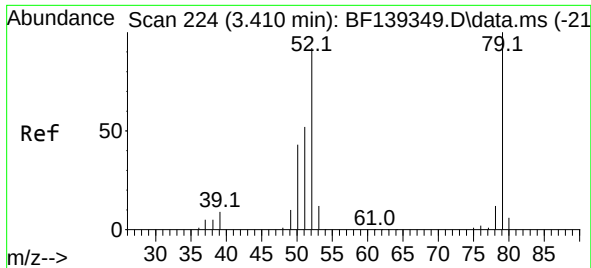
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#2
 1,4-Dioxane
 Concen: 16.605 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BF139503.D
 Acq: 20 Sep 2024 15:55

Tgt Ion: 88 Resp: 34570
 Ion Ratio Lower Upper
 88 100
 58 97.6 74.8 112.2
 43 45.0 36.4 54.6





#3

Pyridine

Concen: 19.818 ng

RT: 3.422 min Scan# 216

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

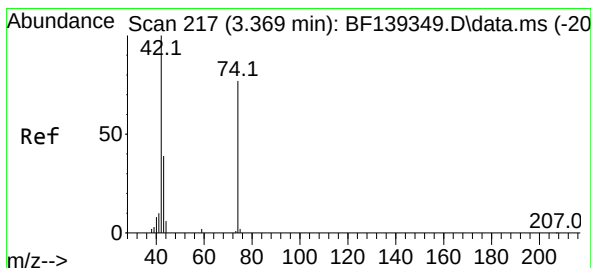
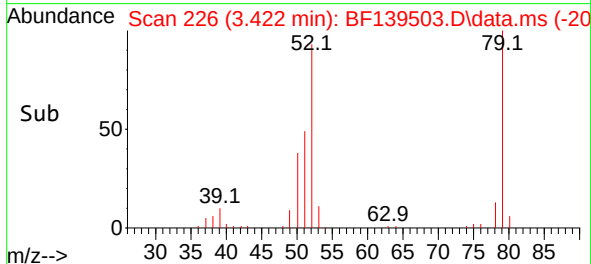
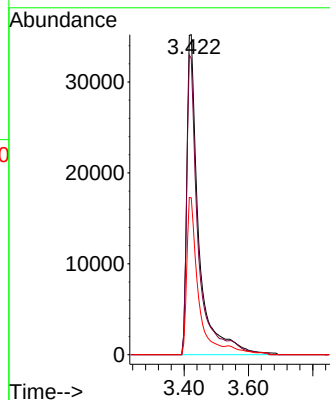
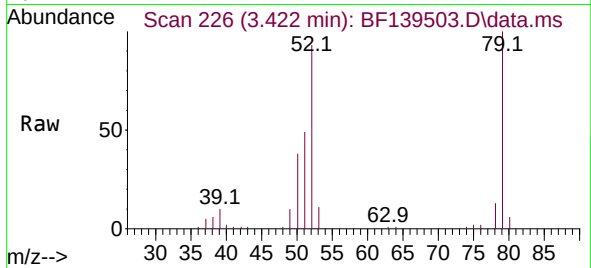
Tgt Ion: 79 Resp: 9096

Ion	Ratio	Lower	Upper
79	100		
52	92.5	73.8	110.8
51	49.1	41.8	62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 18.419 ng

RT: 3.363 min Scan# 216

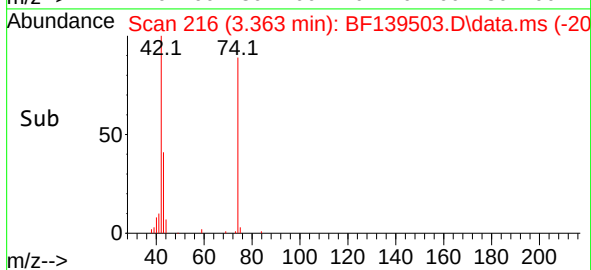
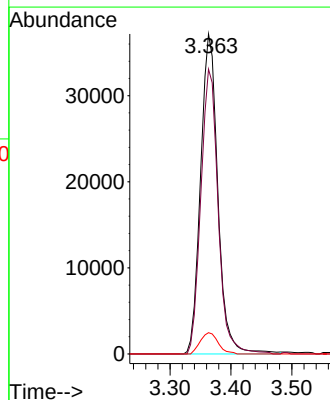
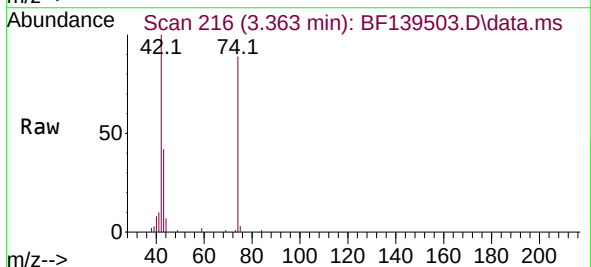
Delta R.T. -0.006 min

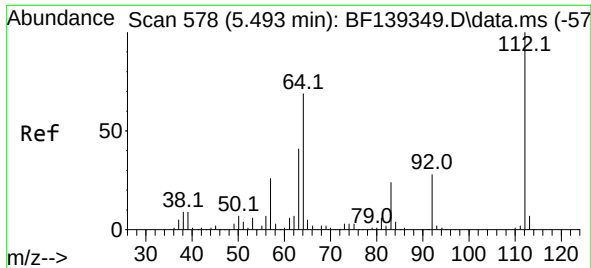
Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion: 42 Resp: 73280

Ion	Ratio	Lower	Upper
42	100		
74	89.0	61.8	92.8
44	6.6	4.8	7.2





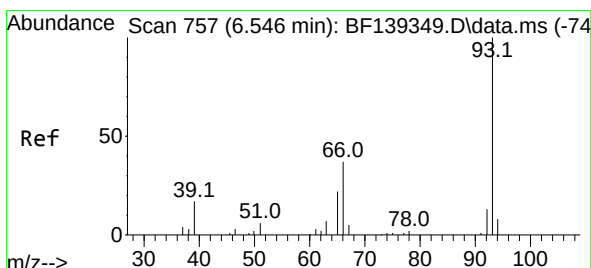
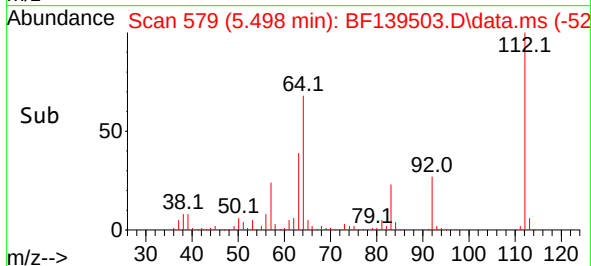
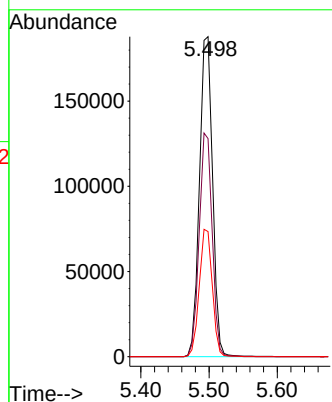
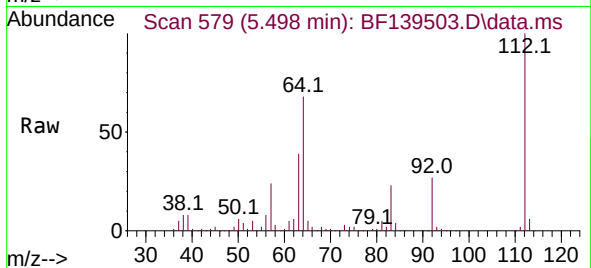
#5
2-Fluorophenol
Concen: 48.434 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:112 Resp: 25132
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 39.1 33.0 49.4

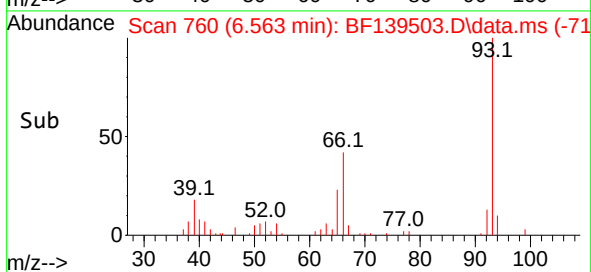
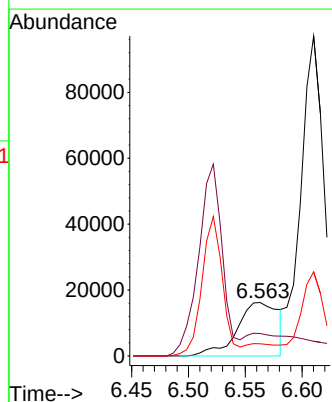
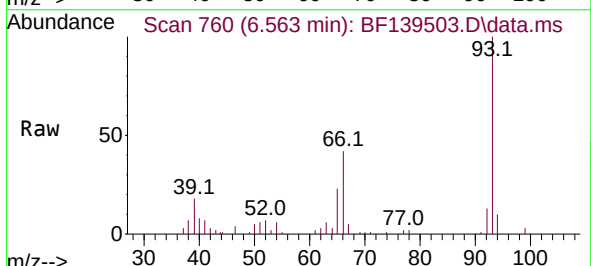
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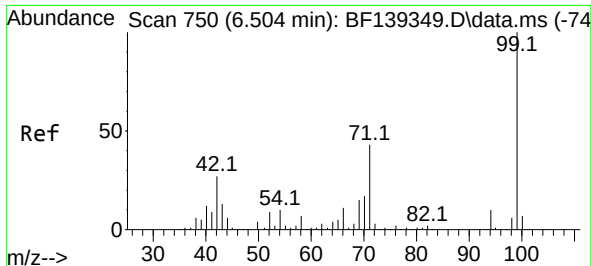
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 7.978 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

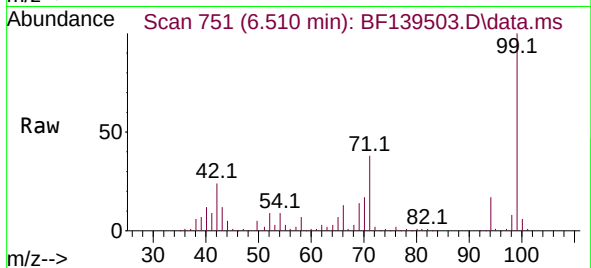
Tgt Ion: 93 Resp: 41007
Ion Ratio Lower Upper
93 100
66 42.0 35.4 53.0
65 22.8 18.2 27.4





#7
Phenol-d6
Concen: 49.296 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

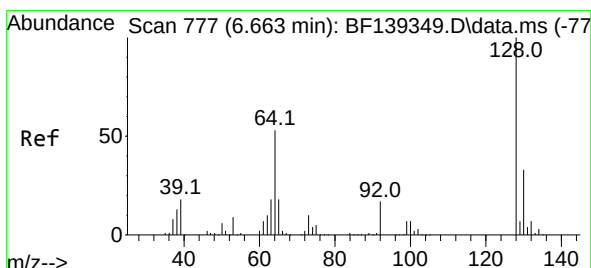
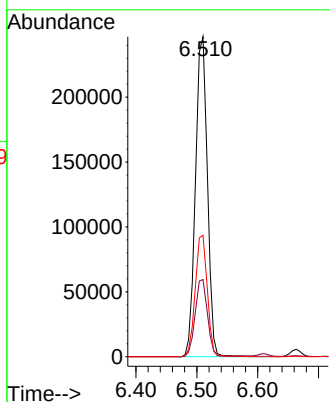
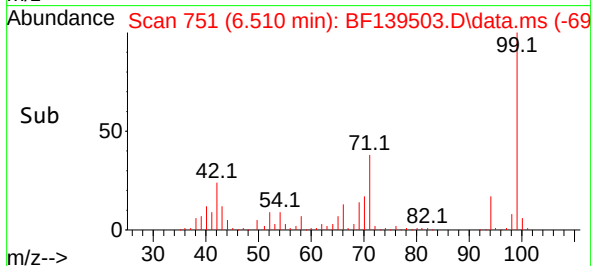
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion: 99 Resp: 335758
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.0 34.6 52.0

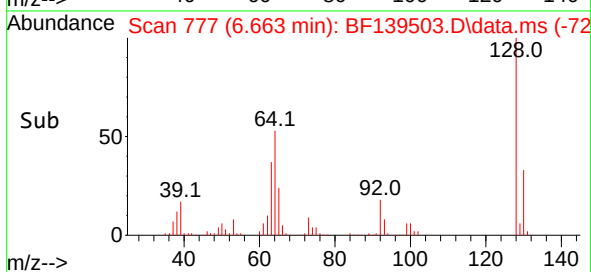
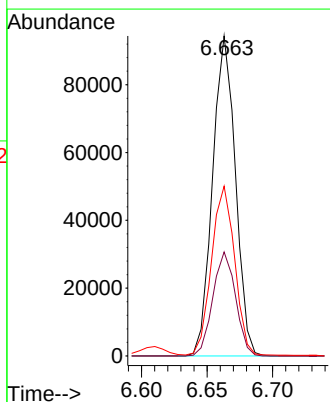
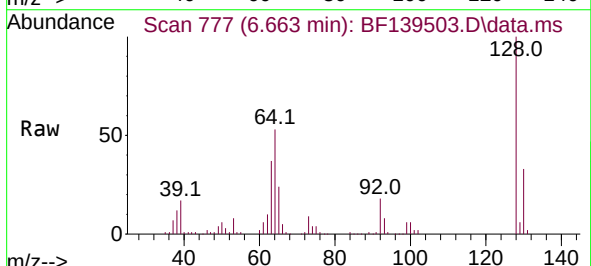
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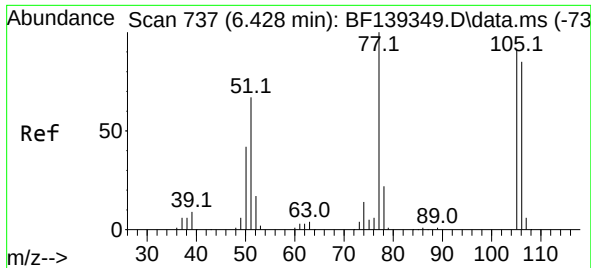
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 21.331 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:128 Resp: 113941
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 53.1 35.1 75.1





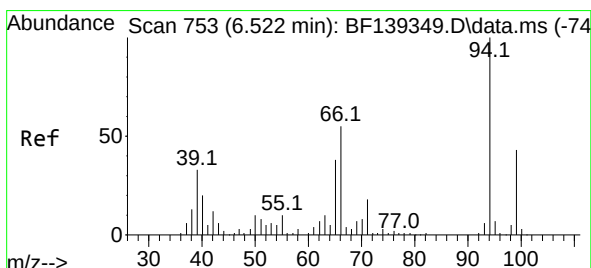
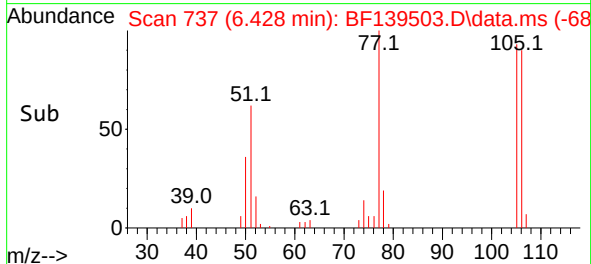
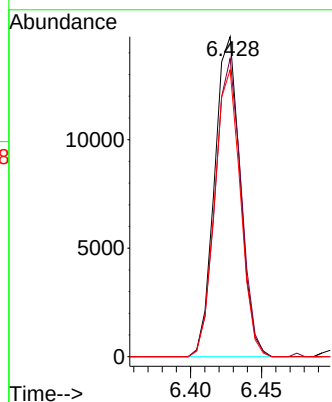
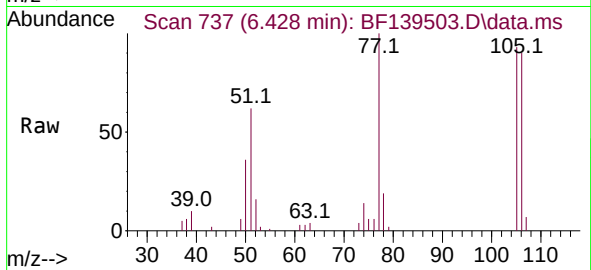
#9
Benzaldehyde
Concen: 4.699 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion: 77 Resp: 1849
Ion Ratio Lower Upper
77 100
105 93.2 71.0 111.0
106 89.6 64.9 104.9

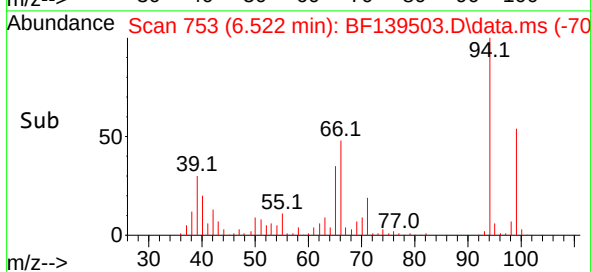
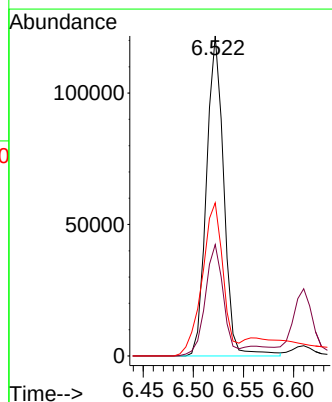
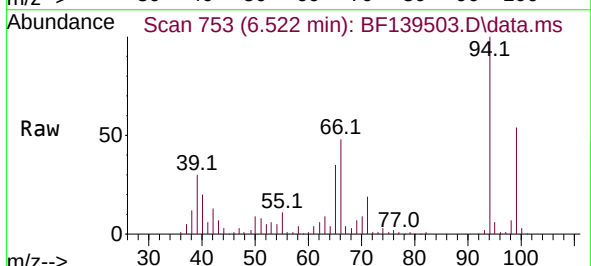
Manual Integrations
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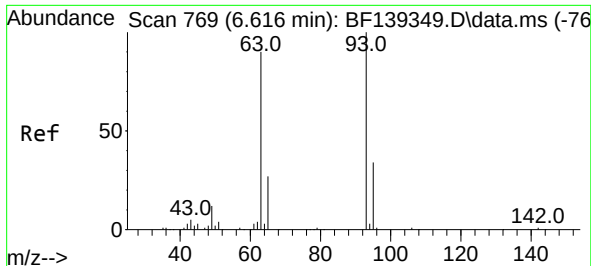
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 21.154 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion: 94 Resp: 146743
Ion Ratio Lower Upper
94 100
65 34.8 17.6 57.6
66 47.8 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 23.262 ng

RT: 6.610 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

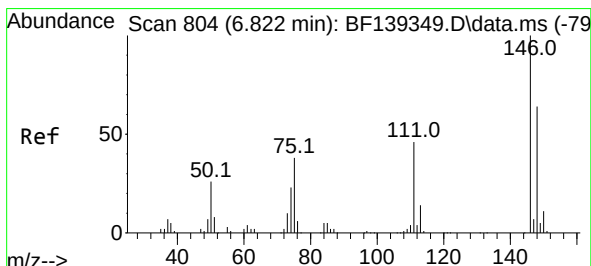
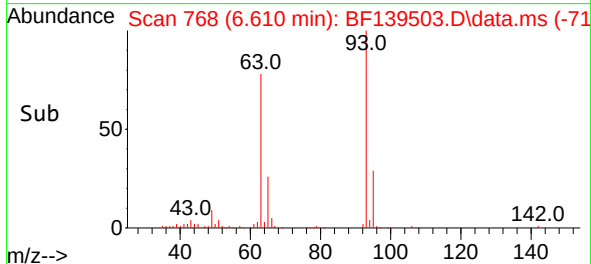
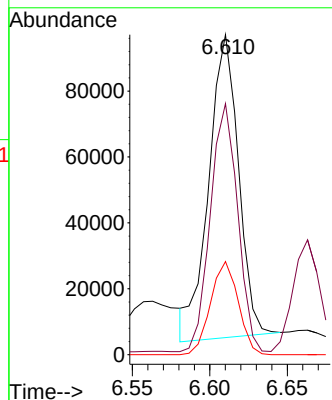
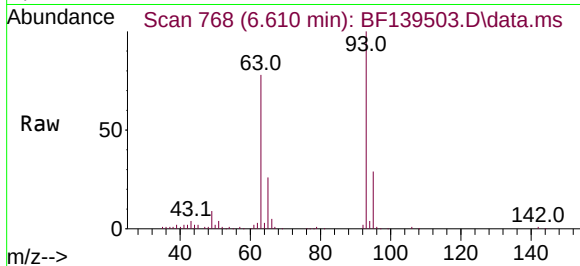
NB-08-09192024MSD

Tgt Ion:	93	Resp:	12264
Ion Ratio	Lower	Upper	
93	100		
63	78.4	65.3	105.3
95	29.1	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#12

1,3-Dichlorobenzene

Concen: 19.612 ng

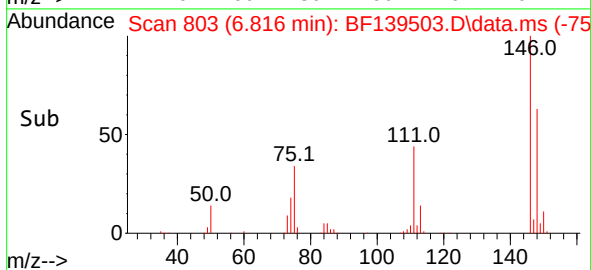
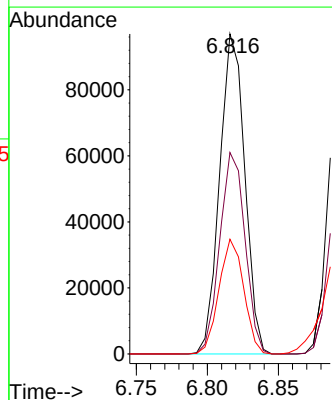
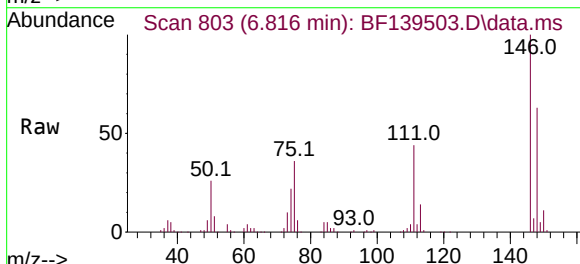
RT: 6.816 min Scan# 803

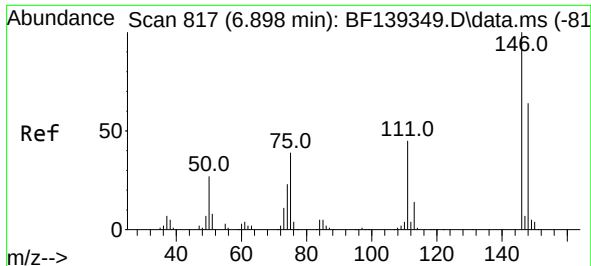
Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:	146	Resp:	119137
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.2	76.8
75	35.9	30.6	46.0





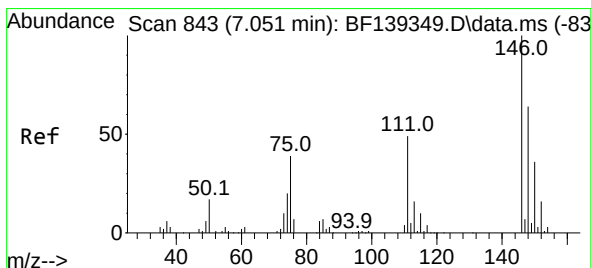
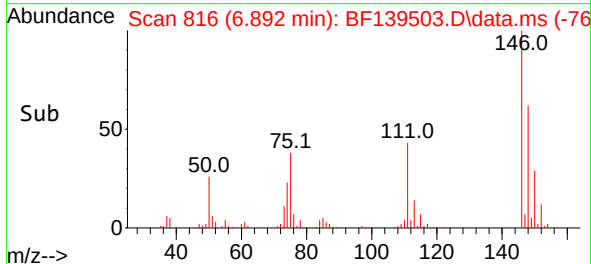
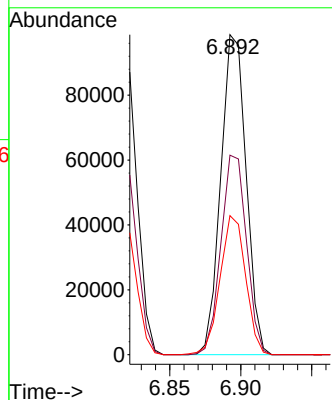
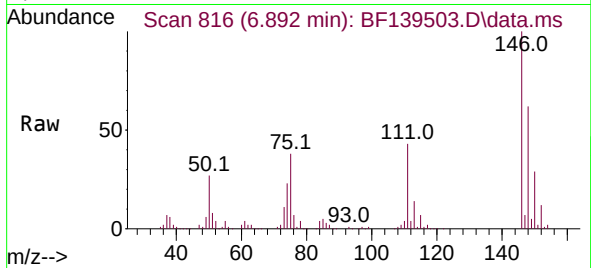
#13
1,4-Dichlorobenzene
Concen: 19.968 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:146 Resp: 122578
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
111 43.5 36.3 54.5

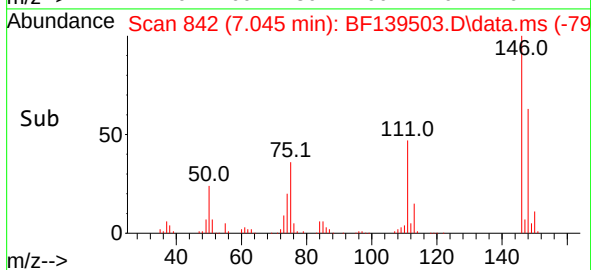
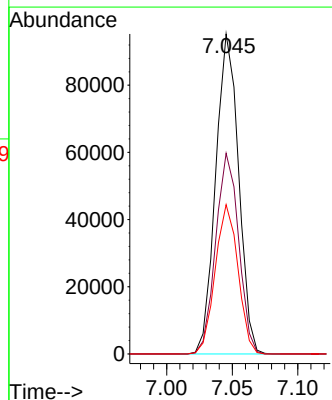
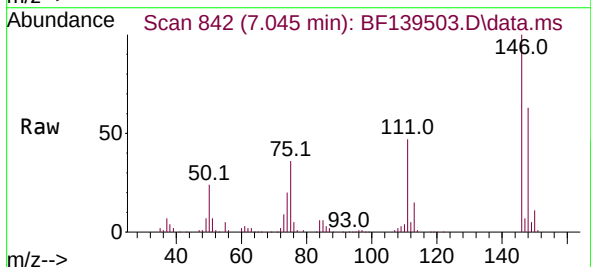
Manual Integrations
APPROVED

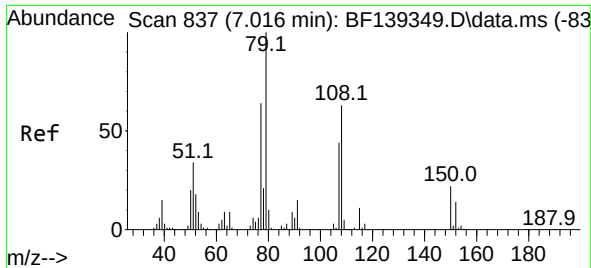
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 19.933 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

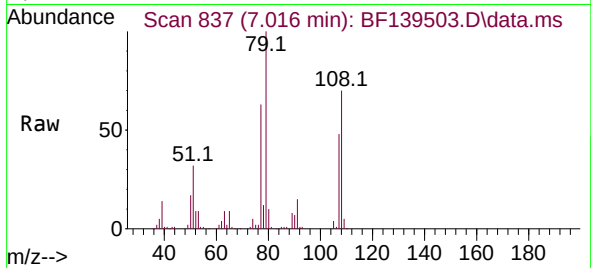
Tgt Ion:146 Resp: 115624
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 46.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 15.210 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

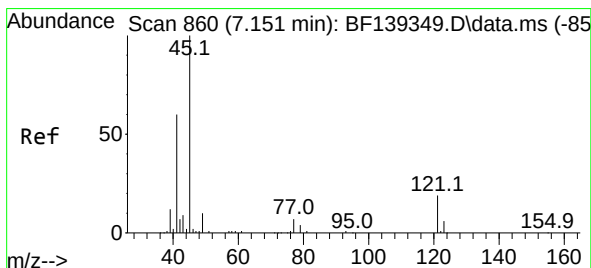
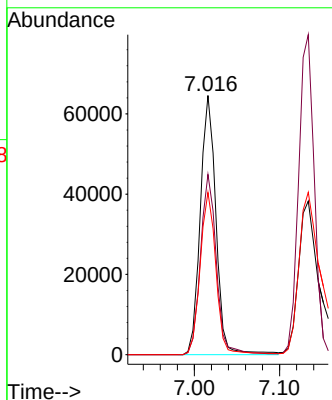
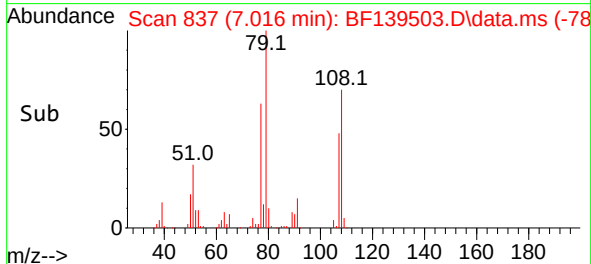
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



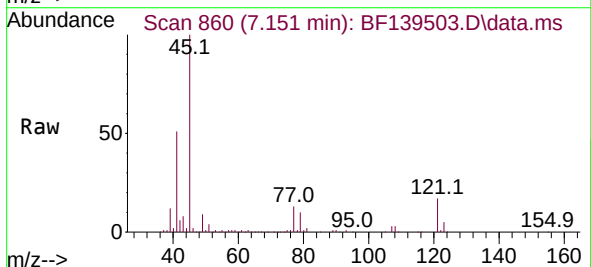
Tgt Ion: 79 Resp: 82650
Ion Ratio Lower Upper
79 100
108 69.6 50.4 75.6
77 62.6 51.4 77.2

Manual Integrations
APPROVED

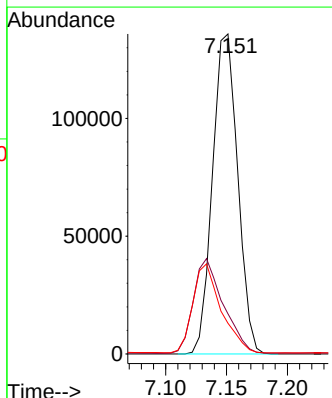
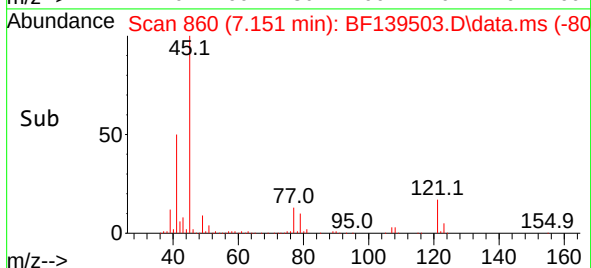
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

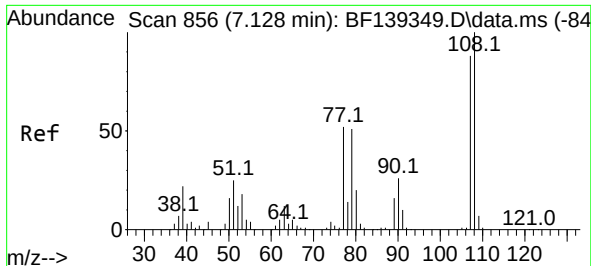


#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.084 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



Tgt Ion: 45 Resp: 195693
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.0
79 9.6 0.0 29.1





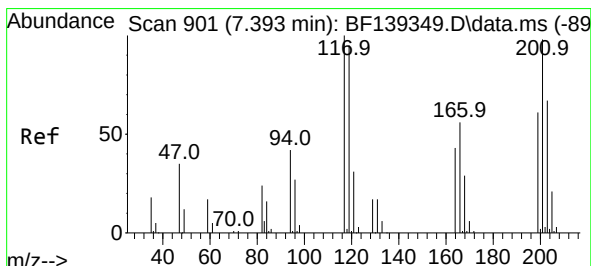
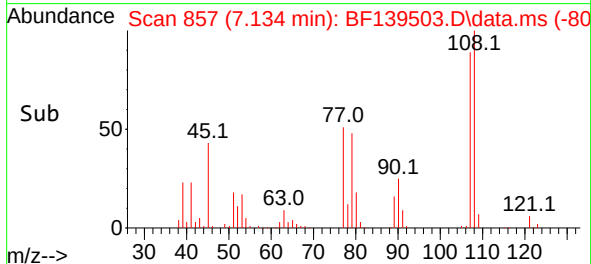
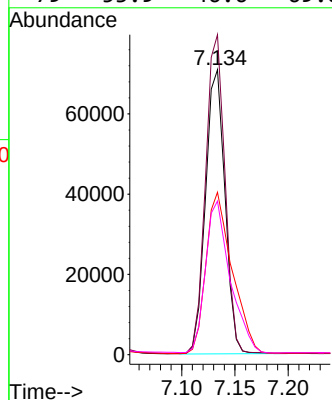
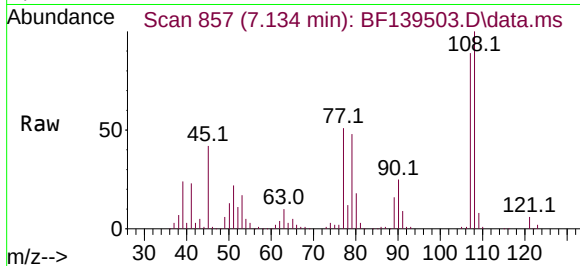
#17
2-Methylphenol
Concen: 21.232 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:	107	Resp:	9010
Ion Ratio	Lower	Upper	
107	100		
108	112.3	90.5	135.7
77	57.0	47.1	70.7
79	53.9	46.6	69.8

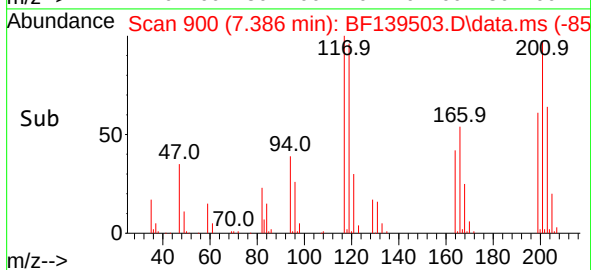
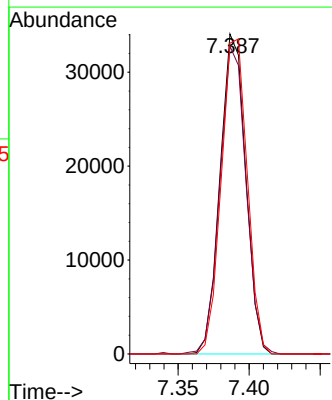
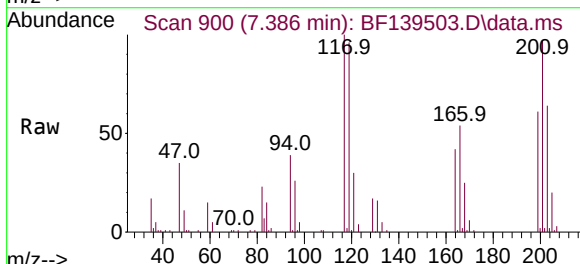
Manual Integrations
APPROVED

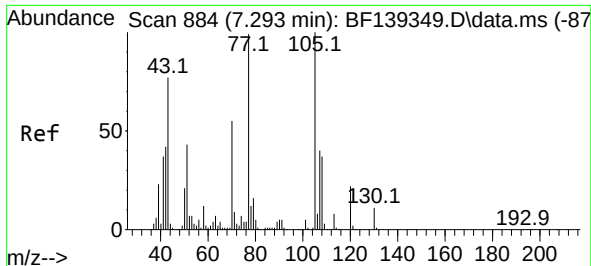
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 18.287 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

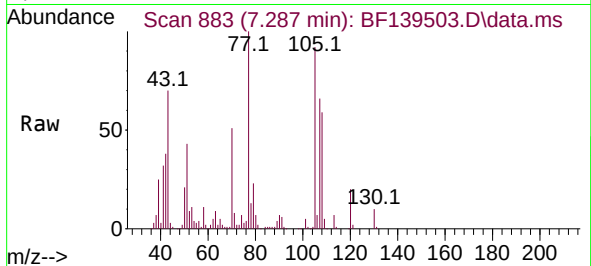
Tgt Ion:	117	Resp:	42758
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.8	113.8
201	97.1	78.6	118.0





#19
n-Nitroso-di-n-propylamine
Concen: 21.024 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

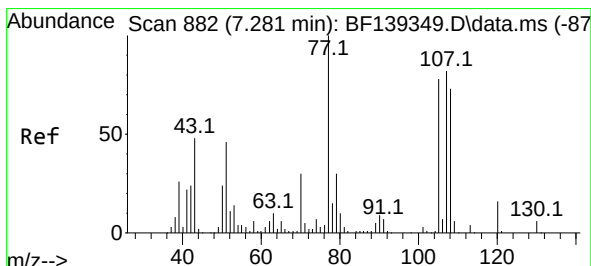
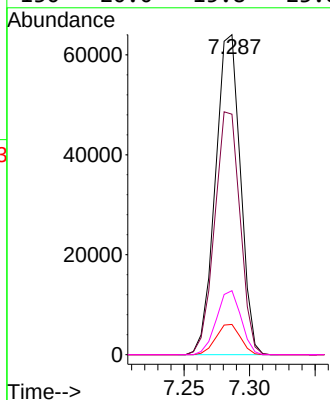
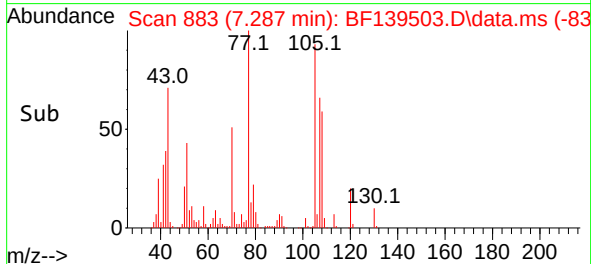
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion: 70 Resp: 8485
Ion Ratio Lower Upper
70 100
42 75.1 61.2 91.8
101 9.5 7.5 11.3
130 20.0 15.8 23.8

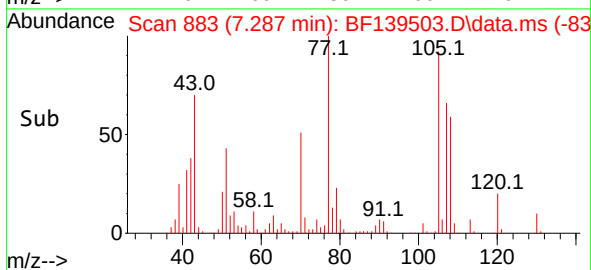
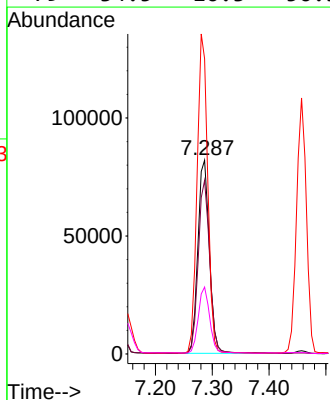
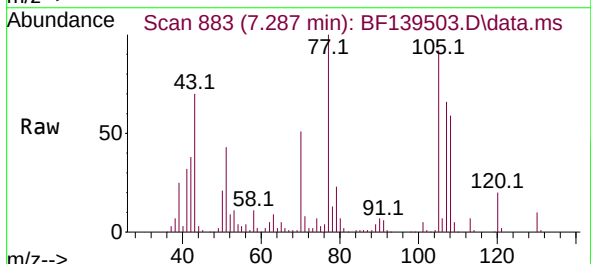
Manual Integrations
APPROVED

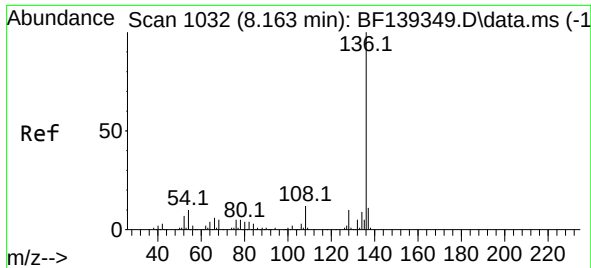
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 20.002 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

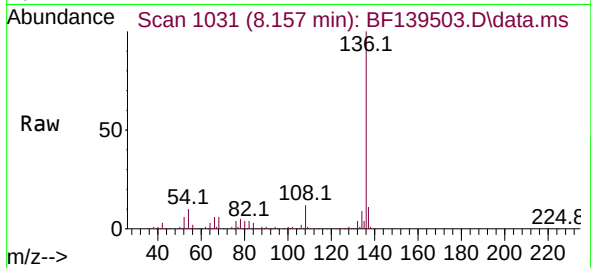
Tgt Ion:107 Resp: 115812
Ion Ratio Lower Upper
107 100
108 89.5 68.6 108.6
77 152.3 101.6 141.6#
79 34.5 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

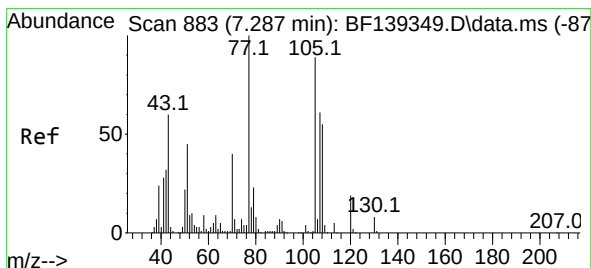
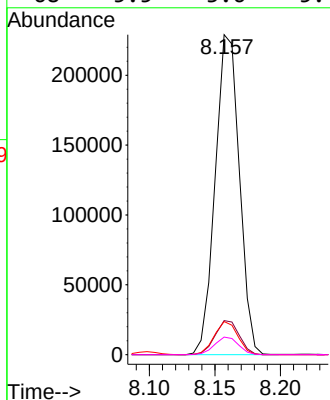
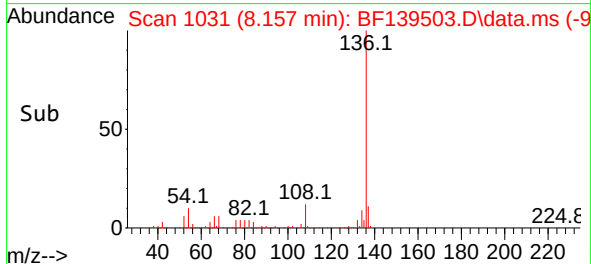
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



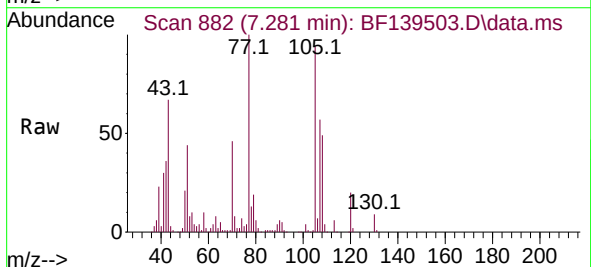
Tgt Ion:136 Resp: 293530
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.3 7.8 11.8
68 5.5 3.6 5.4#

Manual Integrations
APPROVED

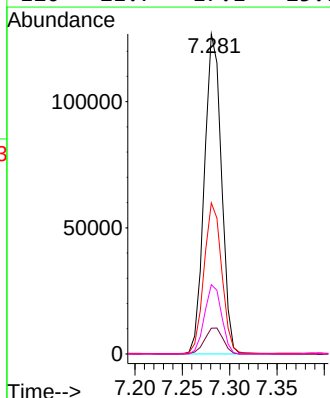
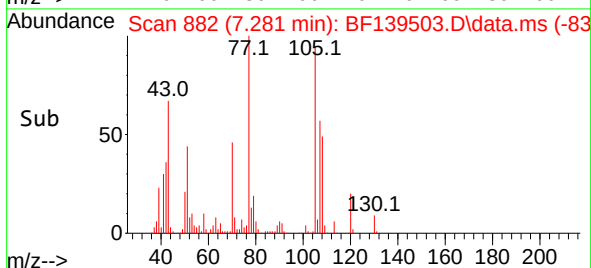
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

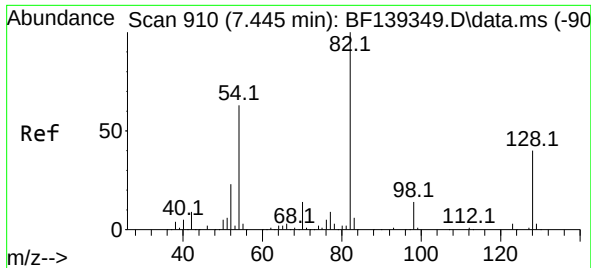


#22
Acetophenone
Concen: 20.753 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



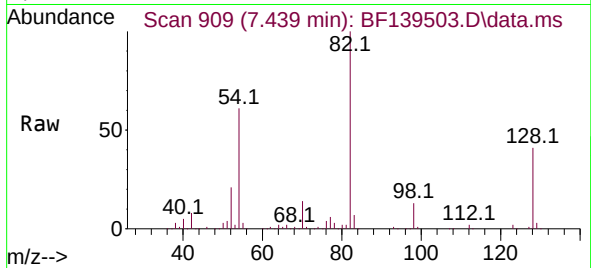
Tgt Ion:105 Resp: 159258
Ion Ratio Lower Upper
105 100
71 8.1 5.9 8.9
51 47.2 40.0 60.0
120 21.7 17.1 25.7





#23
Nitrobenzene-d5
Concen: 34.916 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

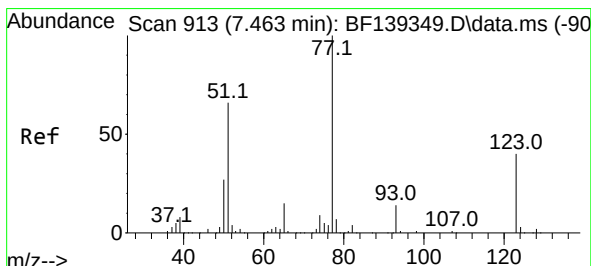
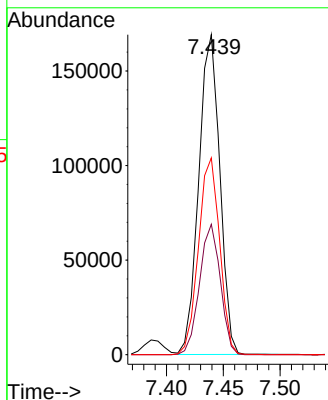
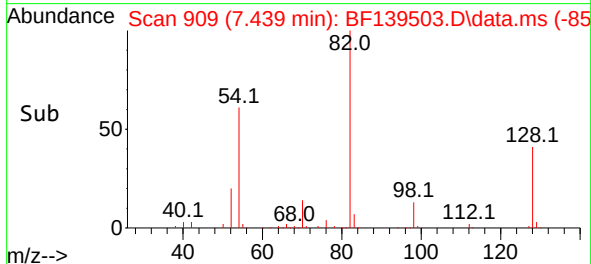
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



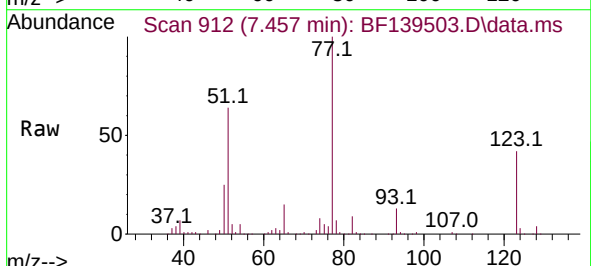
Tgt Ion: 82 Resp: 218014
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 61.5 50.6 75.8

Manual Integrations
APPROVED

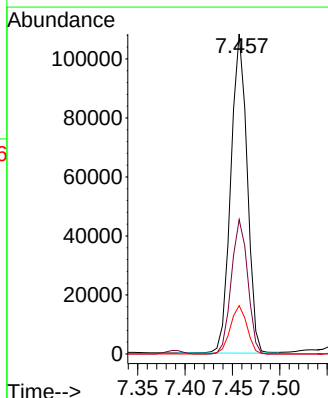
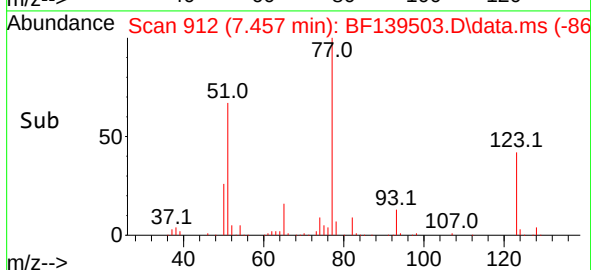
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

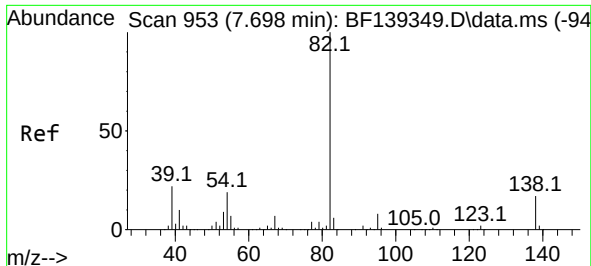


#24
Nitrobenzene
Concen: 20.198 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



Tgt Ion: 77 Resp: 129796
Ion Ratio Lower Upper
77 100
123 42.0 32.2 48.4
65 15.1 12.2 18.4





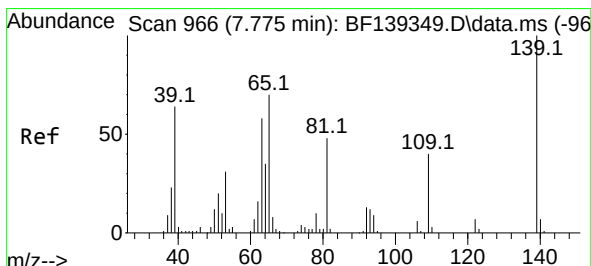
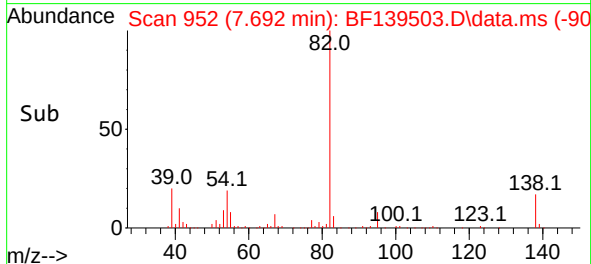
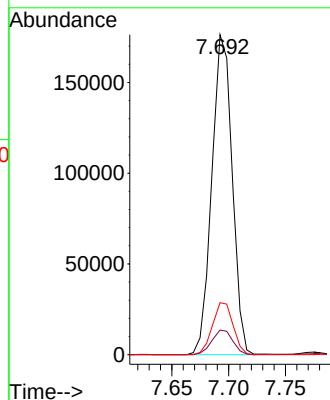
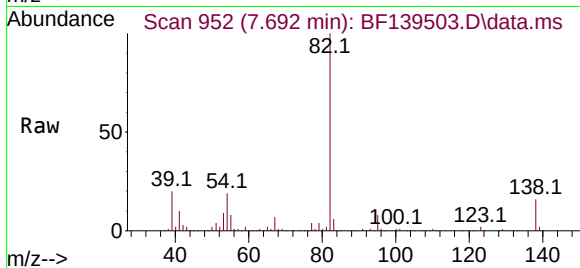
#25
Isophorone
Concen: 22.268 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion: 82 Resp: 21989
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 16.2 13.3 19.9

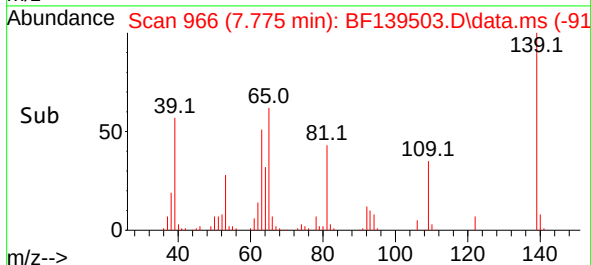
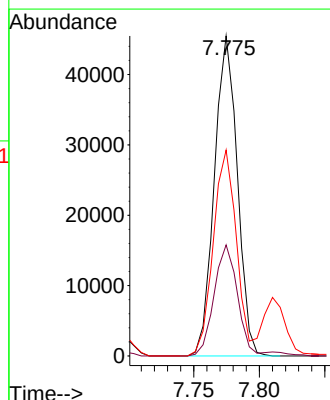
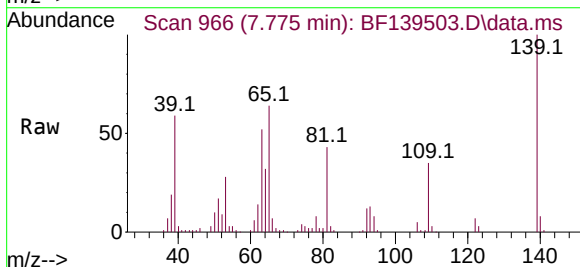
Manual Integrations
APPROVED

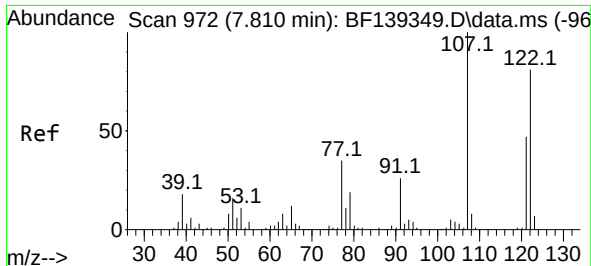
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 22.094 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:139 Resp: 55315
Ion Ratio Lower Upper
139 100
109 34.7 32.2 48.2
65 64.4 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 26.339 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

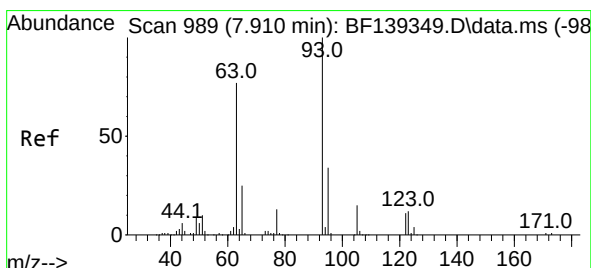
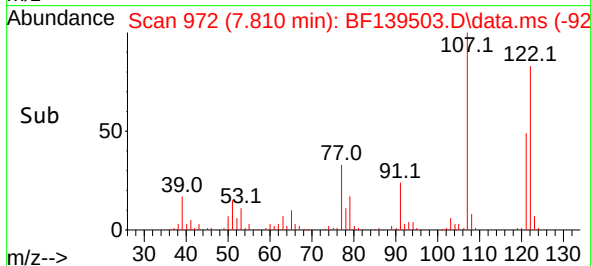
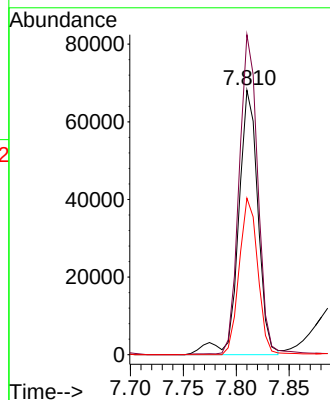
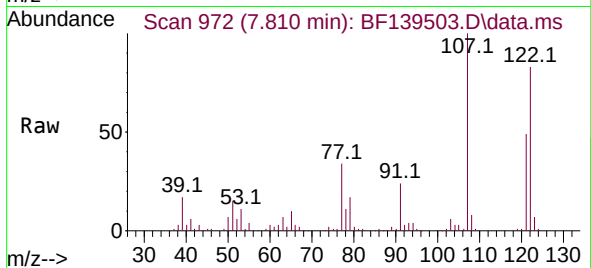
NB-08-09192024MSD

Tgt Ion:	122	Resp:	86980
Ion Ratio	Lower	Upper	
122	100		
107	121.0	99.1	148.7
121	59.2	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 23.009 ng

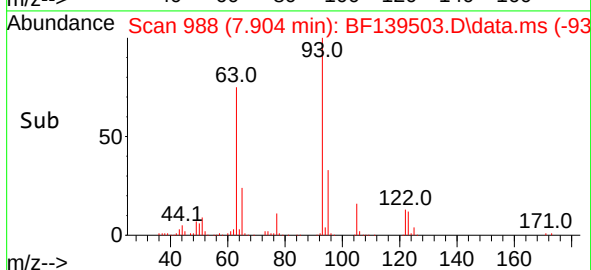
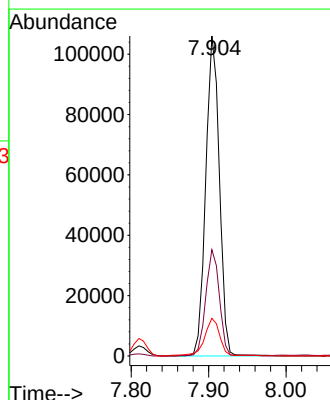
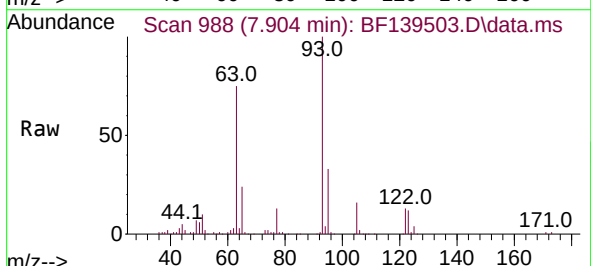
RT: 7.904 min Scan# 988

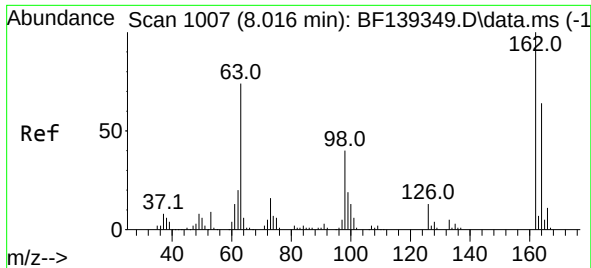
Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:	93	Resp:	129493
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.9	40.3
123	11.8	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 20.757 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

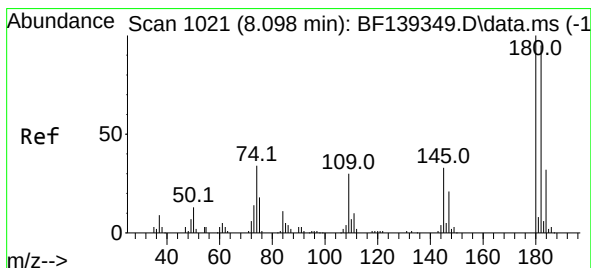
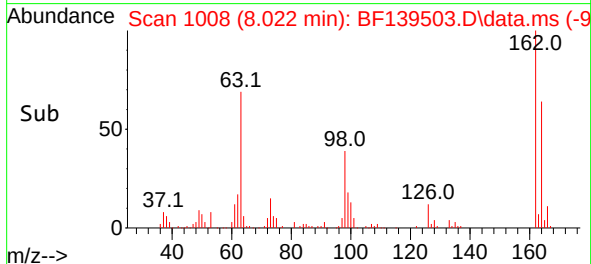
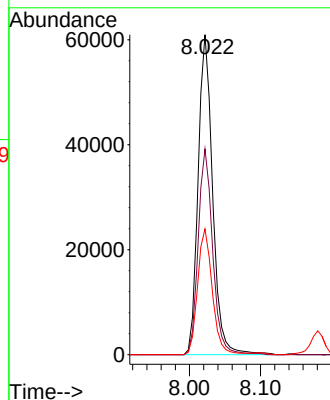
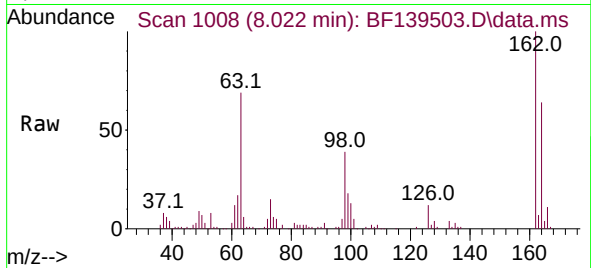
NB-08-09192024MSD

Tgt Ion:	162	Resp:	87088
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.6	83.6
98	39.3	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 19.671 ng

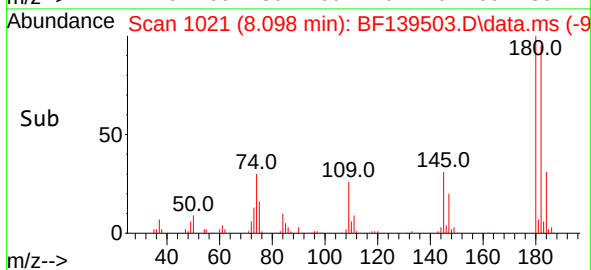
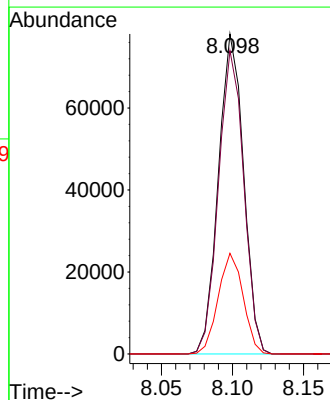
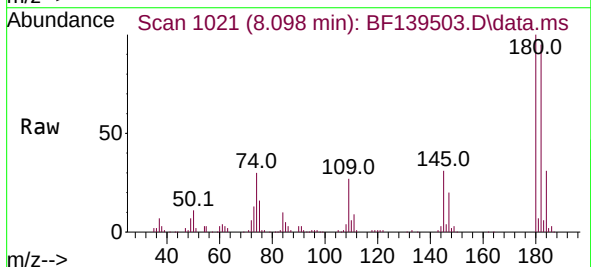
RT: 8.098 min Scan# 1021

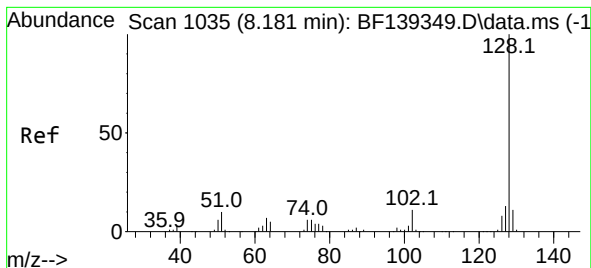
Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:	180	Resp:	96161
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.7	113.5
145	31.5	26.5	39.7





#31

Naphthalene

Concen: 21.081 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

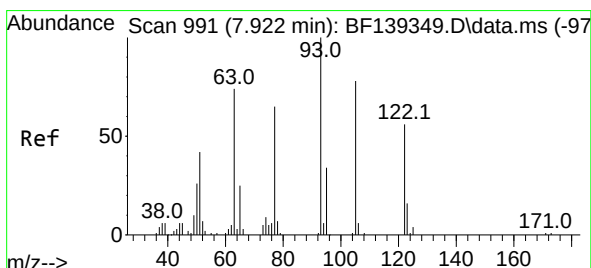
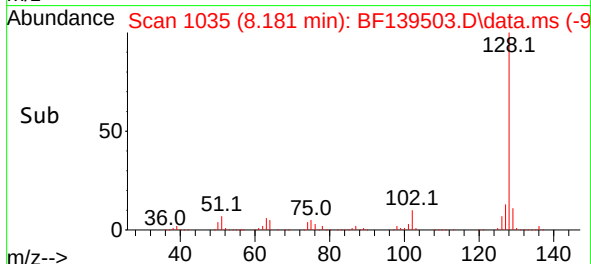
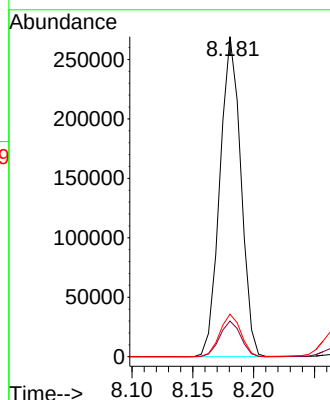
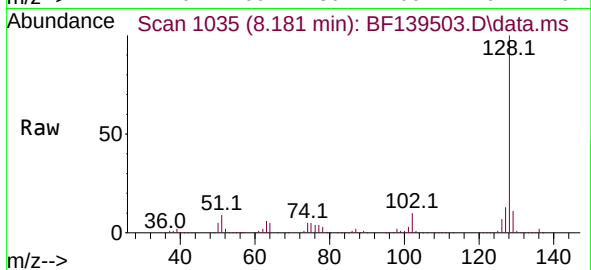
ClientSampleId :

NB-08-09192024MSD

Tgt Ion:128 Resp: 32305
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 13.0
 127 13.3 10.6 16.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 11.727 ng

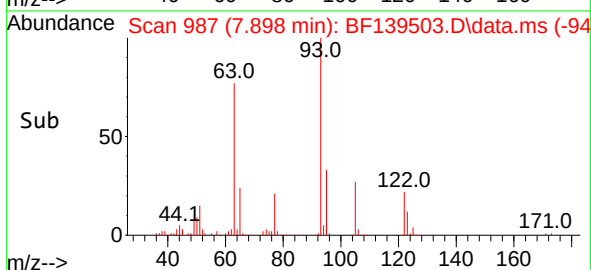
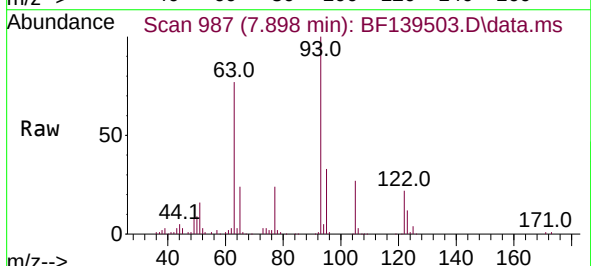
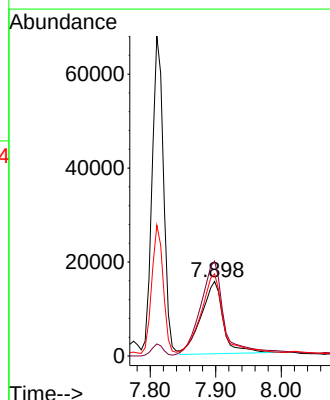
RT: 7.898 min Scan# 987

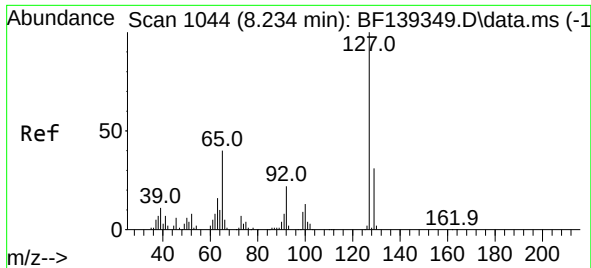
Delta R.T. -0.024 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:122 Resp: 36245
 Ion Ratio Lower Upper
 122 100
 105 127.3 117.1 157.1
 77 110.1 95.4 135.4





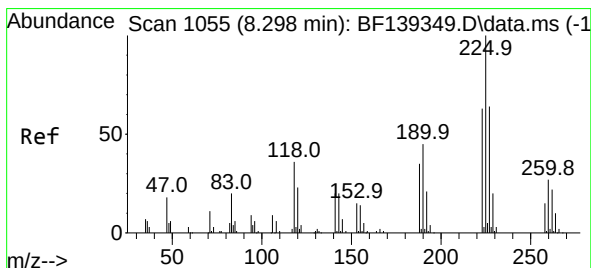
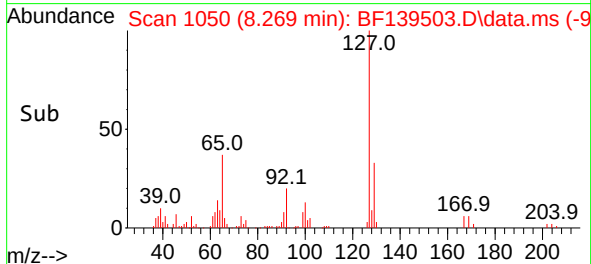
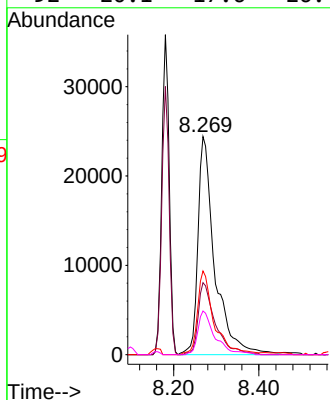
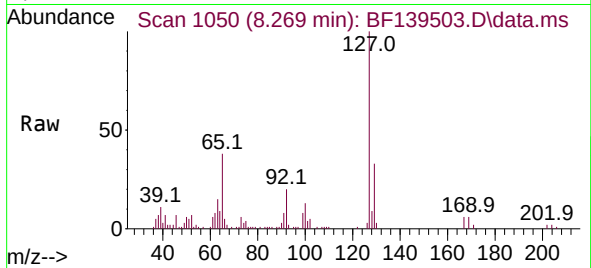
#33
4-Chloroaniline
Concen: 14.304 ng
RT: 8.269 min Scan# 1044
Delta R.T. 0.035 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:	127	Resp:	67060
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.5	38.3
65	38.4	31.5	47.3
92	20.1	17.6	26.4

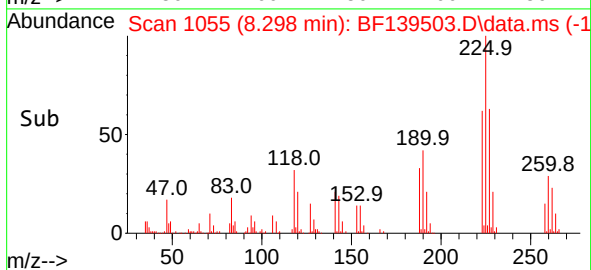
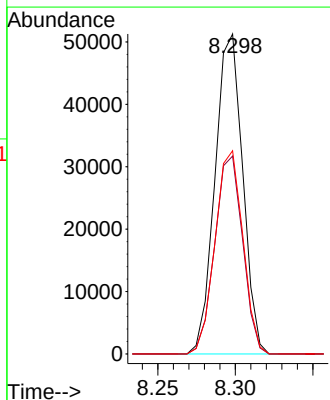
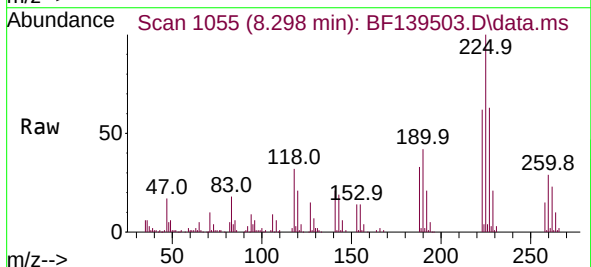
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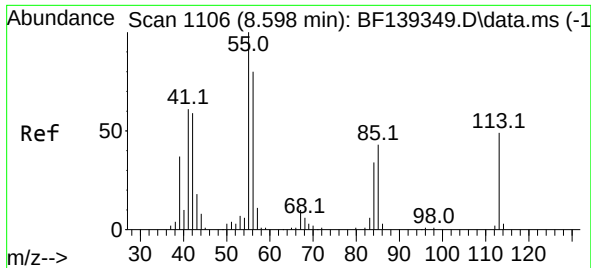
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 19.171 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:	225	Resp:	63670
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.1	75.1
227	63.5	51.0	76.6





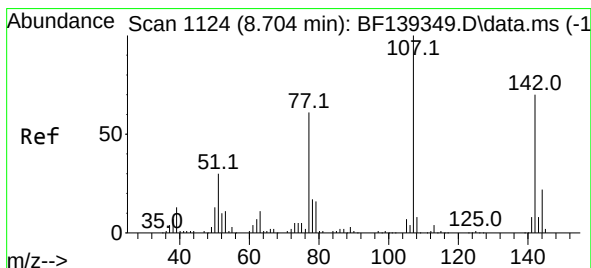
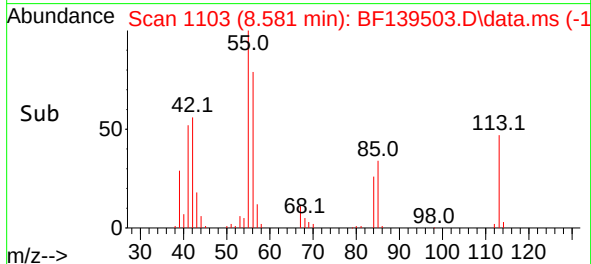
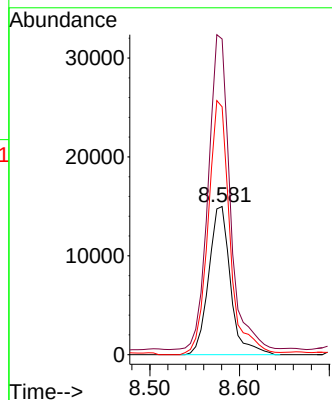
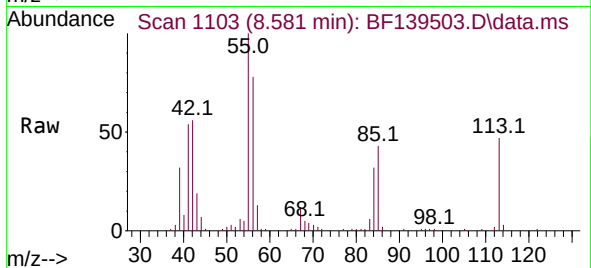
#35
Caprolactam
Concen: 19.608 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.018 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:113 Resp: 25300
Ion Ratio Lower Upper
113 100
55 213.1 186.1 226.1
56 167.2 144.9 184.9

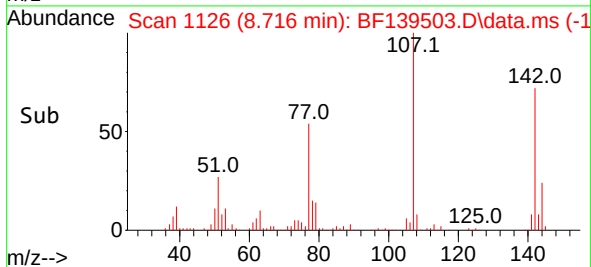
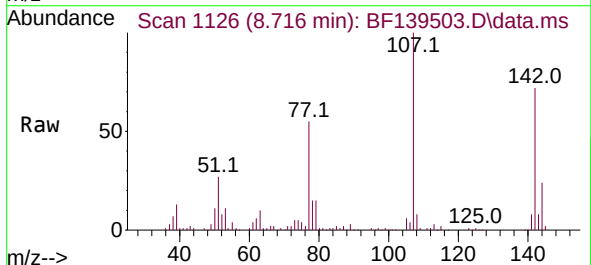
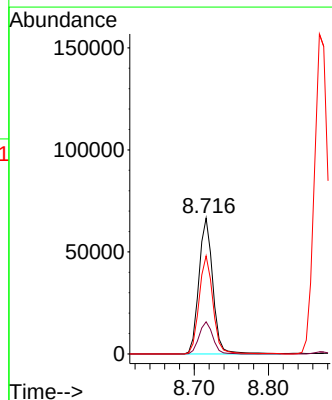
Manual Integrations
APPROVED

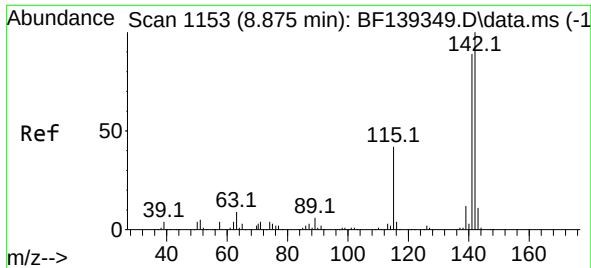
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 18.211 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:107 Resp: 87321
Ion Ratio Lower Upper
107 100
144 23.7 17.5 26.3
142 72.2 55.8 83.8





#37

2-Methylnaphthalene

Concen: 20.444 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

Tgt Ion:142 Resp: 19885

Ion Ratio Lower Upper

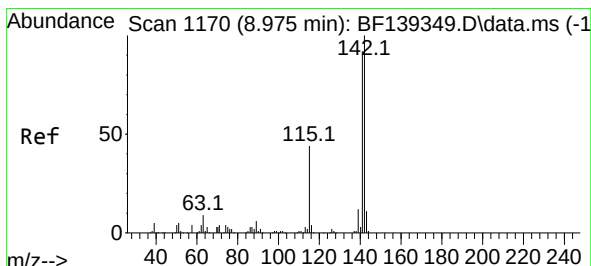
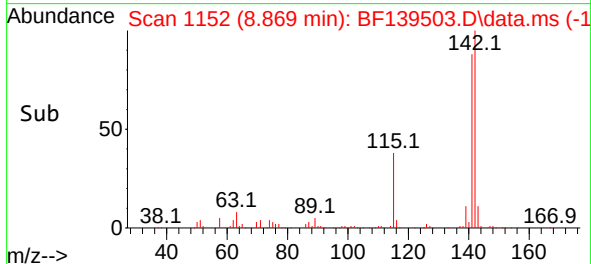
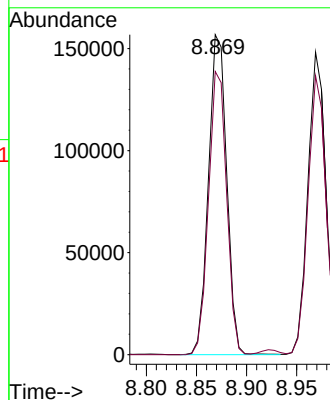
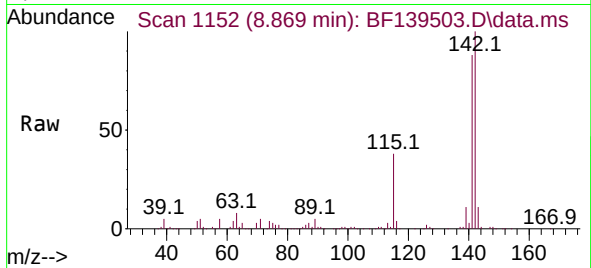
142 100

141 88.5 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 18.979 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139503.D

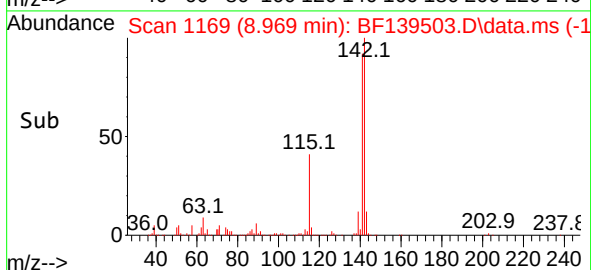
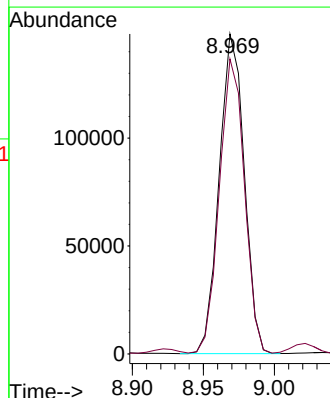
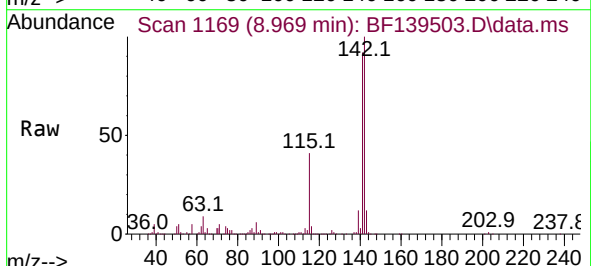
Acq: 20 Sep 2024 15:55

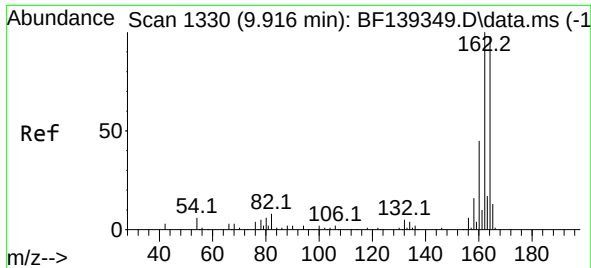
Tgt Ion:142 Resp: 181236

Ion Ratio Lower Upper

142 100

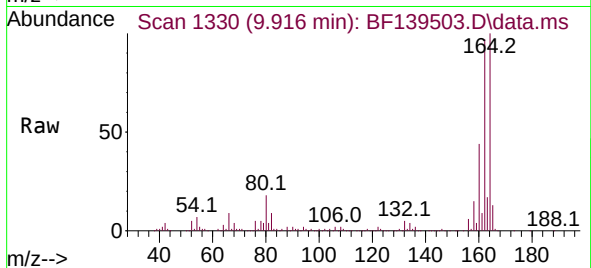
141 92.2 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

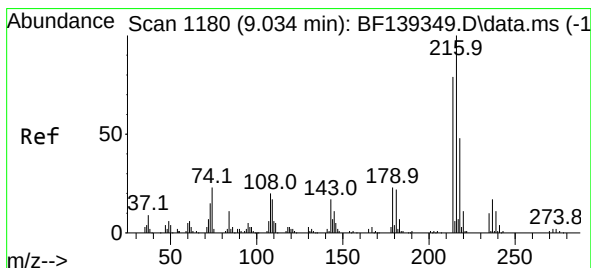
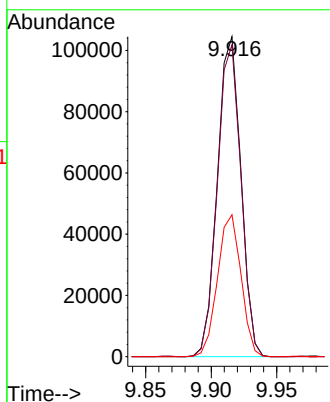
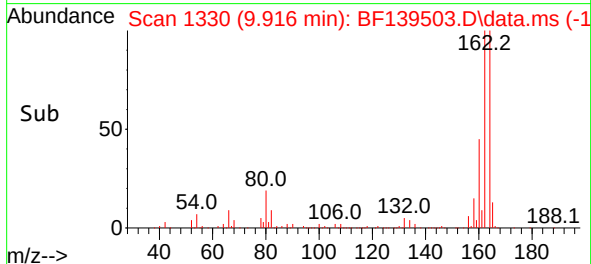
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:164 Resp: 130592
Ion Ratio Lower Upper
164 100
162 97.5 81.3 121.9
160 44.3 36.4 54.6

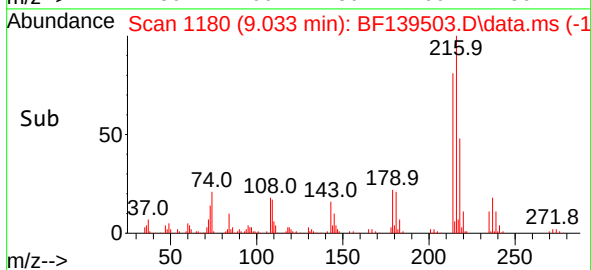
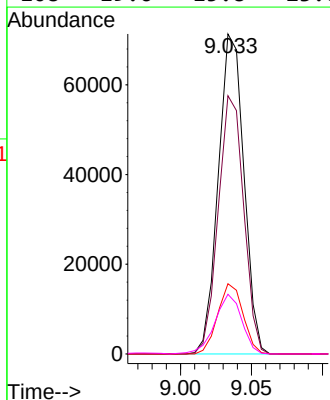
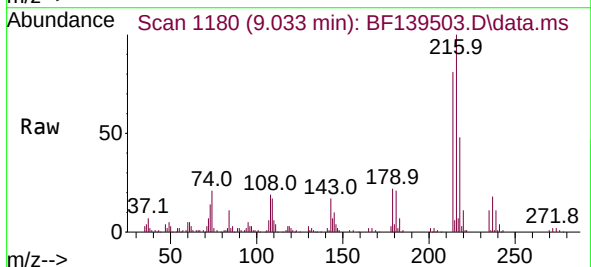
Manual Integrations
APPROVED

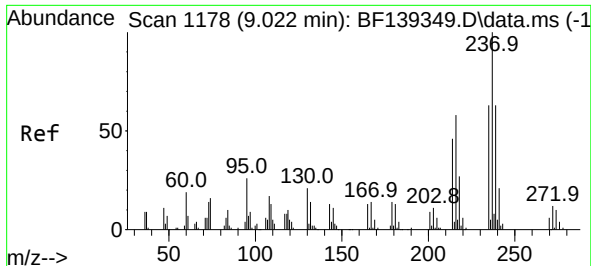
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.081 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

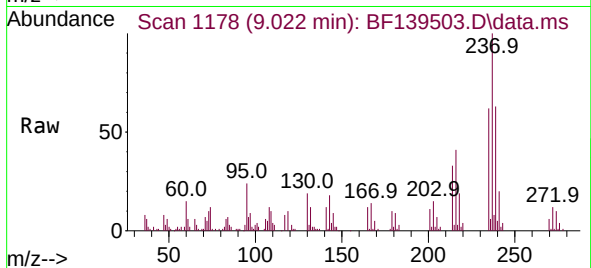
Tgt Ion:216 Resp: 89330
Ion Ratio Lower Upper
216 100
214 80.2 63.4 95.0
179 21.7 18.2 27.2
108 19.6 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 34.857 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

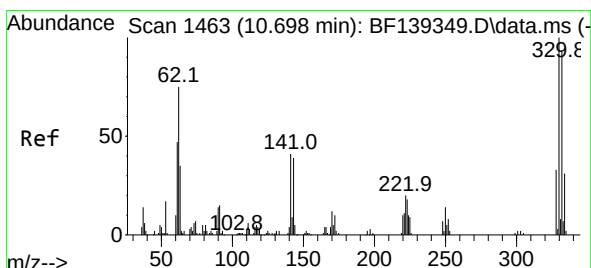
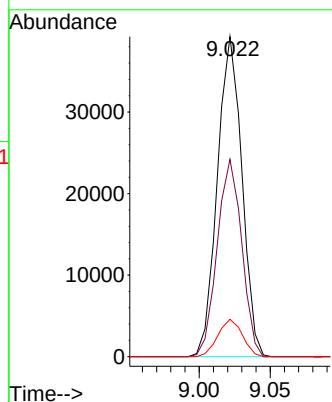
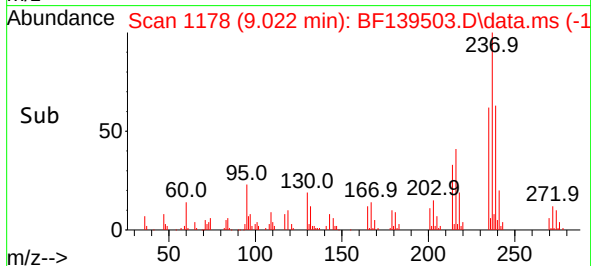
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



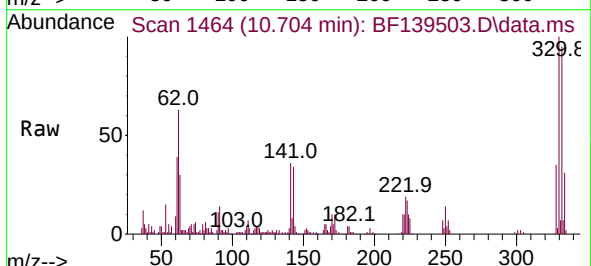
Tgt Ion:237 Resp: 4710
Ion Ratio Lower Upper
237 100
235 61.7 42.7 82.7
272 11.7 0.0 32.5

Manual Integrations
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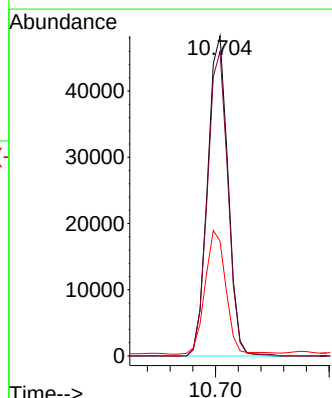
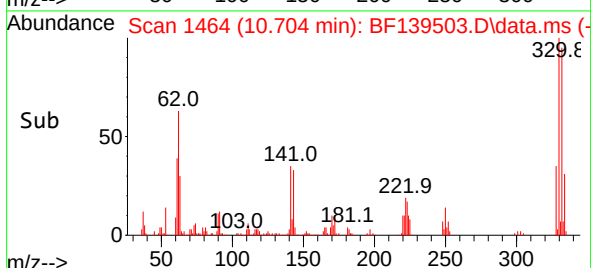
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

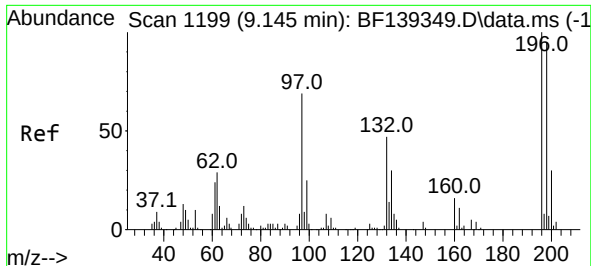


#42
2,4,6-Tribromophenol
Concen: 43.149 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



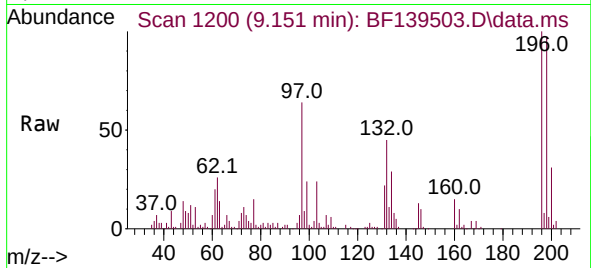
Tgt Ion:330 Resp: 59991
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 39.6 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 22.084 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

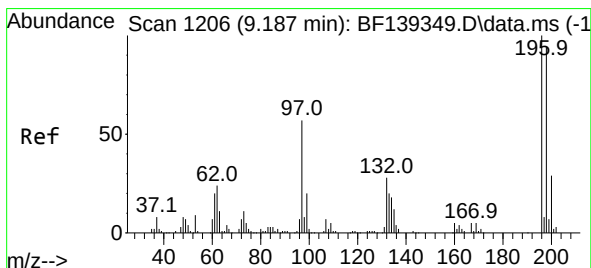
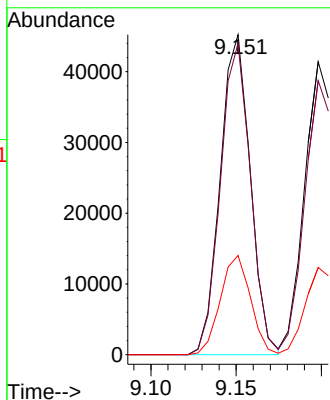
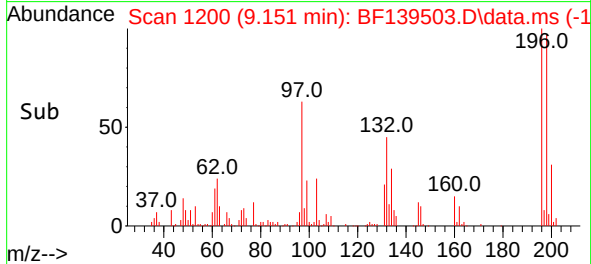
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



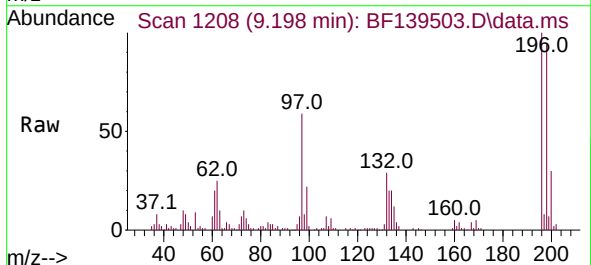
Tgt Ion:196 Resp: 55609
Ion Ratio Lower Upper
196 100
198 97.2 75.8 113.6
200 31.0 24.1 36.1

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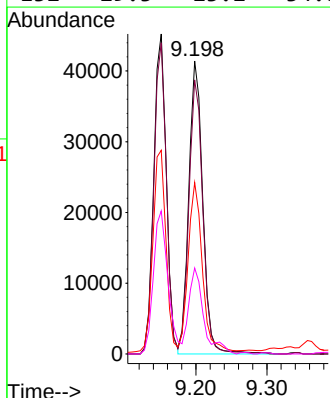
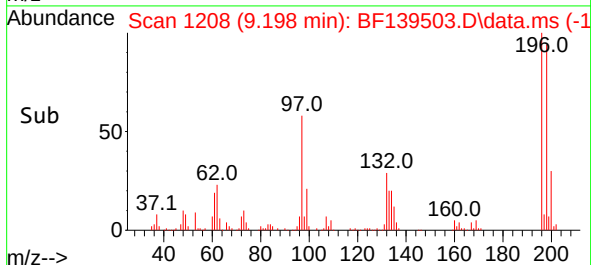
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

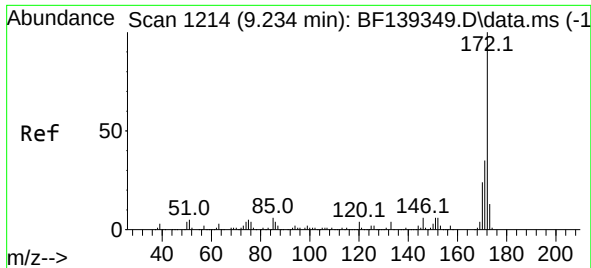


#44
2,4,5-Trichlorophenol
Concen: 21.437 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



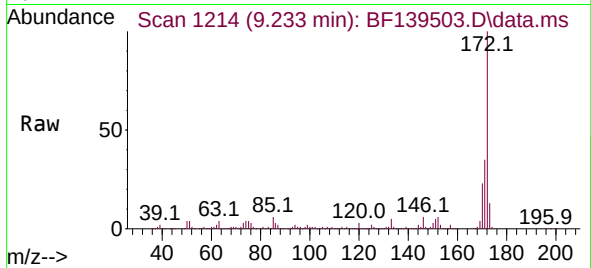
Tgt Ion:196 Resp: 56939
Ion Ratio Lower Upper
196 100
198 93.5 74.8 112.2
97 58.5 47.3 70.9
132 29.3 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 38.486 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

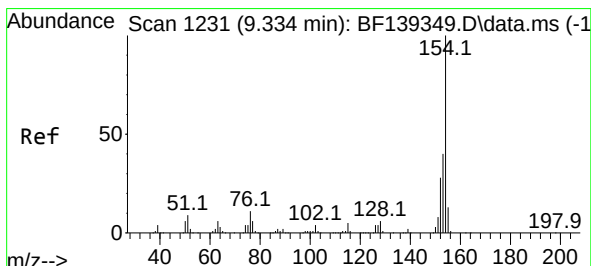
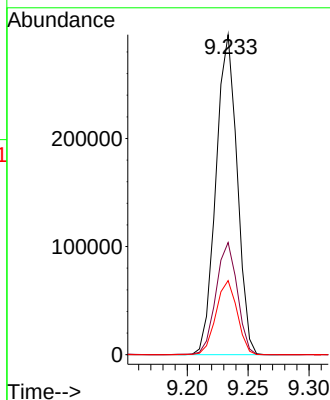
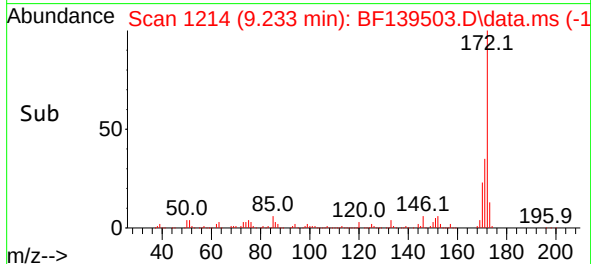
Instrument : BNA_F
ClientSampleId : NB-08-09192024MSD



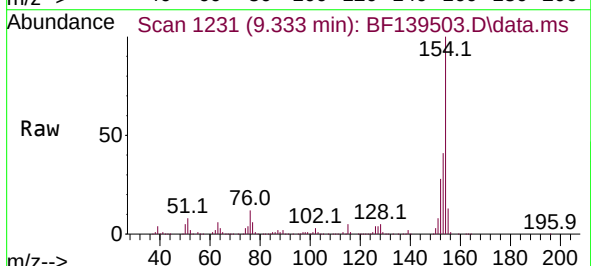
Tgt Ion:172 Resp: 358352
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 19.0 28.6

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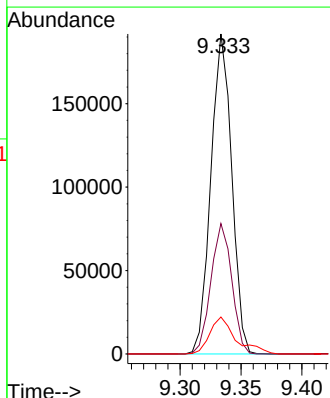
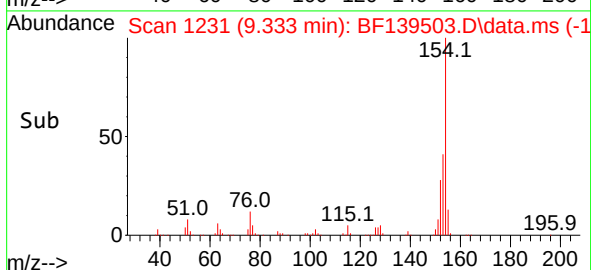
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

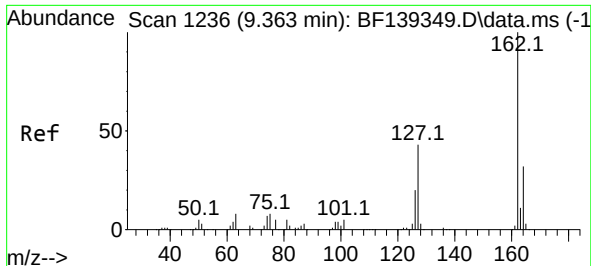


#46
1,1'-Biphenyl
Concen: 22.771 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



Tgt Ion:154 Resp: 228780
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 22.231 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

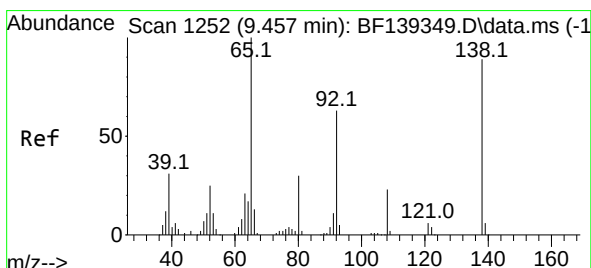
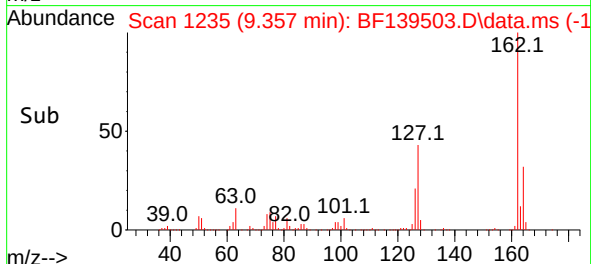
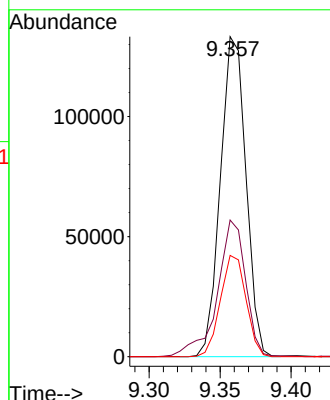
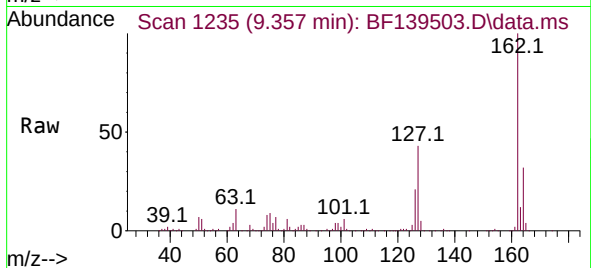
Tgt Ion:162 Resp: 167000

Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	31.6	25.8	38.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 22.354 ng

RT: 9.457 min Scan# 1252

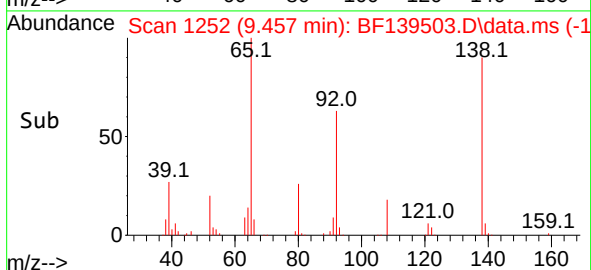
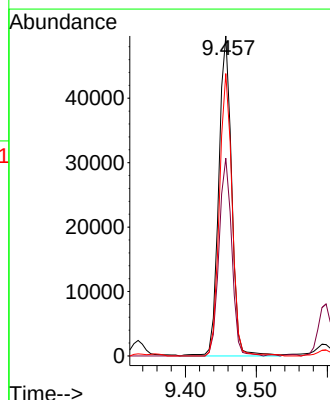
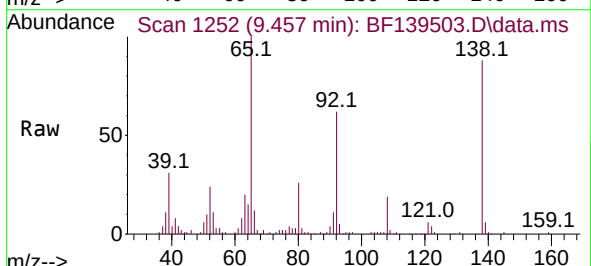
Delta R.T. -0.000 min

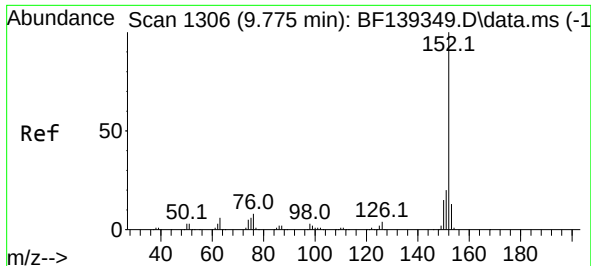
Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion: 65 Resp: 62458

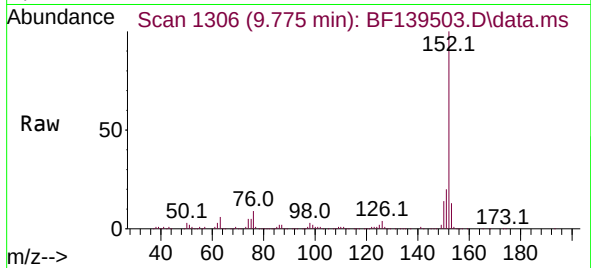
Ion	Ratio	Lower	Upper
65	100		
92	61.8	50.3	75.5
138	88.3	71.3	106.9





#49
Acenaphthylene
Concen: 23.097 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

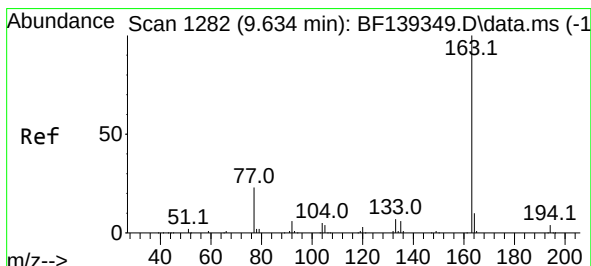
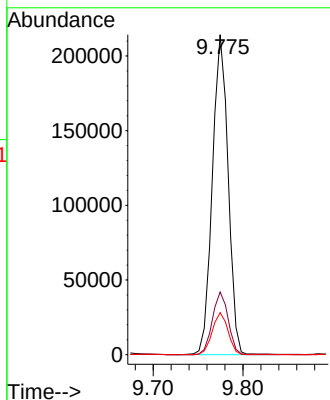
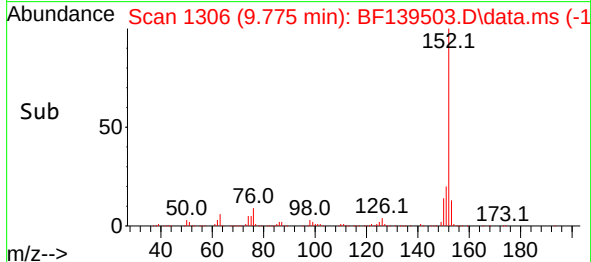
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



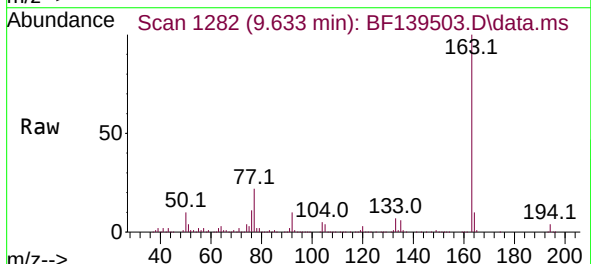
Tgt Ion:152 Resp: 261174
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.1 10.3 15.5

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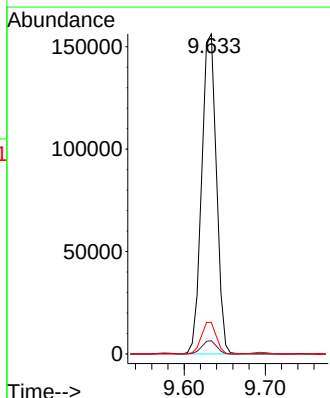
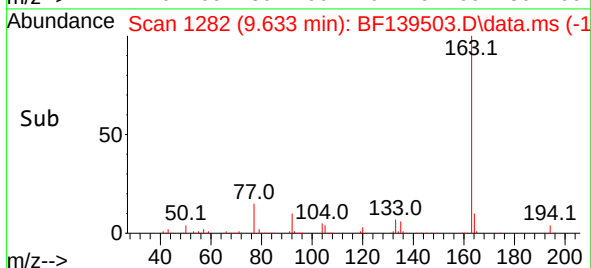
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

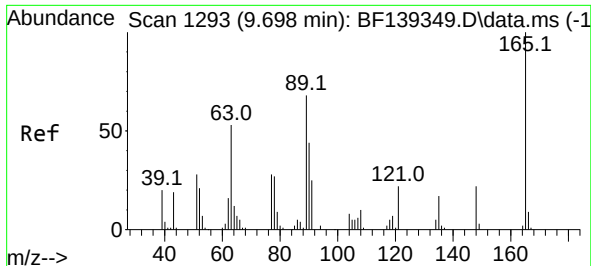


#50
Dimethylphthalate
Concen: 23.067 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



Tgt Ion:163 Resp: 197718
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 21.430 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

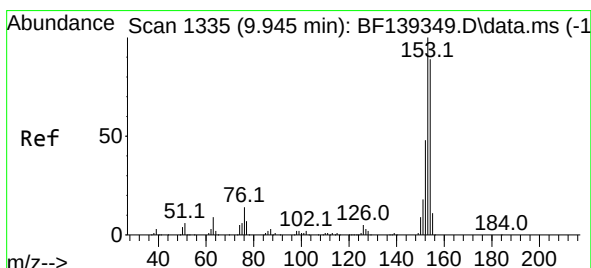
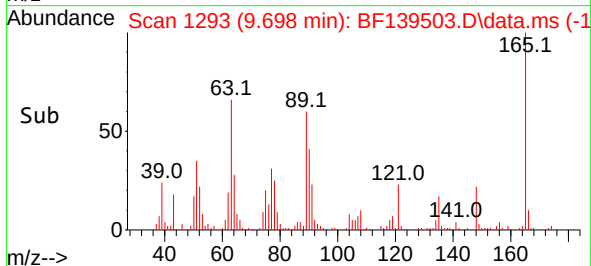
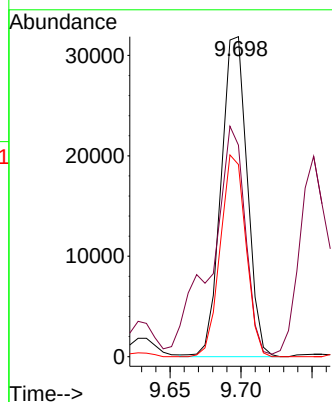
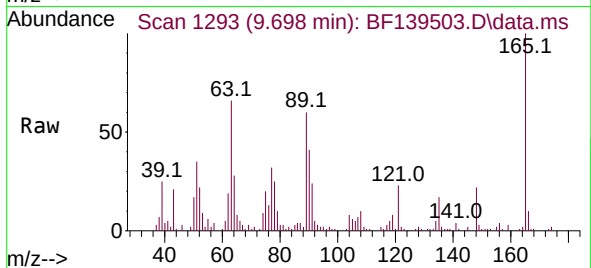
Tgt Ion:165 Resp: 4069

Ion	Ratio	Lower	Upper
165	100		
63	66.1	60.9	91.3
89	60.0	54.7	82.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52

Acenaphthene

Concen: 22.123 ng

RT: 9.945 min Scan# 1335

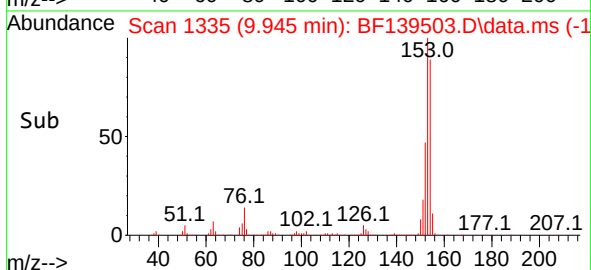
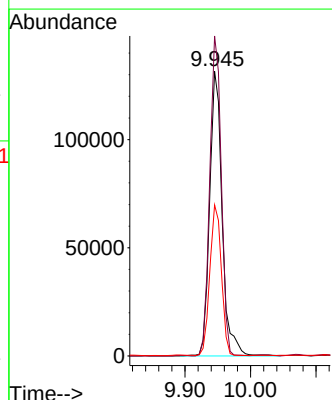
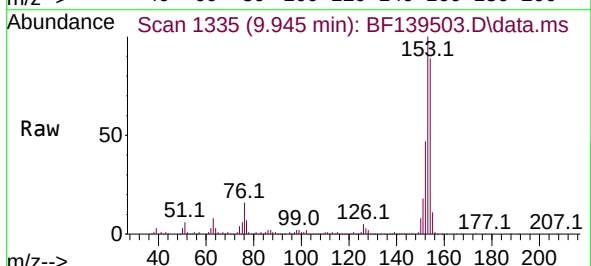
Delta R.T. -0.000 min

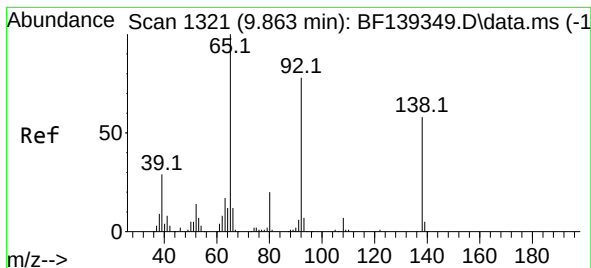
Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:154 Resp: 174598

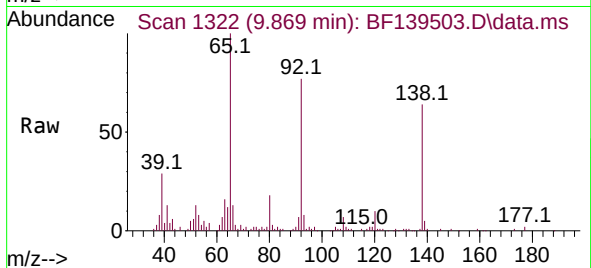
Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.5	134.3
152	53.1	42.6	64.0





#53
3-Nitroaniline
Concen: 19.764 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

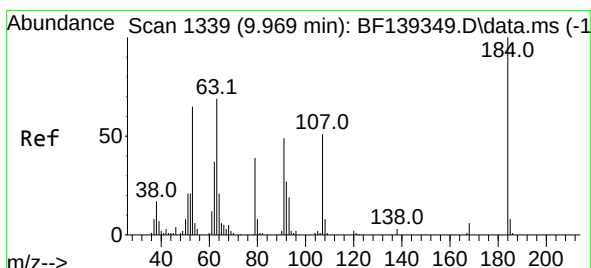
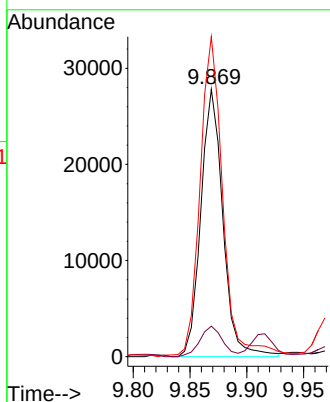
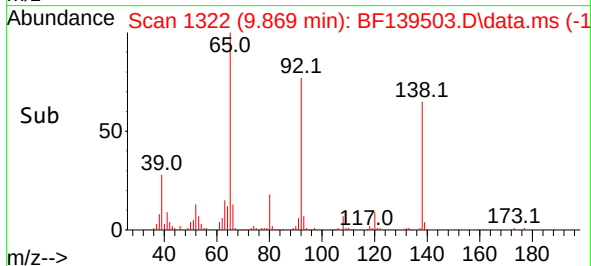
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



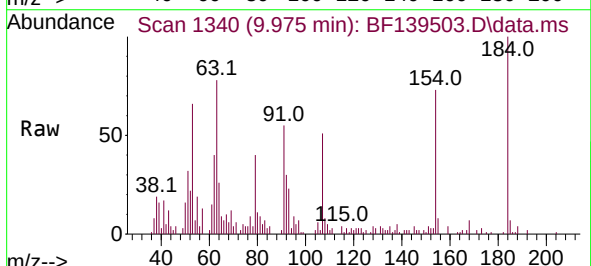
Tgt Ion:138 Resp: 37504
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.8
92 119.7 107.4 161.2

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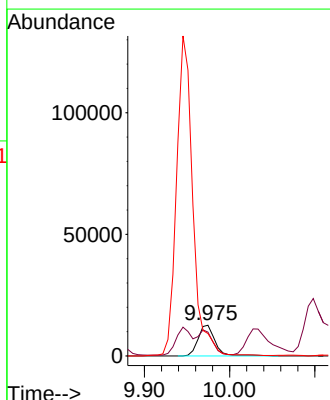
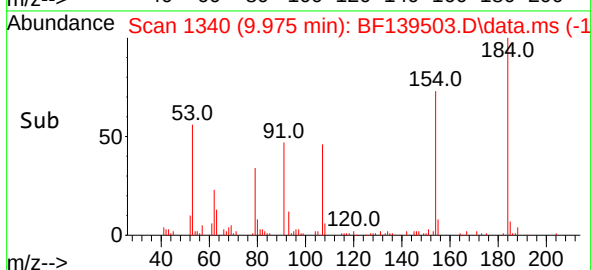
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

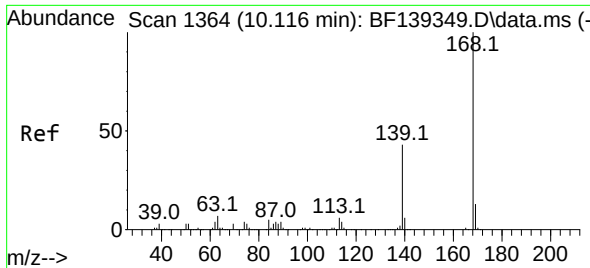


#54
2,4-Dinitrophenol
Concen: 16.669 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



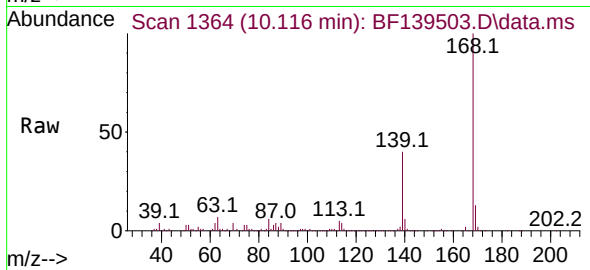
Tgt Ion:184 Resp: 17637
Ion Ratio Lower Upper
184 100
63 77.9 69.3 103.9
154 72.7 67.5 101.3





#55
Dibenzenofuran
Concen: 21.551 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

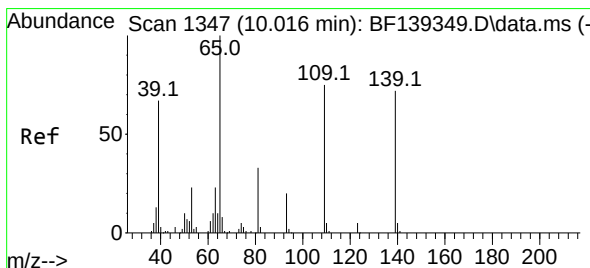
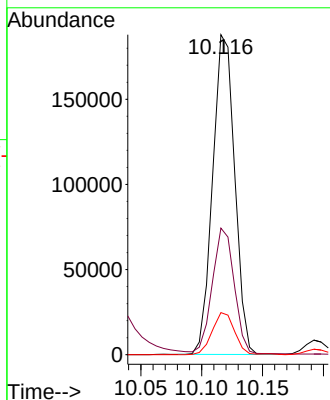
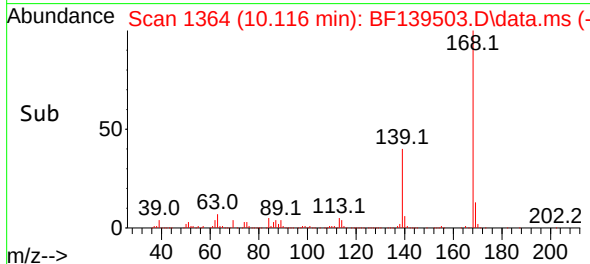
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:168 Resp: 237050
Ion Ratio Lower Upper
168 100
139 39.5 34.1 51.1
169 13.2 10.5 15.7

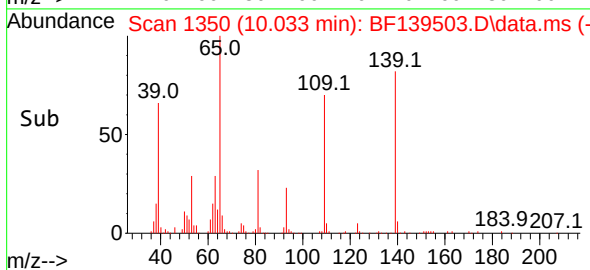
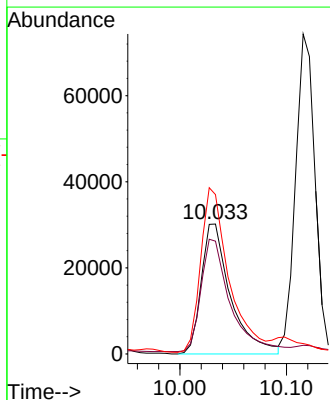
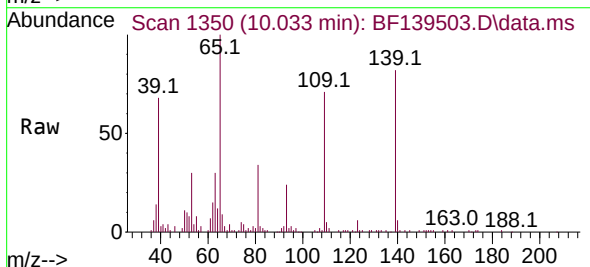
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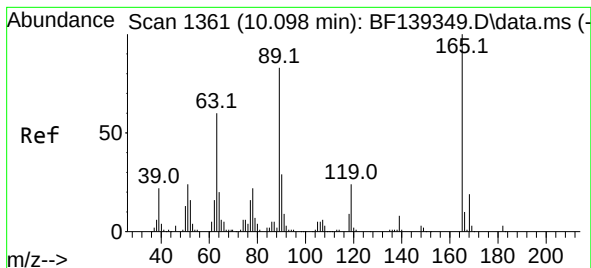
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 36.956 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

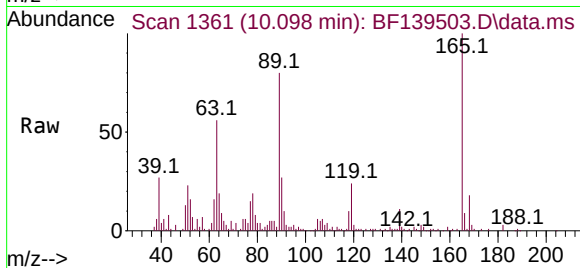
Tgt Ion:139 Resp: 58029
Ion Ratio Lower Upper
139 100
109 86.9 84.1 124.1
65 122.6 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 20.086 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

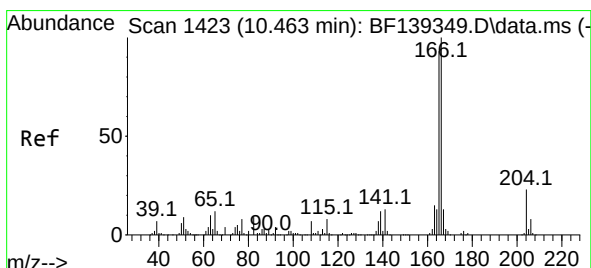
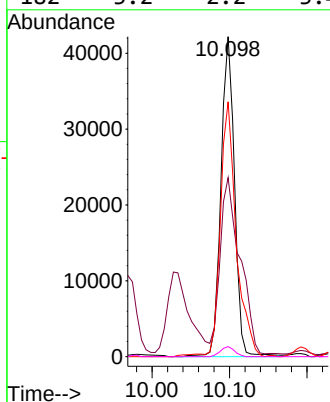
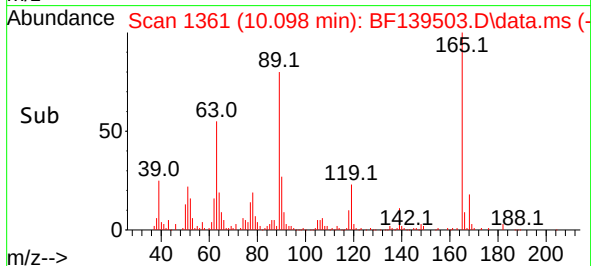
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:165 Resp: 51492
Ion Ratio Lower Upper
165 100
63 55.9 47.8 71.6
89 79.6 66.7 100.1
182 3.2 2.2 3.4

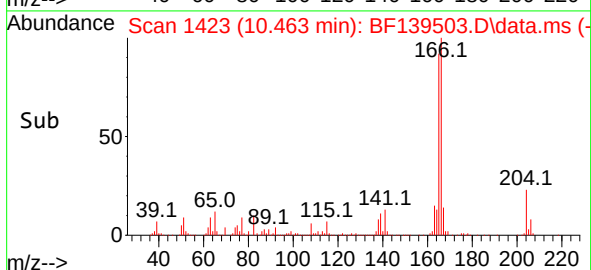
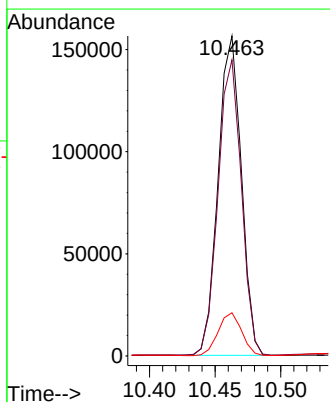
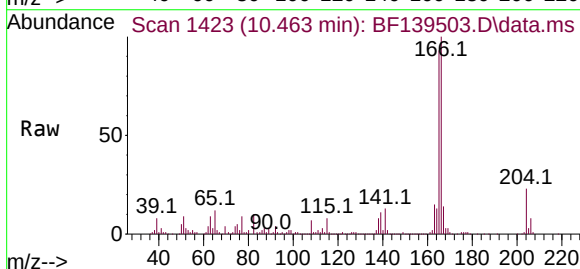
Manual Integrations
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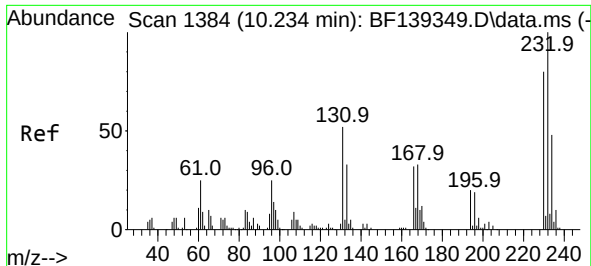
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 21.436 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

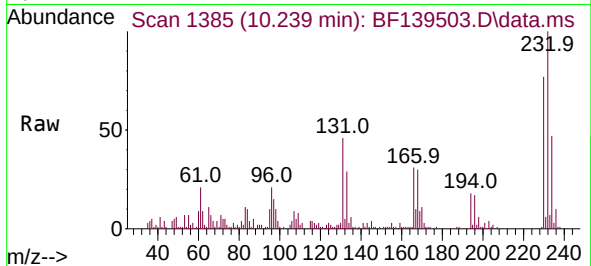
Tgt Ion:166 Resp: 192386
Ion Ratio Lower Upper
166 100
165 92.6 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.001 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

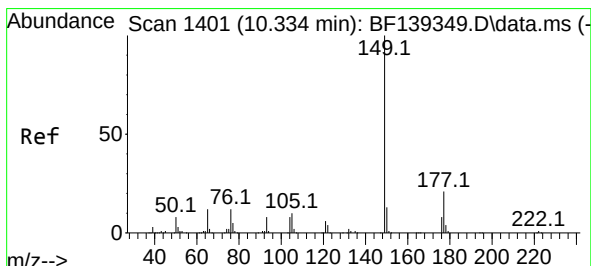
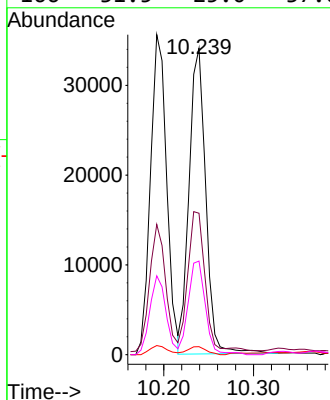
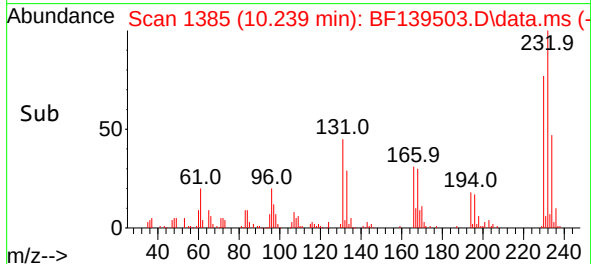
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:232 Resp: 4394
Ion Ratio Lower Upper
232 100
131 44.3 40.7 61.1
130 3.0 2.2 3.2
166 31.5 25.0 37.6

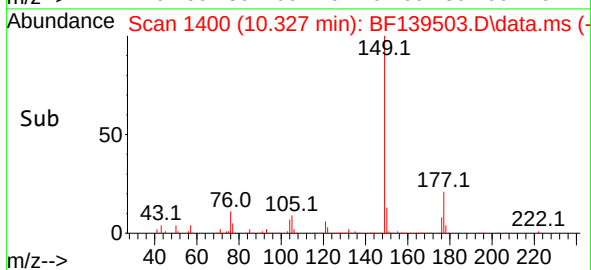
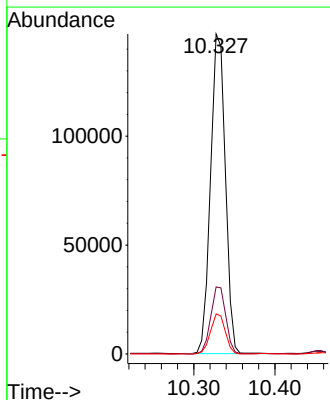
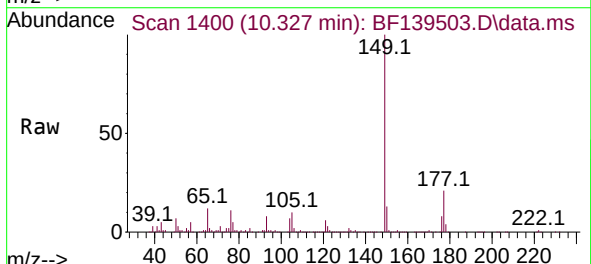
Manual Integrations
APPROVED

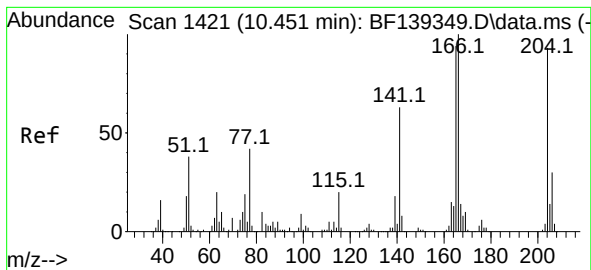
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 20.979 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:149 Resp: 185567
Ion Ratio Lower Upper
149 100
177 20.9 16.6 24.8
150 12.5 10.6 15.8





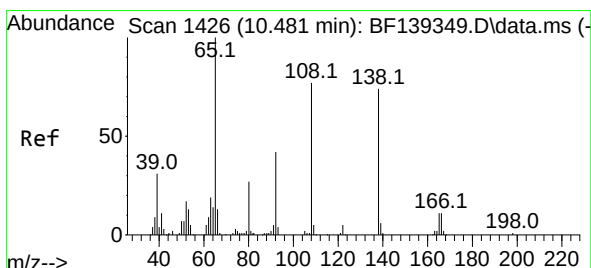
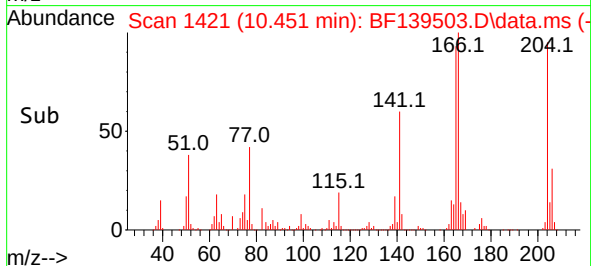
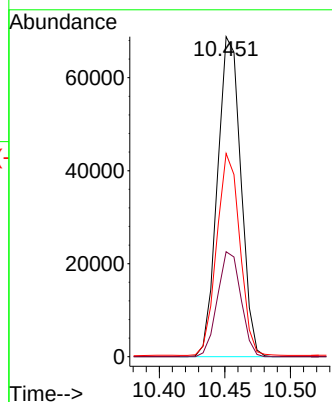
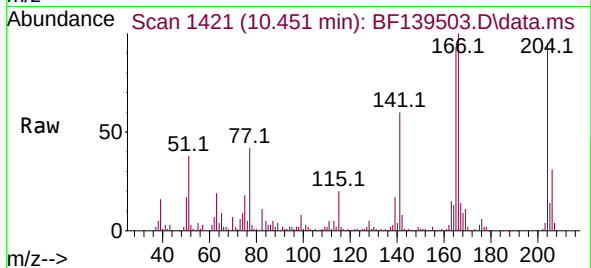
#61
4-Chlorophenyl-phenylether
Concen: 19.572 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:204 Resp: 85370
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 63.5 53.9 80.9

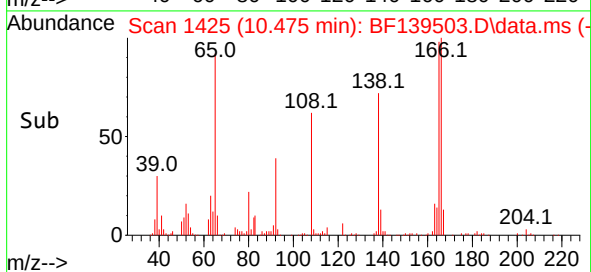
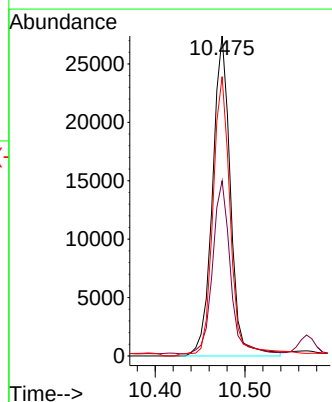
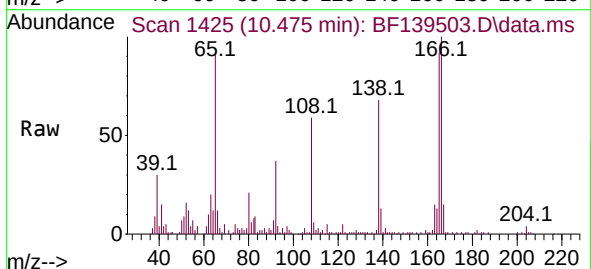
Manual Integrations
APPROVED

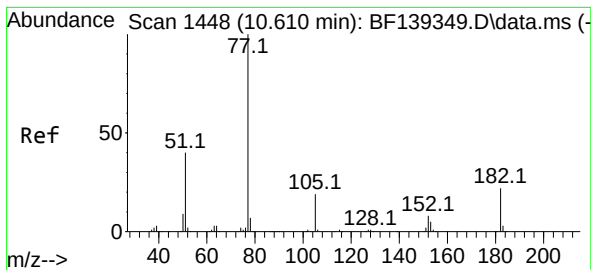
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 18.422 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

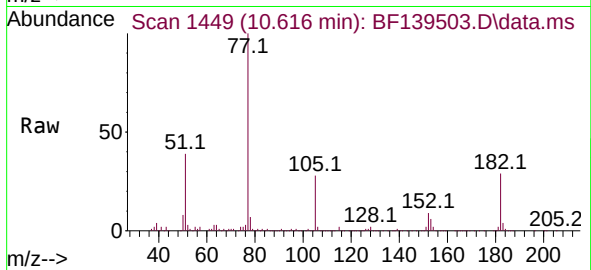
Tgt Ion:138 Resp: 38154
Ion Ratio Lower Upper
138 100
92 54.8 37.0 77.0
108 87.3 84.4 124.4





#63
Azobenzene
Concen: 22.701 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

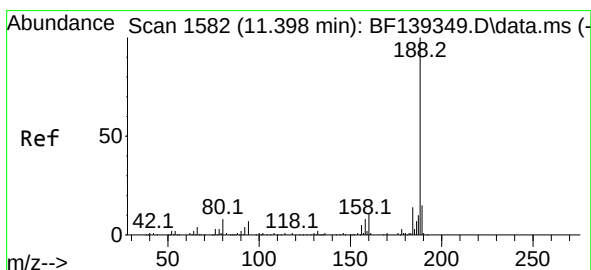
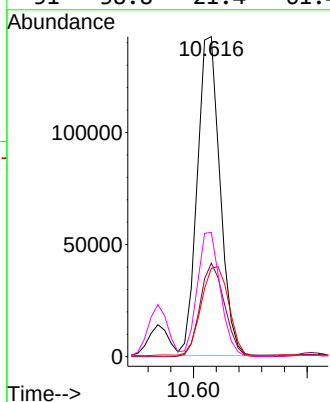
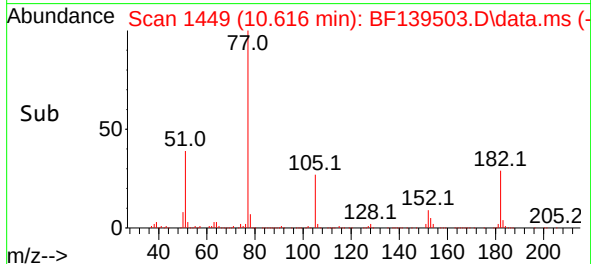
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



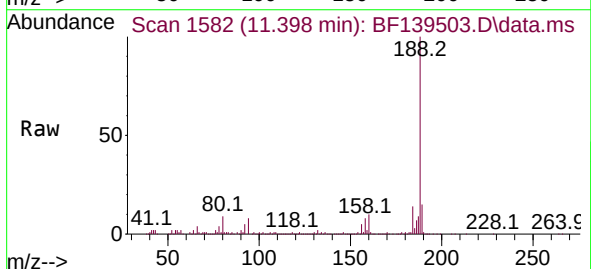
Tgt Ion: 77 Resp: 197494
Ion Ratio Lower Upper
77 100
182 29.3 1.8 41.8
105 27.6 0.0 38.6
51 38.8 21.4 61.4

Manual Integrations
APPROVED

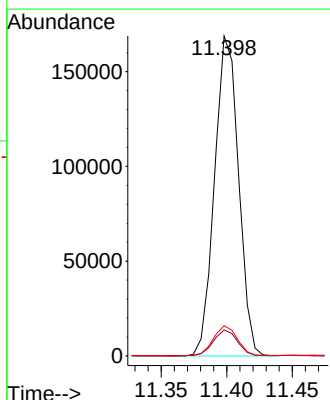
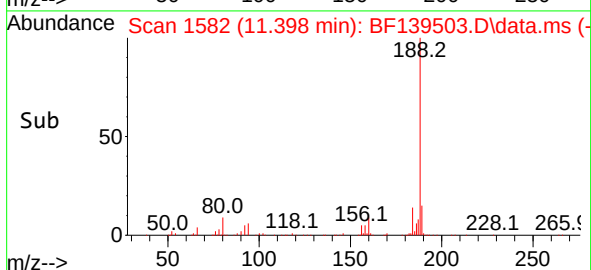
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

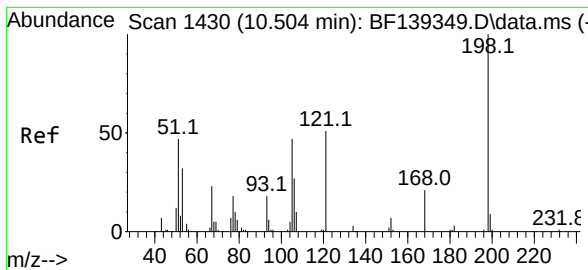


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



Tgt Ion:188 Resp: 214580
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 9.5 6.6 9.8





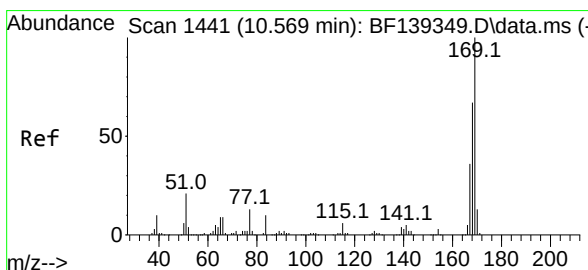
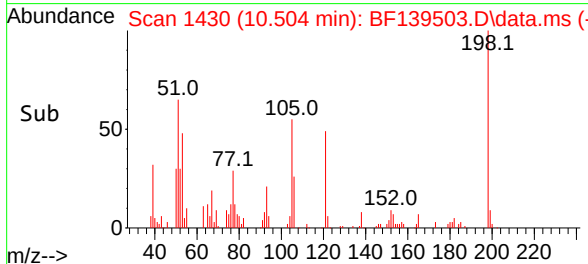
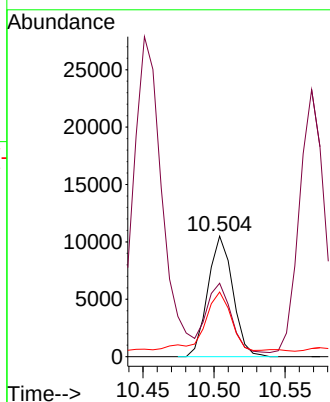
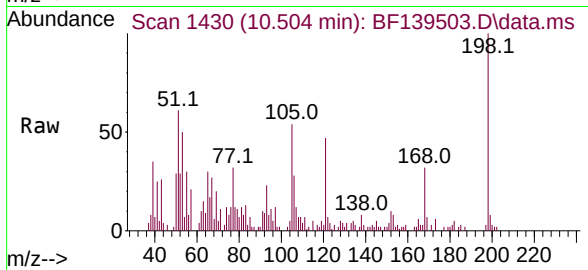
#65
4,6-Dinitro-2-methylphenol
Concen: 11.276 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:198 Resp: 12770
Ion Ratio Lower Upper
198 100
51 60.9 50.4 90.4
105 53.6 28.3 68.3

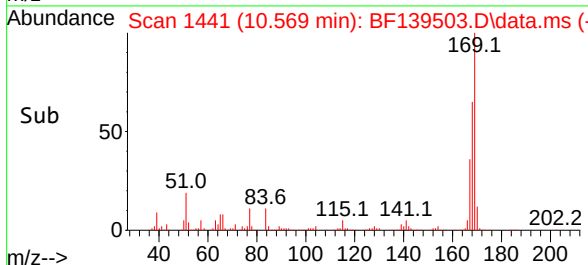
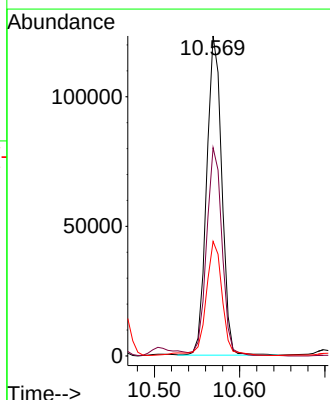
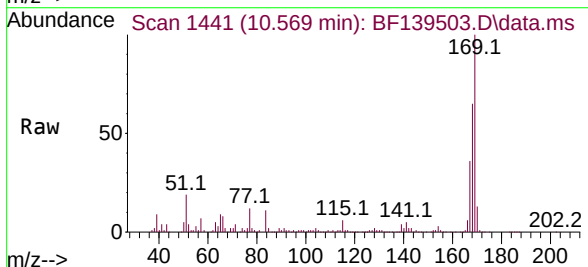
Manual Integrations
APPROVED

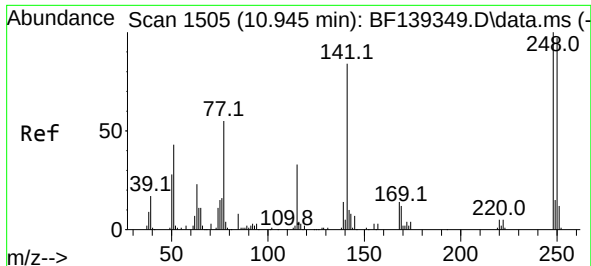
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 24.175 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

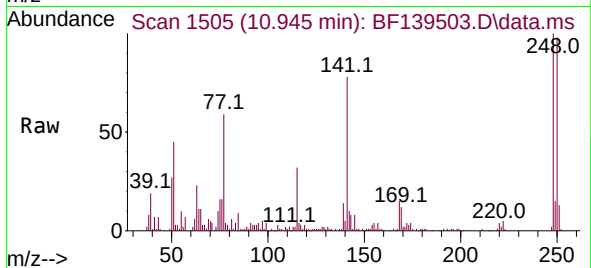
Tgt Ion:169 Resp: 151663
Ion Ratio Lower Upper
169 100
168 65.1 53.6 80.4
167 35.8 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 22.337 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

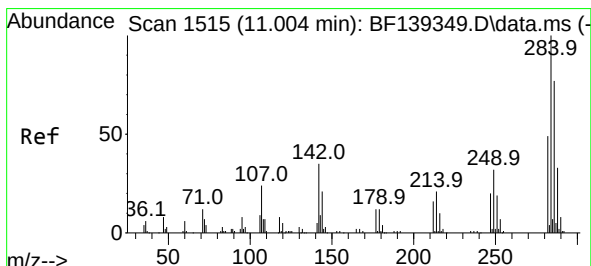
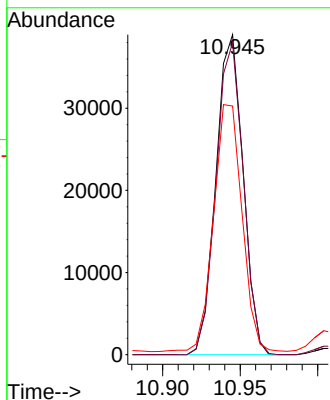
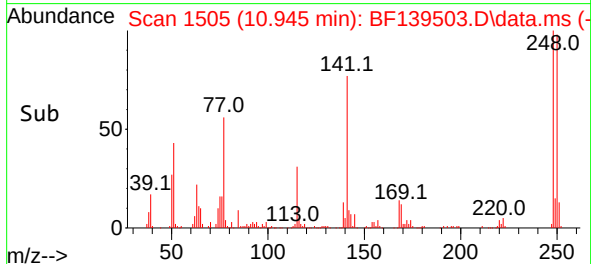
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



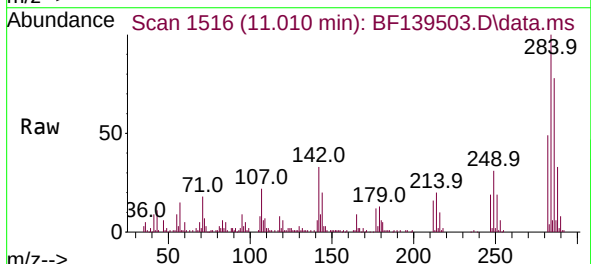
Tgt Ion:248 Resp: 4749
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 77.7 66.9 100.3

Manual Integrations
APPROVED

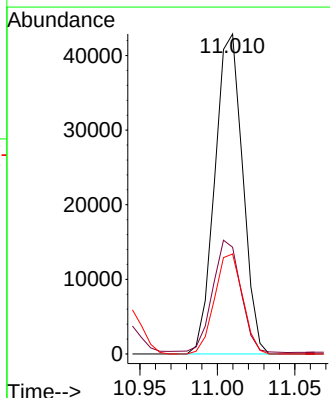
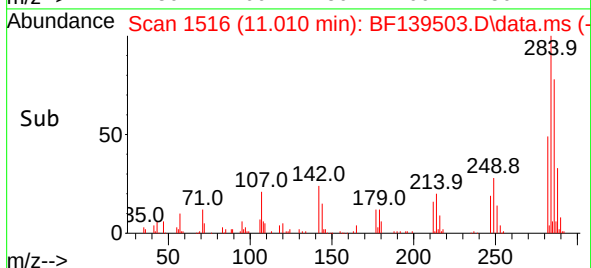
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

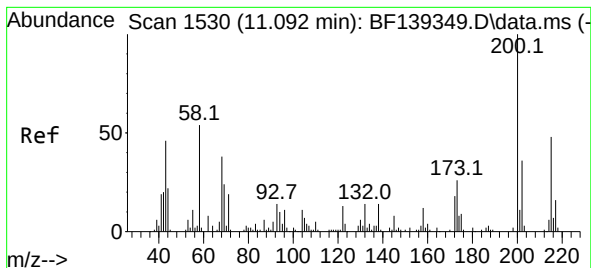


#68
Hexachlorobenzene
Concen: 21.478 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



Tgt Ion:284 Resp: 53602
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 31.3 25.3 37.9





#69

Atrazine

Concen: 28.414 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

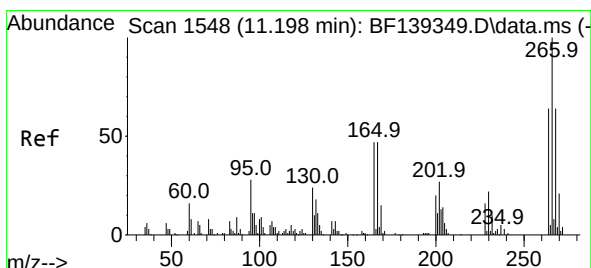
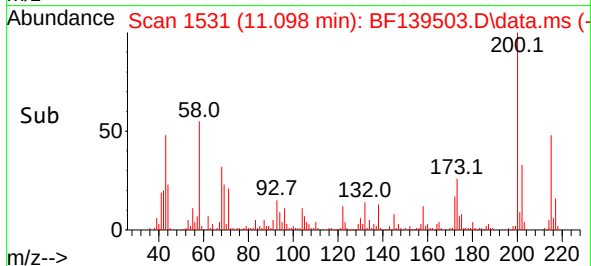
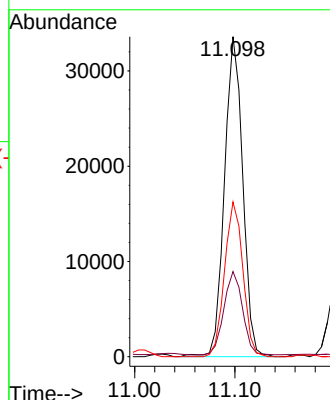
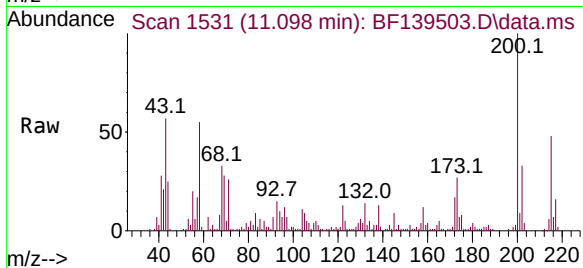
NB-08-09192024MSD

Tgt Ion:	200	Resp:	42438
Ion Ratio	Lower	Upper	
200	100		
173	26.6	6.1	46.1
215	48.4	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 40.072 ng

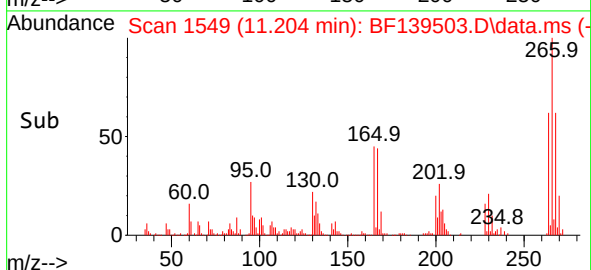
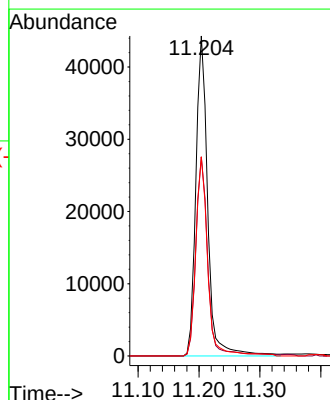
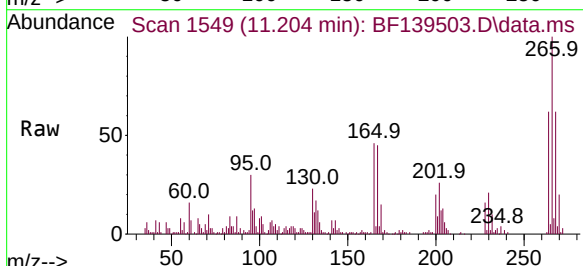
RT: 11.204 min Scan# 1549

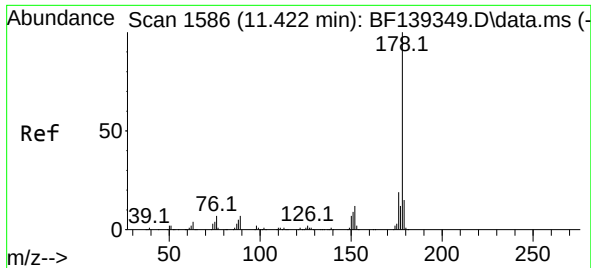
Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:	266	Resp:	60007
Ion Ratio	Lower	Upper	
266	100		
268	62.2	51.1	76.7
264	62.3	51.4	77.0





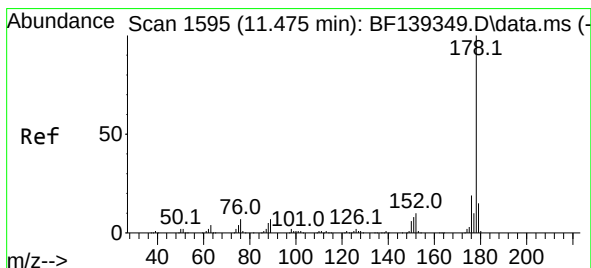
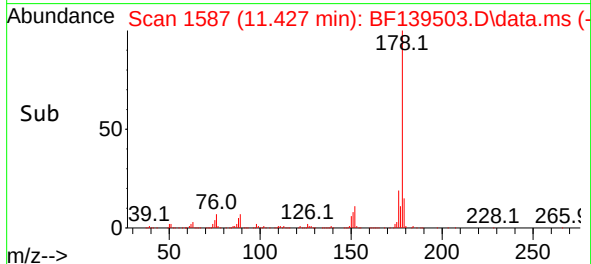
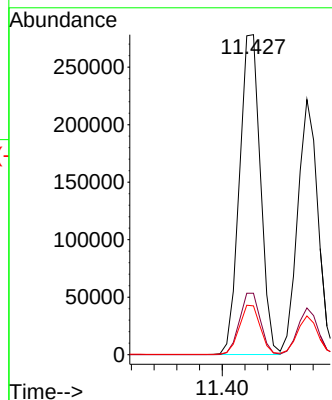
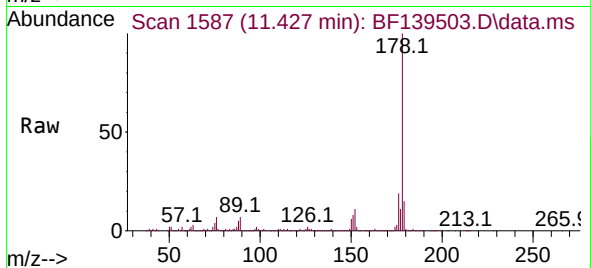
#71
Phenanthrene
Concen: 34.451 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:178 Resp: 356654
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.3 12.2 18.4

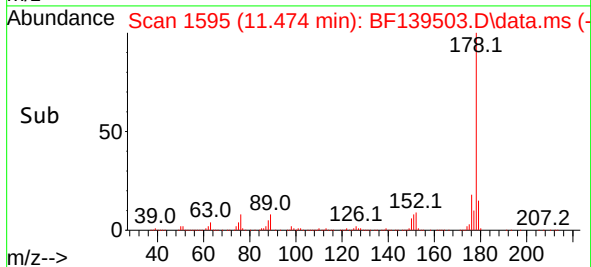
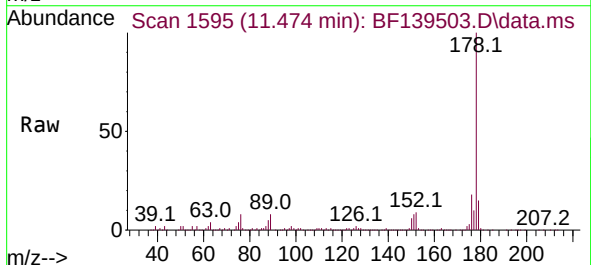
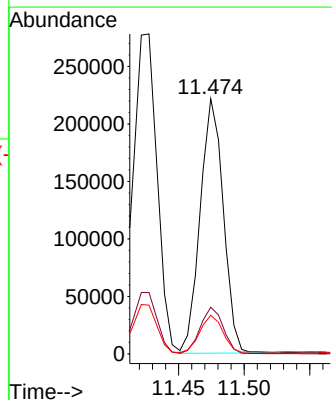
Manual Integrations
APPROVED

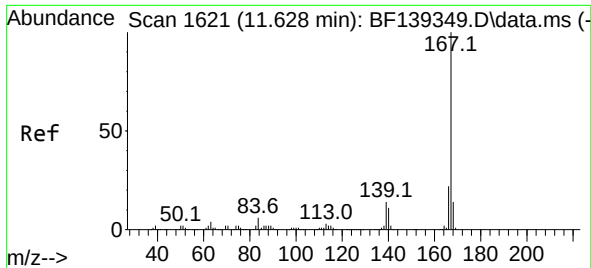
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 26.853 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

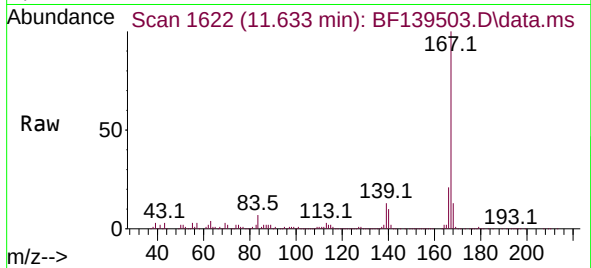
Tgt Ion:178 Resp: 271807
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.2 12.0 18.0





#73
Carbazole
Concen: 23.984 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

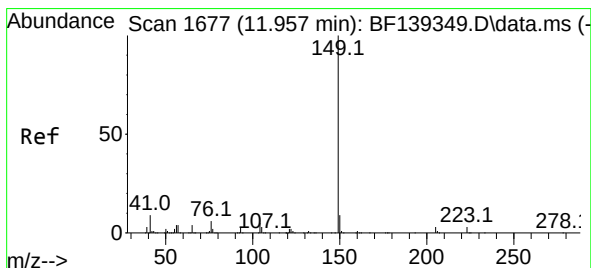
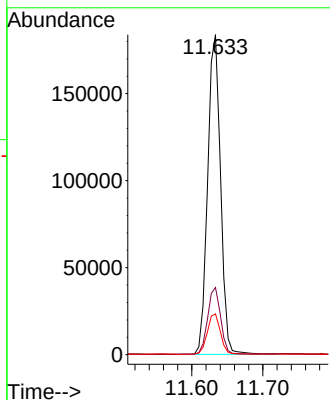
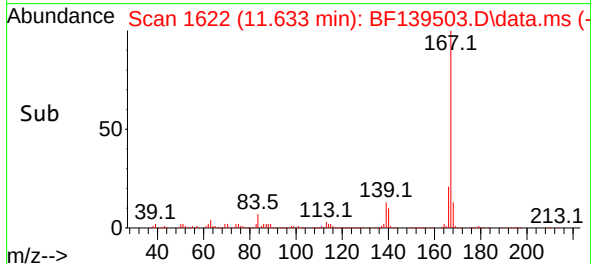
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



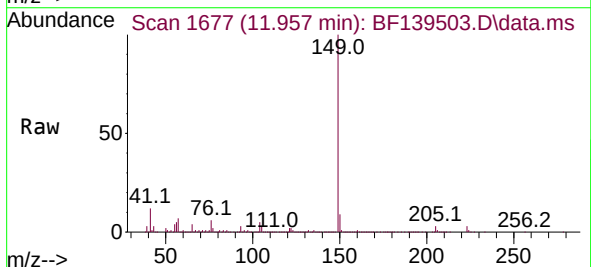
Tgt Ion:167 Resp: 23234
Ion Ratio Lower Upper
167 100
166 21.0 17.5 26.3
139 12.7 10.9 16.3

Manual Integrations
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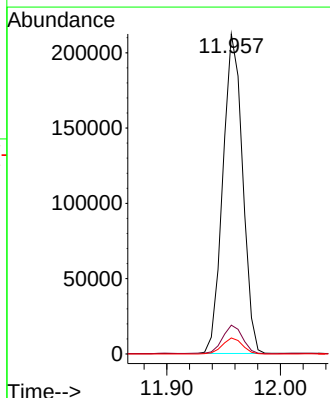
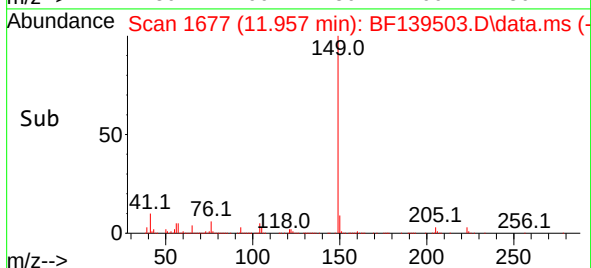
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

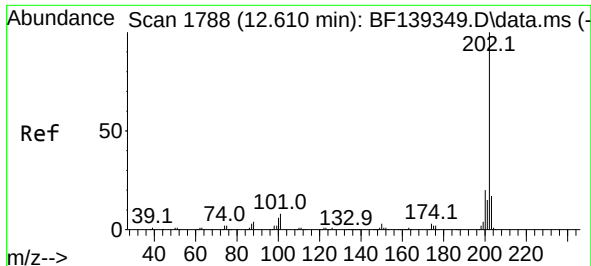


#74
Di-n-butylphthalate
Concen: 23.792 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55



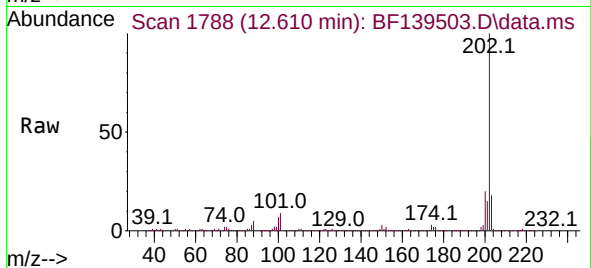
Tgt Ion:149 Resp: 256753
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 36.851 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

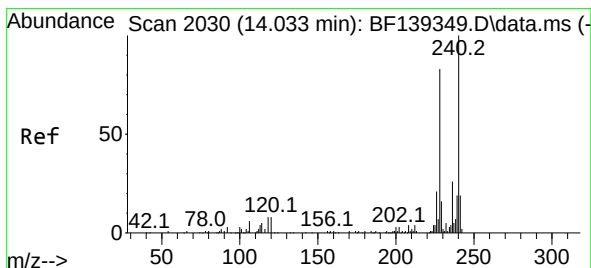
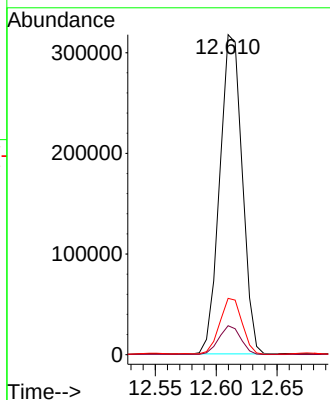
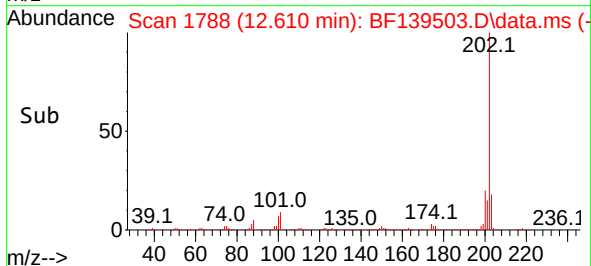
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:202 Resp: 407409
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.7
203 17.6 0.0 37.4

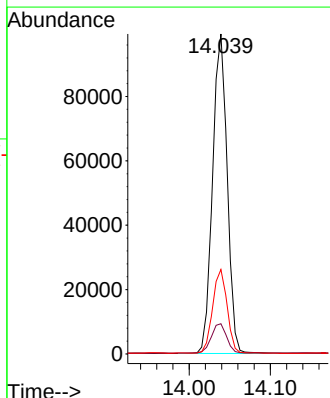
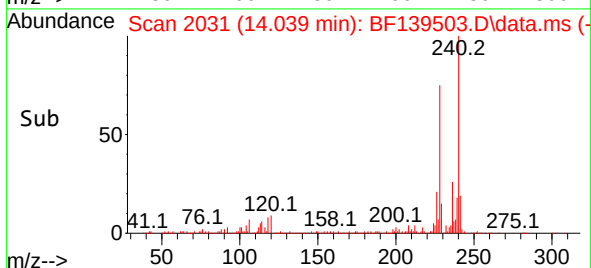
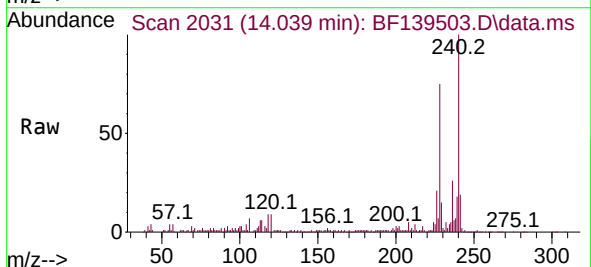
Manual Integrations
APPROVED

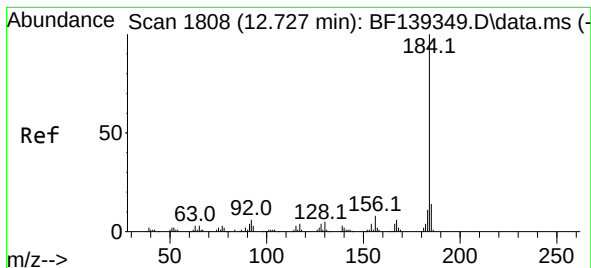
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:240 Resp: 124140
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 26.4 20.9 31.3





#77

Benzidine

Concen: 18.783 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.017 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

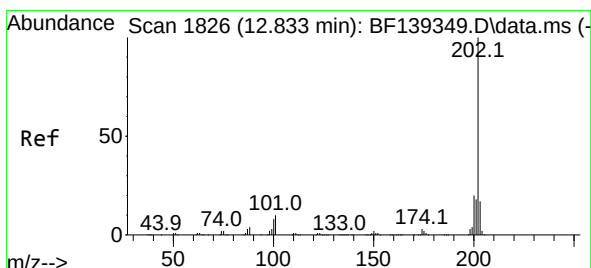
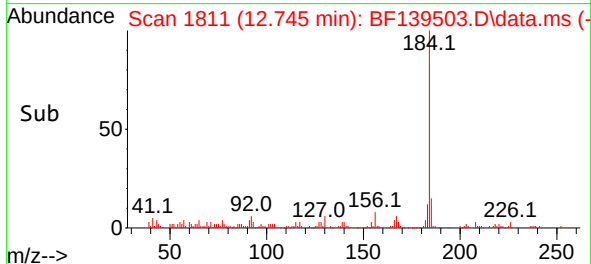
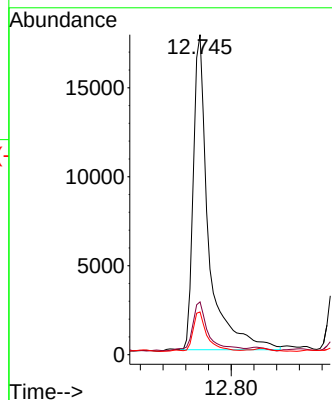
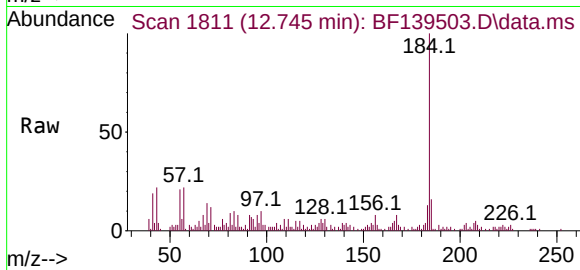
Tgt Ion:184 Resp: 3340

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.5	17.3
183	13.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 39.268 ng

RT: 12.839 min Scan# 1827

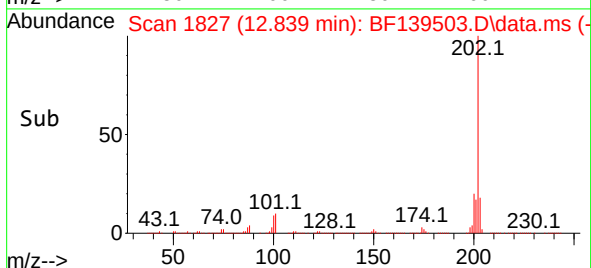
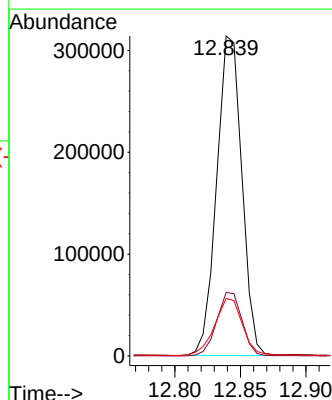
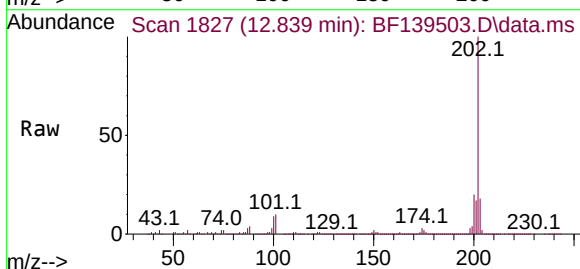
Delta R.T. 0.006 min

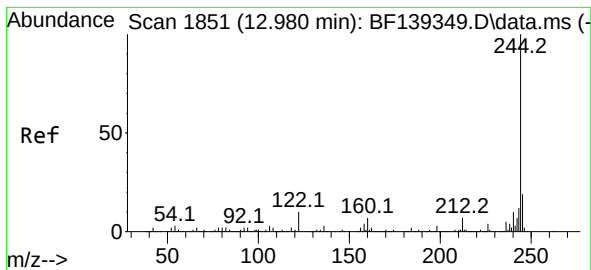
Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:202 Resp: 418561

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	18.0	13.9	20.9





#79

Terphenyl-d14

Concen: 40.992 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

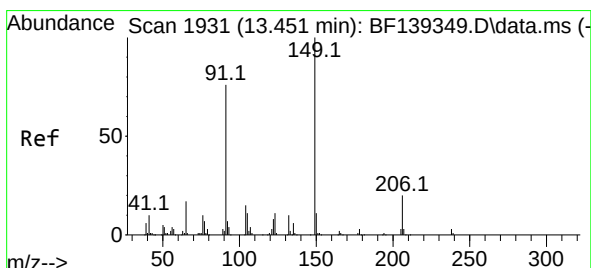
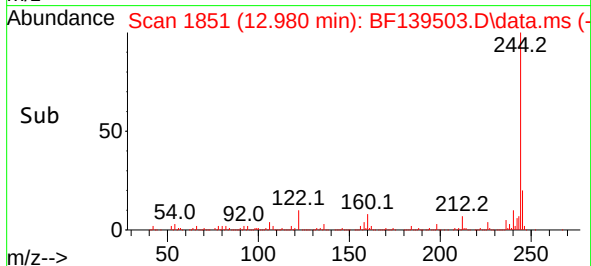
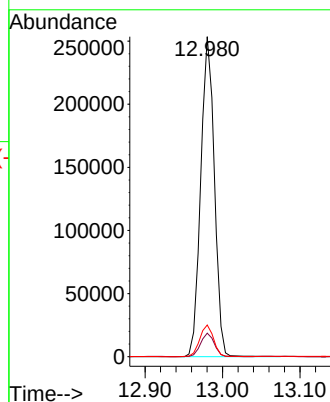
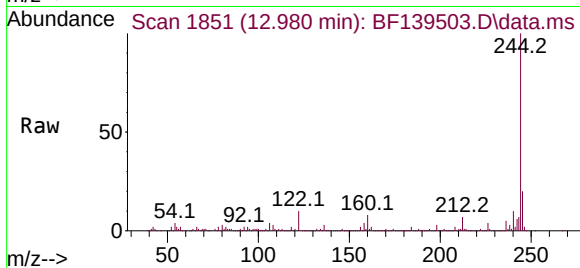
NB-08-09192024MSD

Tgt Ion:244	Resp: 310029
Ion Ratio	Lower Upper
244 100	
212 7.3	6.0 9.0
122 9.9	7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 27.659 ng

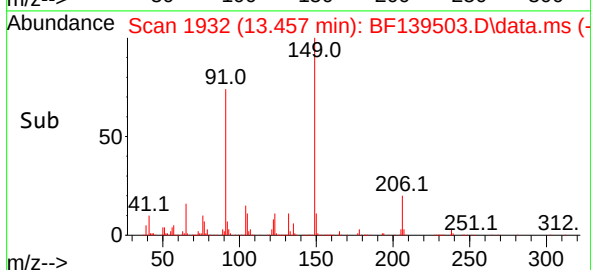
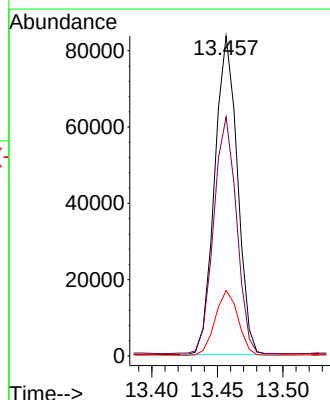
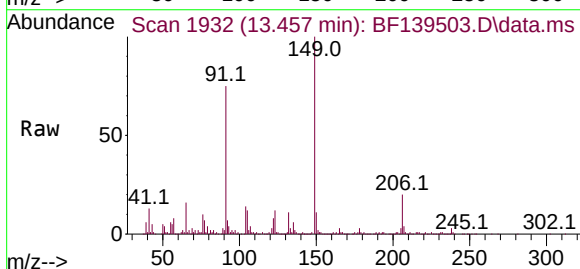
RT: 13.457 min Scan# 1932

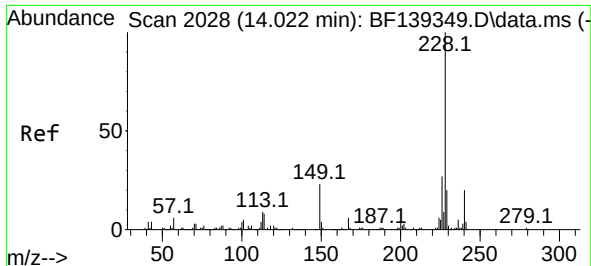
Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

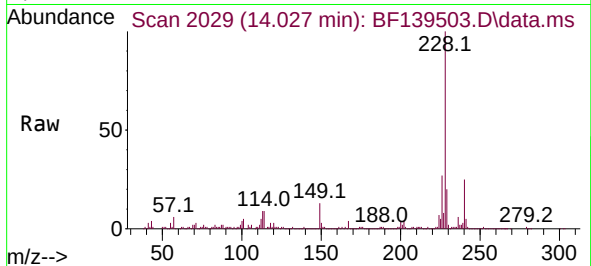
Tgt Ion:149	Resp: 100351
Ion Ratio	Lower Upper
149 100	
91 74.7	60.9 91.3
206 20.5	15.8 23.8





#81
Benzo(a)anthracene
Concen: 28.984 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

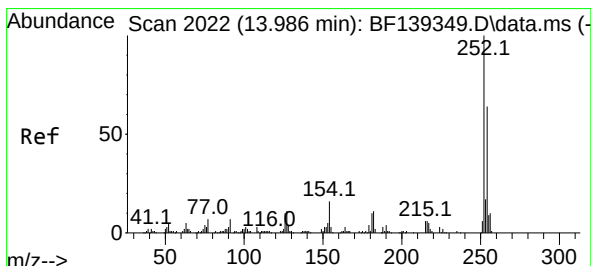
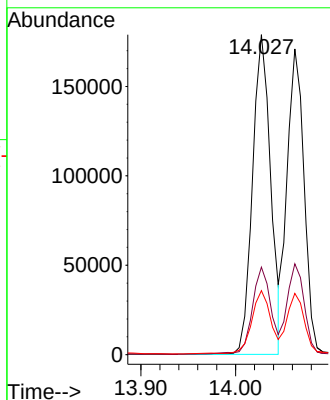
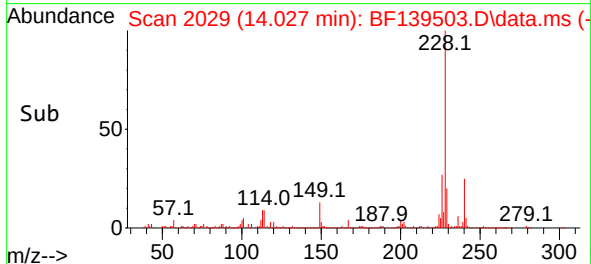
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:228 Resp: 238334
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.0 15.7 23.5

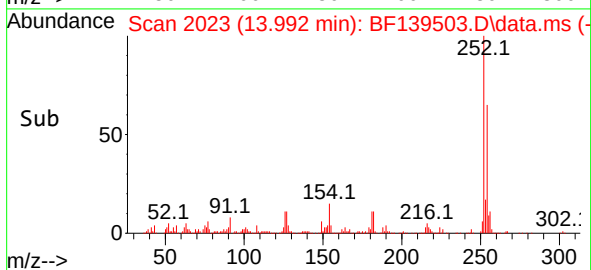
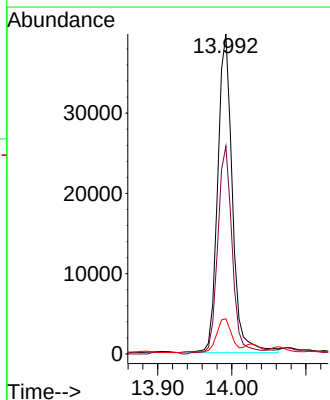
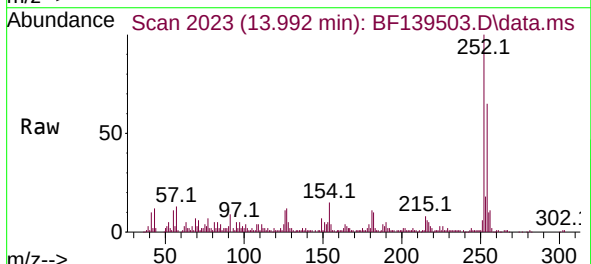
Manual Integrations
APPROVED

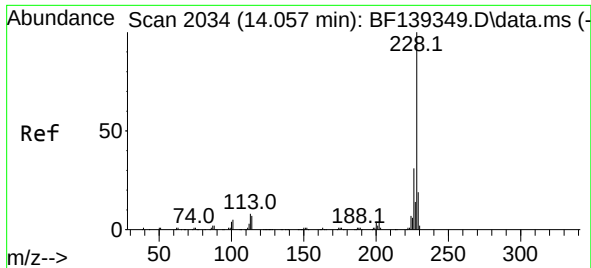
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 22.687 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

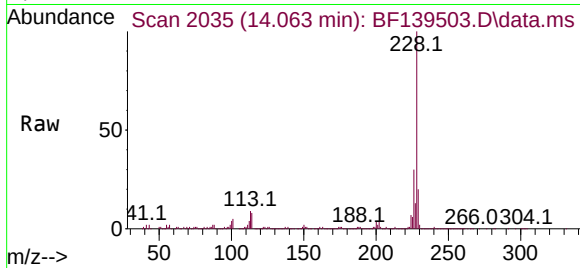
Tgt Ion:252 Resp: 54632
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 11.0 7.7 11.5





#83
Chrysene
Concen: 28.195 ng
RT: 14.063 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

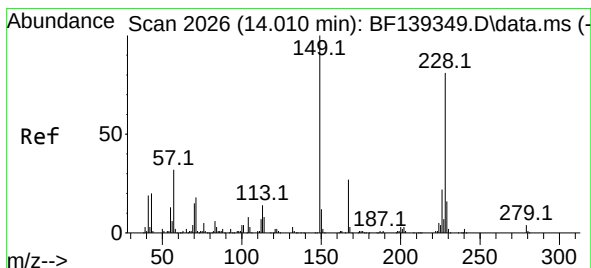
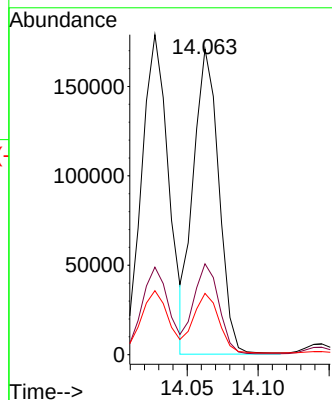
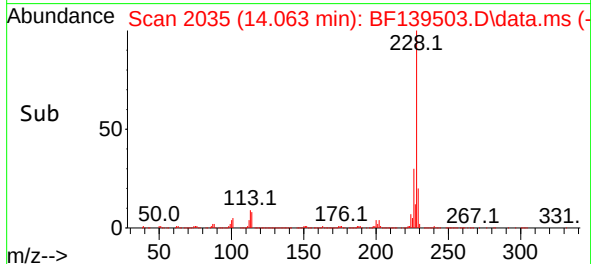
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:228 Resp: 213300
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 20.1 15.4 23.0

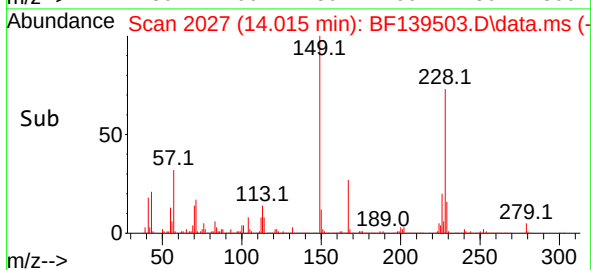
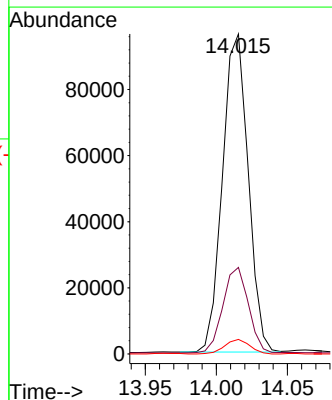
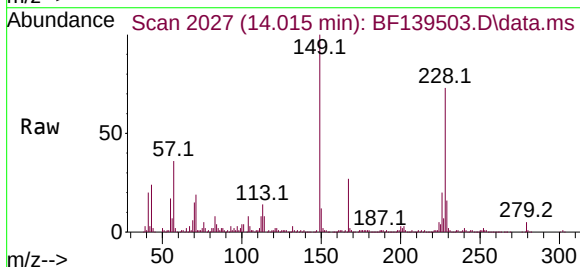
Manual Integrations
APPROVED

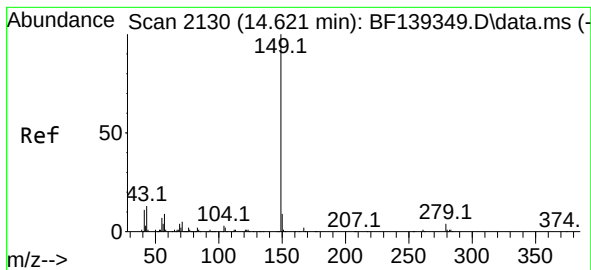
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 26.223 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:149 Resp: 121030
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 24.883 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

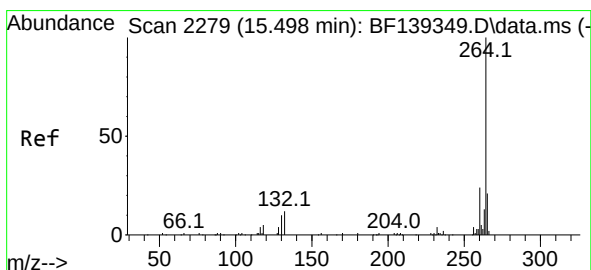
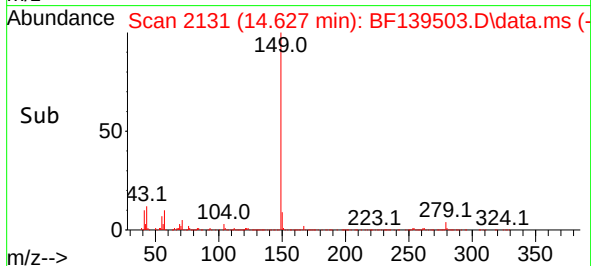
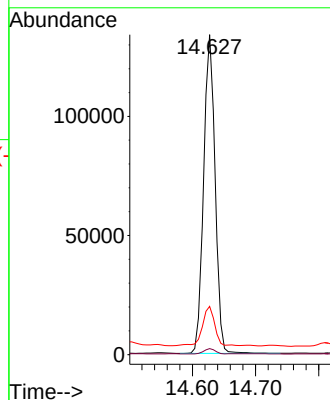
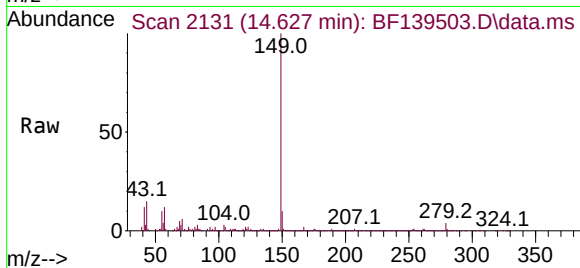
NB-08-09192024MSD

Tgt Ion:	149	Resp:	16913
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	13.2	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86

Perylene-d12

Concen: 20.000 ng

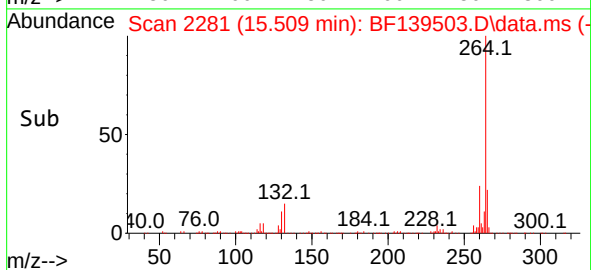
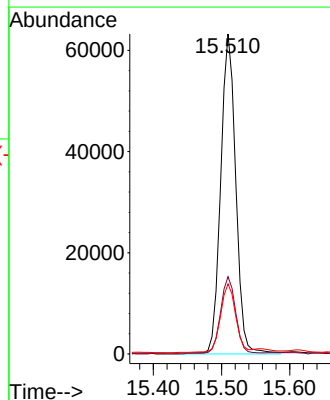
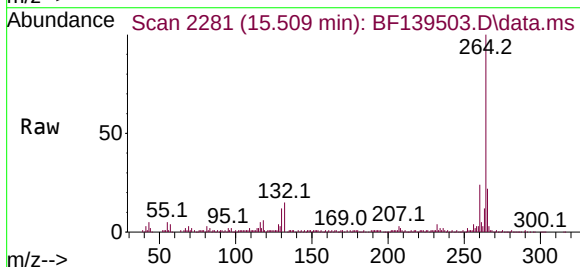
RT: 15.509 min Scan# 2281

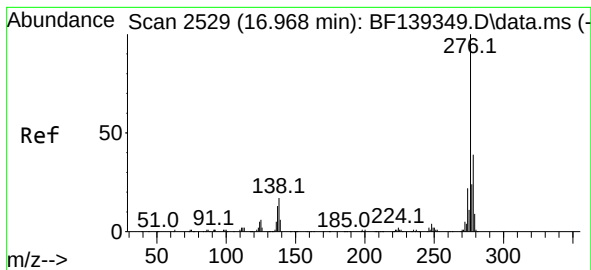
Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:	264	Resp:	97561
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.9	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 24.223 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

Tgt Ion:276 Resp: 14052

Ion Ratio Lower Upper

276 100

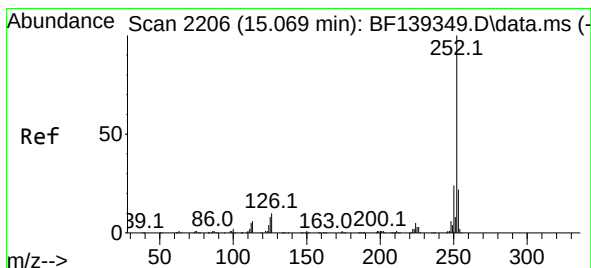
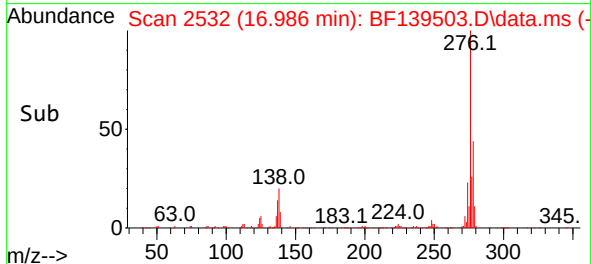
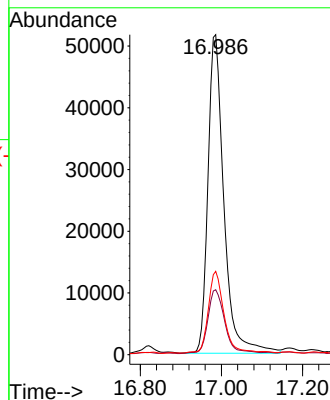
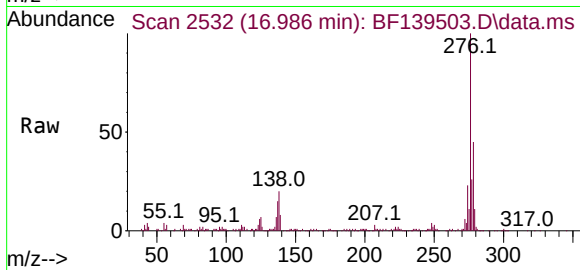
138 21.1 15.4 23.2

277 24.9 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 28.014 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

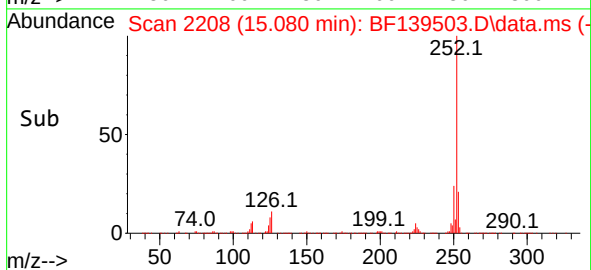
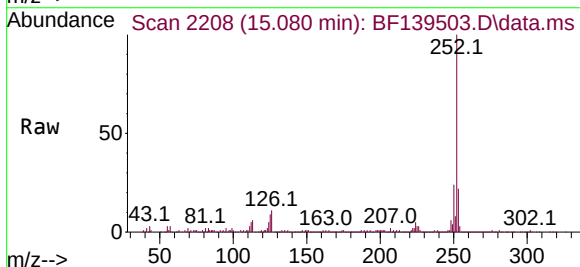
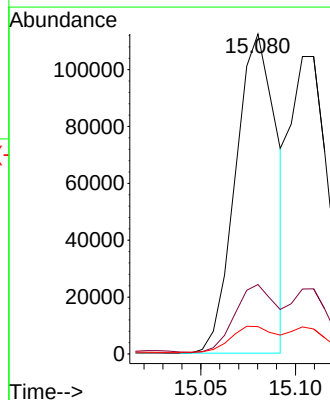
Tgt Ion:252 Resp: 168561

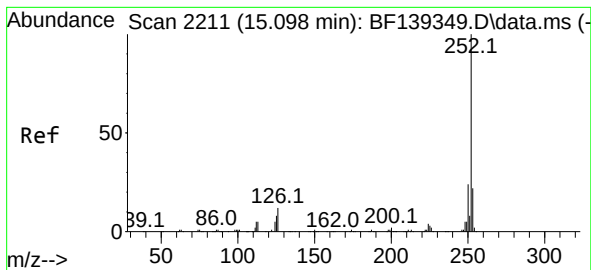
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 25.947 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

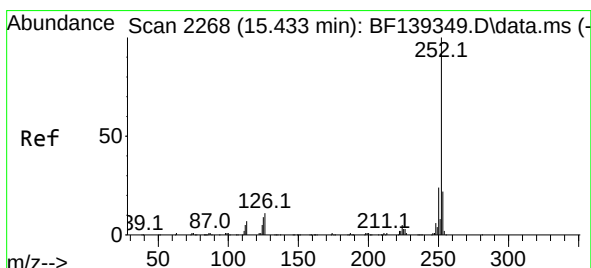
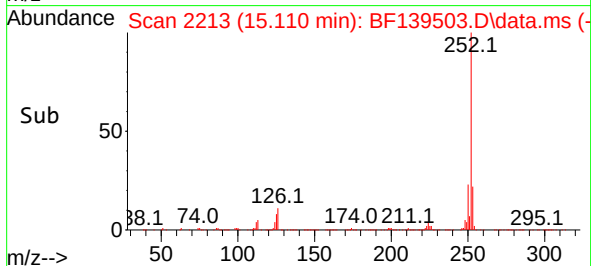
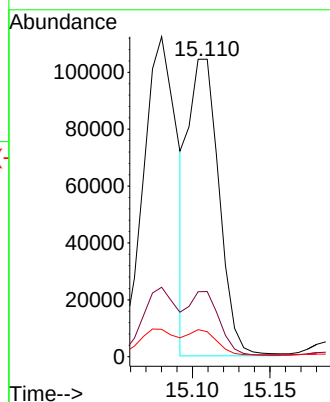
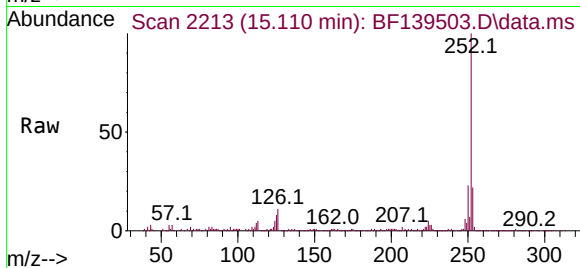
NB-08-09192024MSD

Tgt Ion:252 Resp: 143950
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 8.4 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 30.120 ng

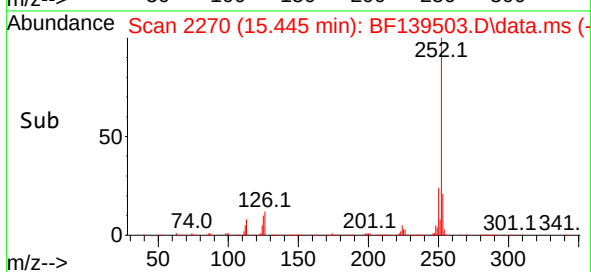
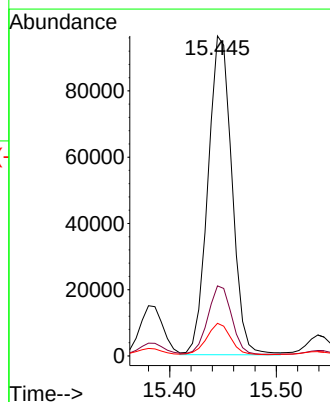
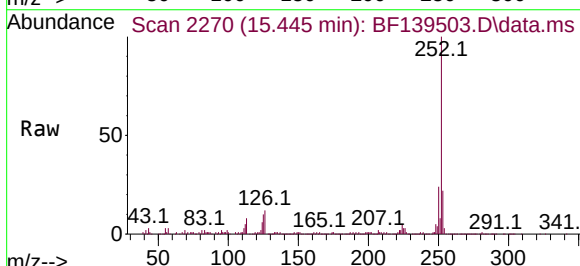
RT: 15.445 min Scan# 2270

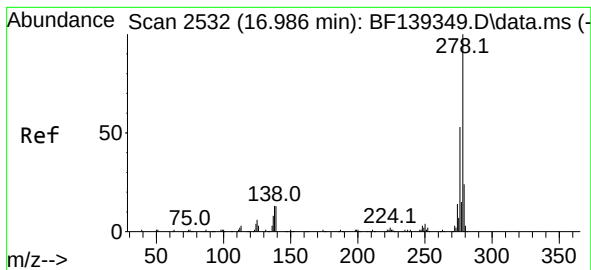
Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

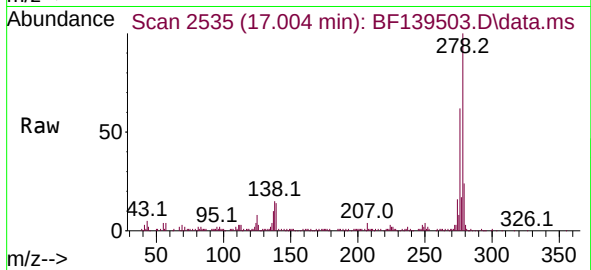
Tgt Ion:252 Resp: 150303
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 10.2 6.8 10.2#





#91
Dibenzo(a,h)anthracene
Concen: 21.212 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

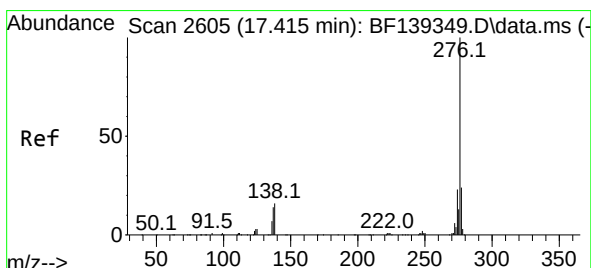
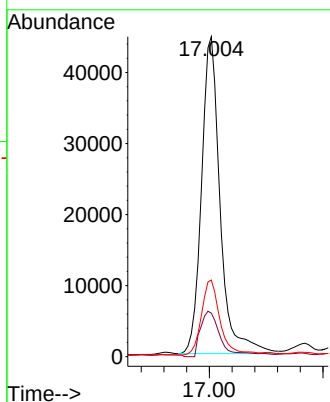
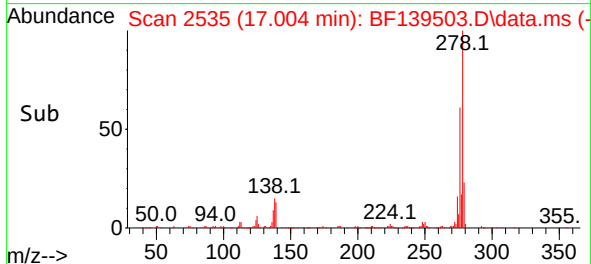
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD



Tgt Ion:278 Resp: 101685
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.2
279 24.0 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 22.212 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:276 Resp: 105425
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.5 13.0 19.6

