

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139627.D
 Acq On : 03 Oct 2024 13:12
 Operator : RC/JU
 Sample : PB163843BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163843BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 13:35:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	97350	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	387528	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	227394	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	435491	20.000	ng	0.00
76) Chrysene-d12	14.033	240	234590	20.000	ng	0.00
86) Perylene-d12	15.498	264	205443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	767414	136.632	ng	0.01
7) Phenol-d6	6.504	99	1039797	137.664	ng	0.00
23) Nitrobenzene-d5	7.434	82	686924	89.746	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	300097	136.711	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1292593	87.266	ng	0.00
79) Terphenyl-d14	12.980	244	1429763	100.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	99745	41.076	ng	98
3) Pyridine	3.487	79	266353	45.100	ng	99
4) n-Nitrosodimethylamine	3.446	42	185596	48.011	ng	97
6) Aniline	6.534	93	339994	50.727	ng	100
8) 2-Chlorophenol	6.657	128	306246	50.892	ng	97
9) Benzaldehyde	6.416	77	46872	11.715	ng	99
10) Phenol	6.522	94	399793	50.338	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	297911	46.069	ng	99
12) 1,3-Dichlorobenzene	6.810	146	308236	45.533	ng	99
13) 1,4-Dichlorobenzene	6.887	146	316582	46.174	ng	99
14) 1,2-Dichlorobenzene	7.040	146	301796	46.966	ng	99
15) Benzyl Alcohol	7.016	79	296638	51.401	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	542607	48.469	ng	88
17) 2-Methylphenol	7.128	107	253920	50.545	ng	98
18) Hexachloroethane	7.381	117	117788	46.059	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	236210	48.643	ng	99
20) 3+4-Methylphenols	7.281	107	318007	50.398	ng	95
22) Acetophenone	7.281	105	423924	46.085	ng	99
24) Nitrobenzene	7.451	77	359057	45.302	ng	99
25) Isophorone	7.692	82	650117	47.822	ng	99
26) 2-Nitrophenol	7.769	139	167499	49.159	ng	99
27) 2,4-Dimethylphenol	7.804	122	250449m	60.043	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	377272	46.474	ng	99
29) 2,4-Dichlorophenol	8.010	162	267352	49.140	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	268015	43.559	ng	99
31) Naphthalene	8.175	128	905794	45.715	ng	100
32) Benzoic acid	7.939	122	208727	50.324	ng	100
33) 4-Chloroaniline	8.222	127	177999	26.540	ng	98
34) Hexachlorobutadiene	8.287	225	172517	43.327	ng	100
35) Caprolactam	8.598	113	90413m	50.666	ng	
36) 4-Chloro-3-methylphenol	8.710	107	305043	49.529	ng	99
37) 2-Methylnaphthalene	8.863	142	602734	46.707	ng	100
38) 1-Methylnaphthalene	8.963	142	565417	44.825	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	282849	44.794	ng	98
41) Hexachlorocyclopentadiene	9.016	237	324386	167.541	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	204303	47.995	ng	98

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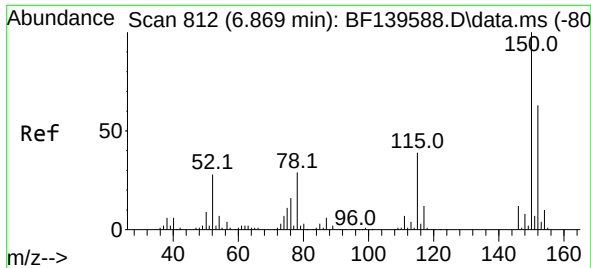
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214138	46.648	ng	99
46) 1,1'-Biphenyl	9.328	154	767631	45.388	ng	99
47) 2-Chloronaphthalene	9.357	162	571644	45.086	ng	99
48) 2-Nitroaniline	9.451	65	227576	50.001	ng	99
49) Acenaphthylene	9.769	152	954636	49.509	ng	100
50) Dimethylphthalate	9.633	163	725777	48.758	ng	100
51) 2,6-Dinitrotoluene	9.698	165	158912	47.259	ng	92
52) Acenaphthene	9.939	154	695274m	52.524	ng	
53) 3-Nitroaniline	9.863	138	115150	33.510	ng	96
54) 2,4-Dinitrophenol	9.975	184	197006	108.928	ng	99
55) Dibenzofuran	10.116	168	872733	47.089	ng	100
56) 4-Nitrophenol	10.033	139	258798	98.762	ng	98
57) 2,4-Dinitrotoluene	10.098	165	215434	49.015	ng	97
58) Fluorene	10.457	166	696940	47.212	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	188821	50.927	ng	98
60) Diethylphthalate	10.333	149	745411	48.482	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	338992	45.902	ng	99
62) 4-Nitroaniline	10.480	138	165791	47.169	ng	97
63) Azobenzene	10.610	77	754054	48.768	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	124417	50.585	ng	98
66) n-Nitrosodiphenylamine	10.569	169	611902	47.668	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	206711	46.295	ng	99
68) Hexachlorobenzene	11.004	284	222935	44.995	ng	100
69) Atrazine	11.098	200	202913	58.916	ng	100
70) Pentachlorophenol	11.198	266	266230	90.239	ng	99
71) Phenanthrene	11.422	178	976360	47.549	ng	100
72) Anthracene	11.475	178	1007709	49.606	ng	100
73) Carbazole	11.627	167	914689	46.881	ng	100
74) Di-n-butylphthalate	11.951	149	1154286	48.651	ng	100
75) Fluoranthene	12.604	202	1037578	46.225	ng	99
77) Benzidine	12.727	184	312166	75.441	ng	99
78) Pyrene	12.839	202	1036020	49.378	ng	99
80) Butylbenzylphthalate	13.451	149	398389	53.084	ng	99
81) Benzo(a)anthracene	14.021	228	743810	48.226	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	176880	37.473	ng	99
83) Chrysene	14.063	228	698414	49.530	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	523251	55.835	ng	99
85) Di-n-octyl phthalate	14.621	149	745913	54.179	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	622466	51.478	ng	100
88) Benzo(b)fluoranthene	15.074	252	593274	44.662	ng	100
89) Benzo(k)fluoranthene	15.104	252	584901	51.908	ng	100
90) Benzo(a)pyrene	15.439	252	552616	52.760	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	515189	51.369	ng	99
92) Benzo(g,h,i)perylene	17.427	276	467594	46.488	ng	99

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



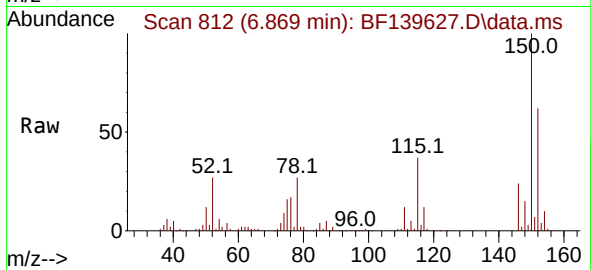
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

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BNA_F

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PB163843BSD

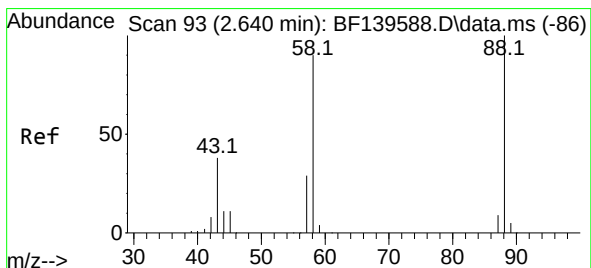
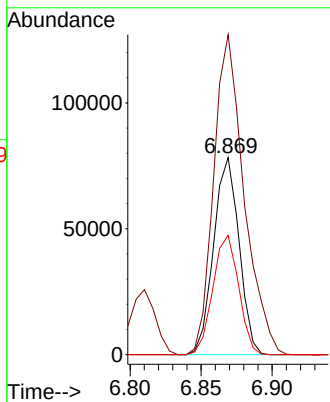
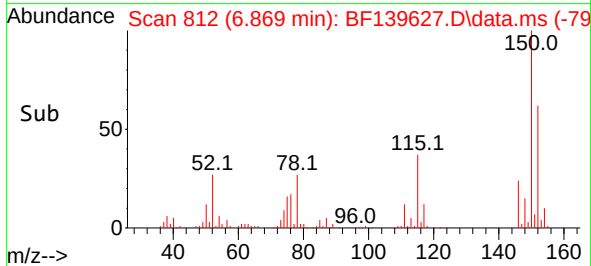


Tgt Ion:152 Resp: 97350
Ion Ratio Lower Upper
152 100
150 162.4 127.2 190.8
115 60.6 49.0 73.4

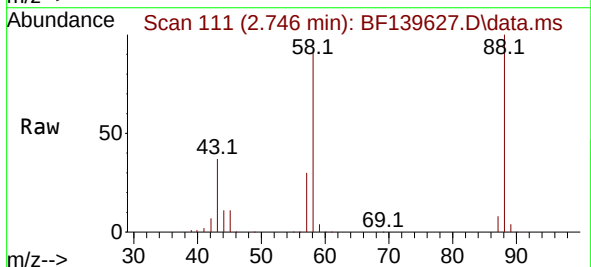
Manual Integrations

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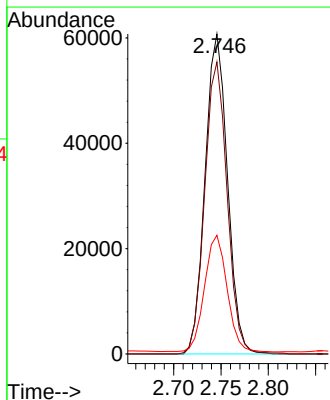
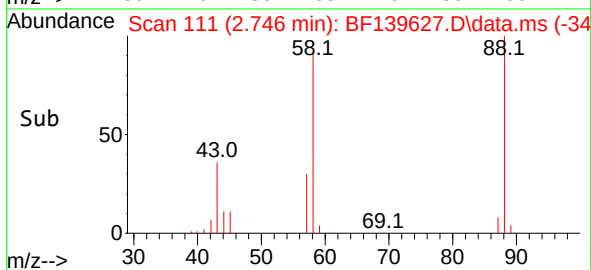
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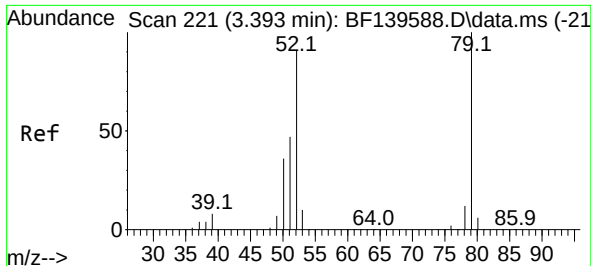


#2
1,4-Dioxane
Concen: 41.076 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.106 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion: 88 Resp: 99745
Ion Ratio Lower Upper
88 100
58 91.6 72.0 108.0
43 36.9 30.8 46.2





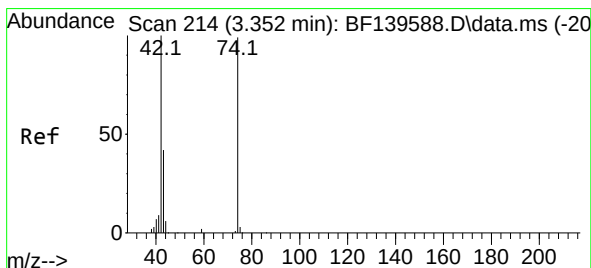
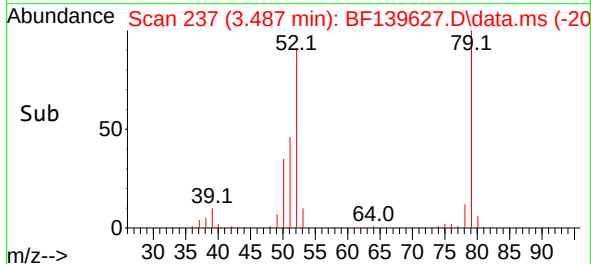
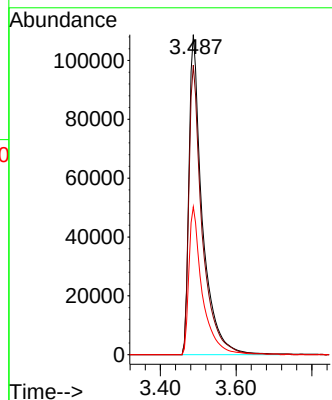
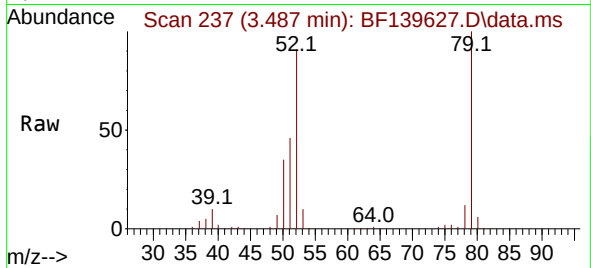
#3
Pyridine
Concen: 45.100 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB163843BSD

Tgt Ion: 79 Resp: 26635
Ion Ratio Lower Upper
79 100
52 90.5 72.6 109.0
51 46.2 37.5 56.3

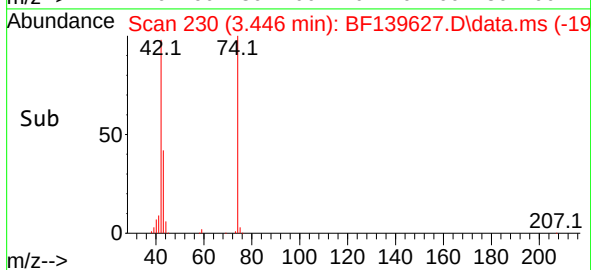
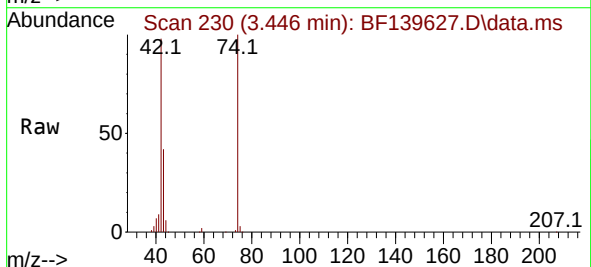
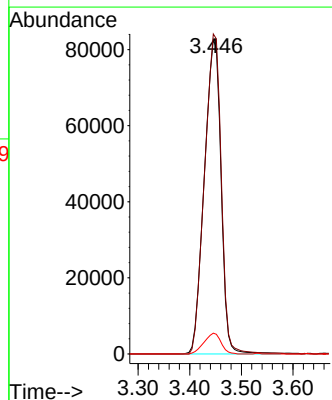
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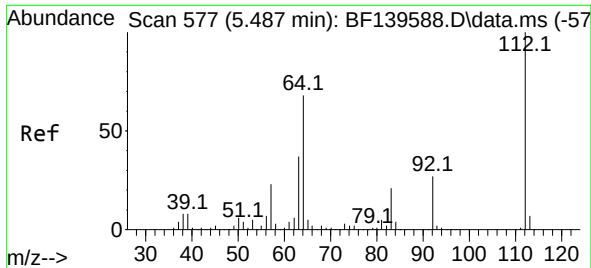
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#4
n-Nitrosodimethylamine
Concen: 48.011 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.094 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion: 42 Resp: 185596
Ion Ratio Lower Upper
42 100
74 101.8 79.0 118.6
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 136.632 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

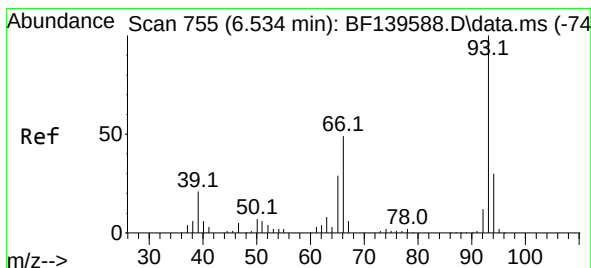
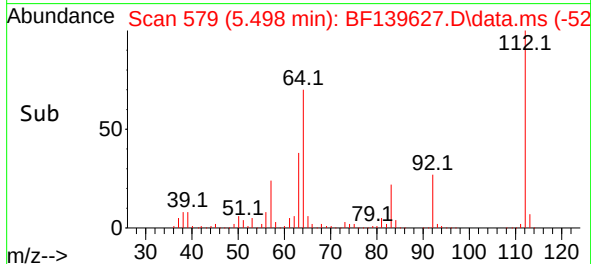
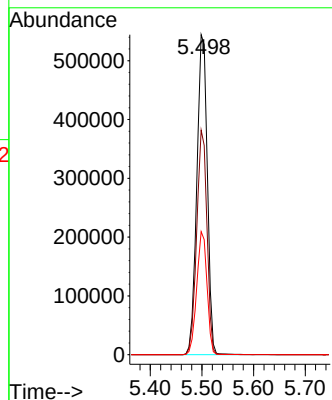
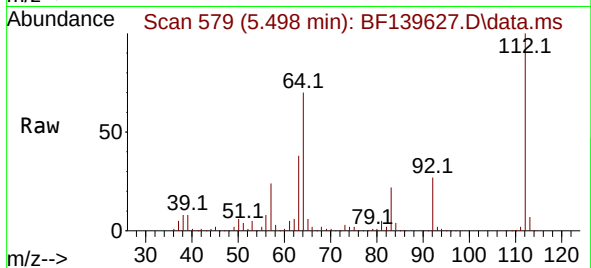
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Tgt Ion:112 Resp: 767414
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 38.4 29.4 44.2

Manual Integrations

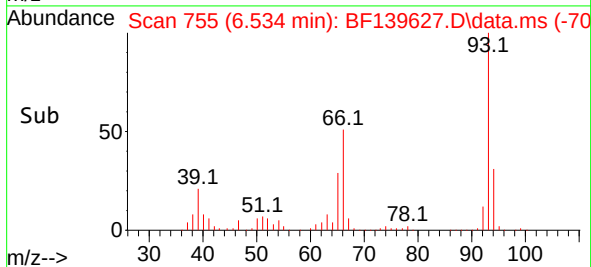
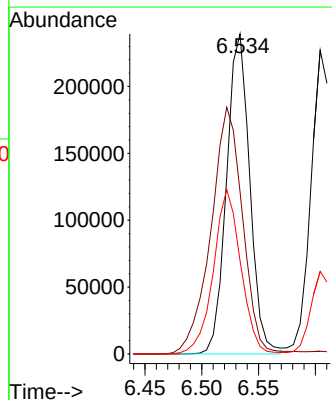
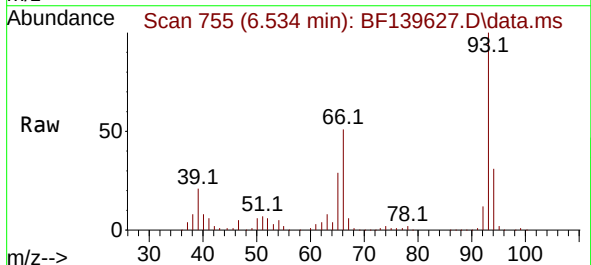
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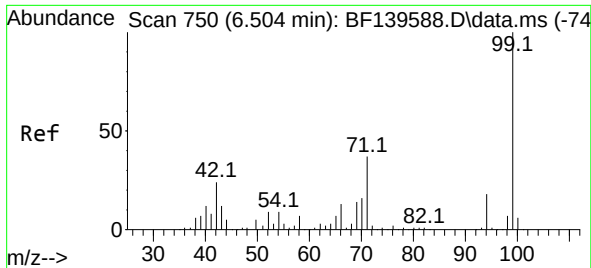
Reviewed By :Yogesh Patel 10/04/2024
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#6
Aniline
Concen: 50.727 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

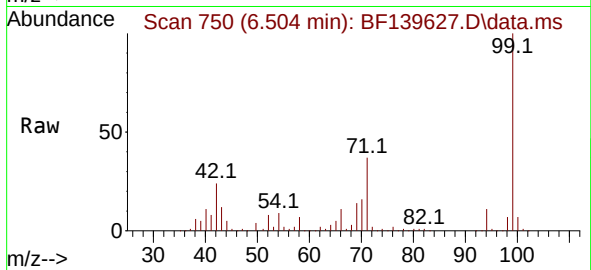
Tgt Ion: 93 Resp: 339994
Ion Ratio Lower Upper
93 100
66 50.7 40.9 61.3
65 29.1 23.3 34.9





#7
Phenol-d6
Concen: 137.664 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

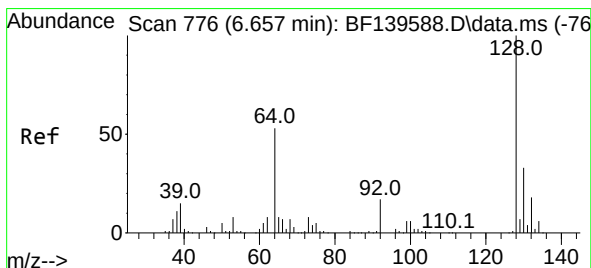
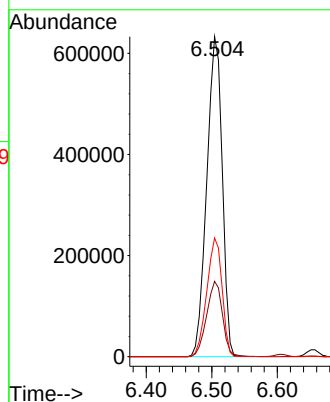
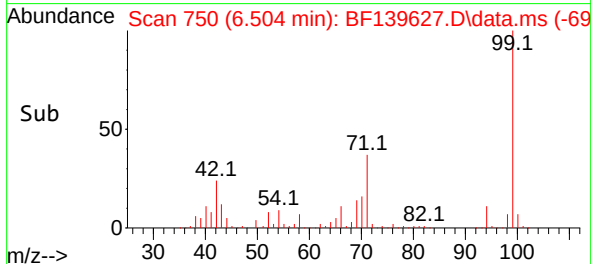
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Tgt Ion: 99 Resp: 103979
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.1 29.7 44.5

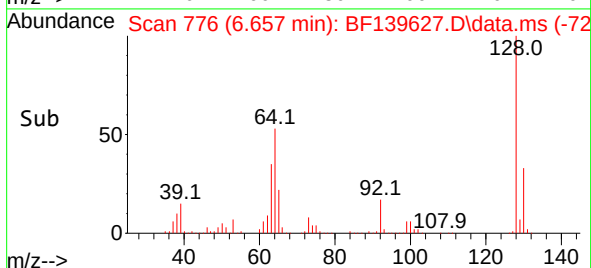
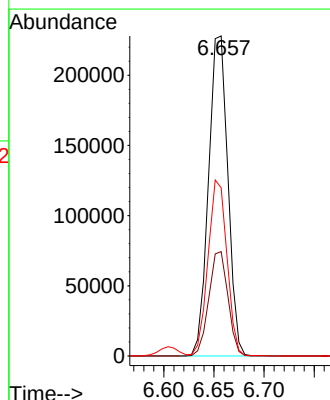
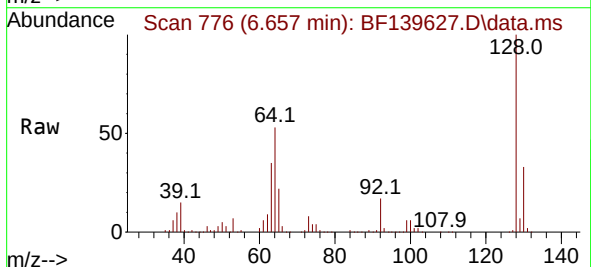
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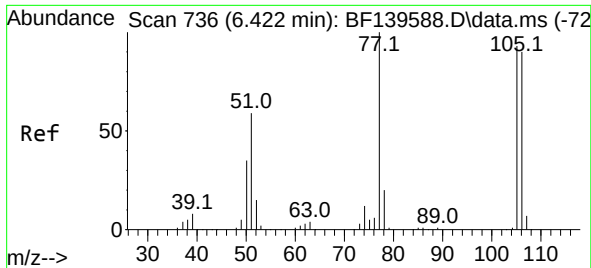
Reviewed By :Yogesh Patel 10/04/2024
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#8
2-Chlorophenol
Concen: 50.892 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139627.D
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Tgt Ion:128 Resp: 306246
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 52.5 35.1 75.1





#9

Benzaldehyde

Concen: 11.715 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

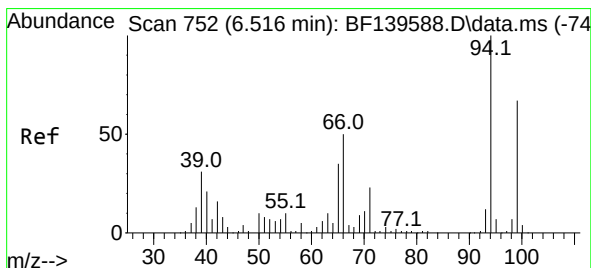
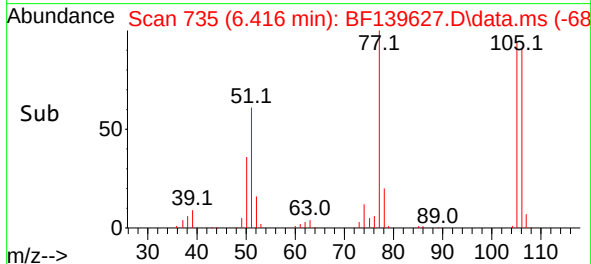
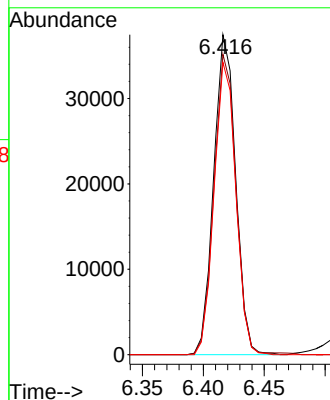
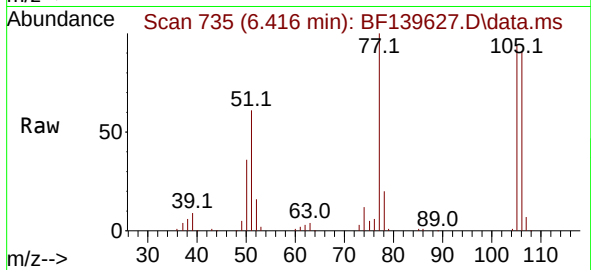
Tgt Ion: 77	Resp: 4687
Ion Ratio	Lower Upper
77 100	
105 93.8	72.7 112.7
106 91.4	70.1 110.1

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2024



#10

Phenol

Concen: 50.338 ng

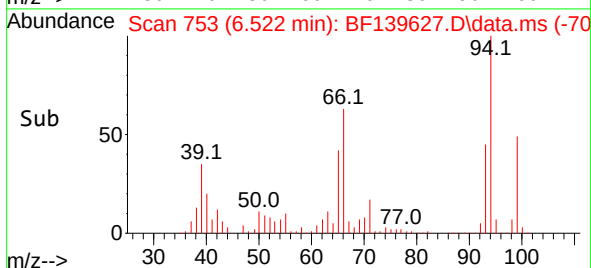
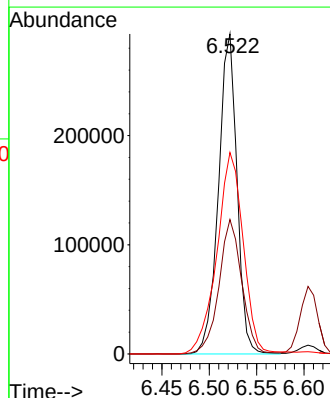
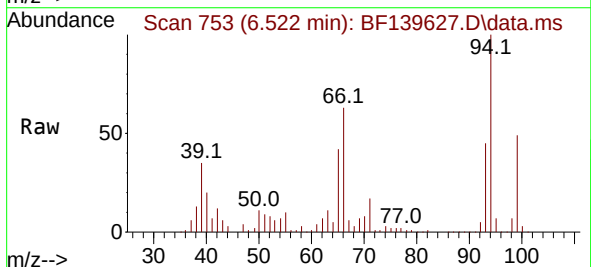
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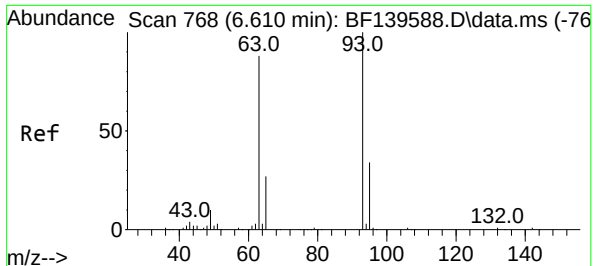
Delta R.T. 0.006 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Tgt Ion: 94	Resp: 399793
Ion Ratio	Lower Upper
94 100	
65 42.0	15.3 55.3
66 63.0	30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 46.069 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

Tgt Ion: 93 Resp: 29791

Ion Ratio Lower Upper

93 100

63 85.6 64.1 104.1

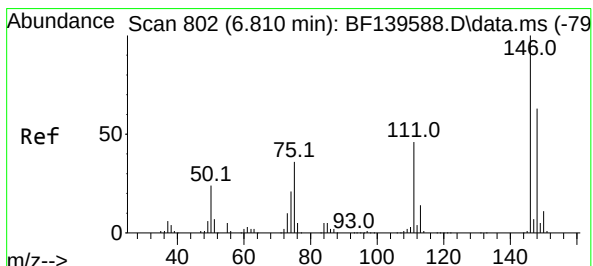
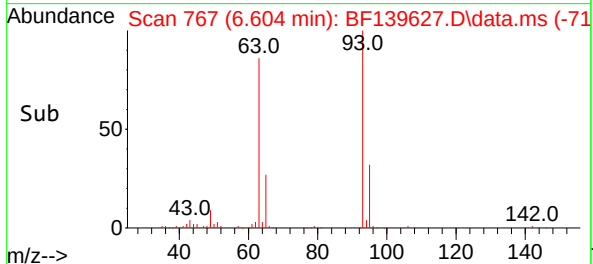
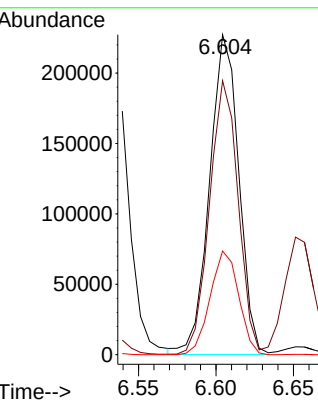
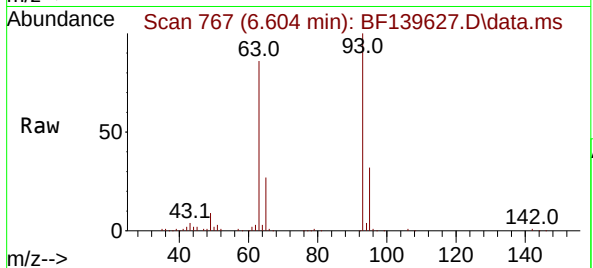
95 32.4 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#12

1,3-Dichlorobenzene

Concen: 45.533 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

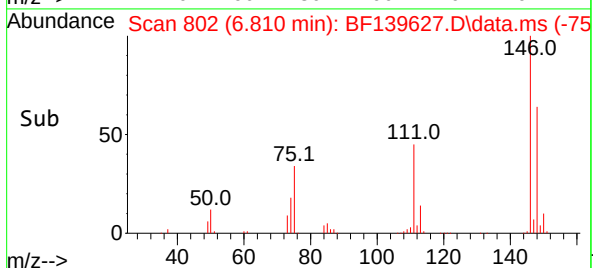
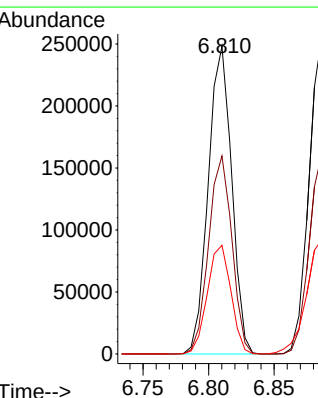
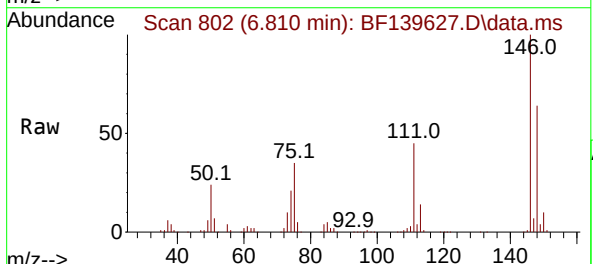
Tgt Ion:146 Resp: 308236

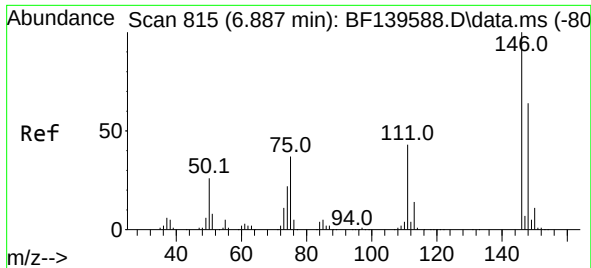
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.4

75 35.3 28.5 42.7





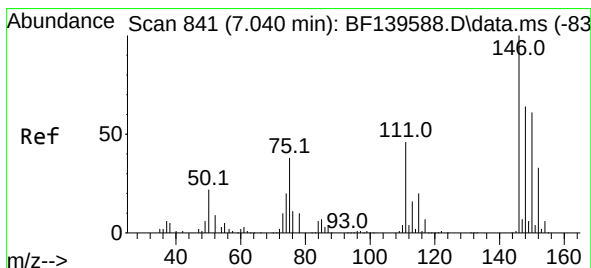
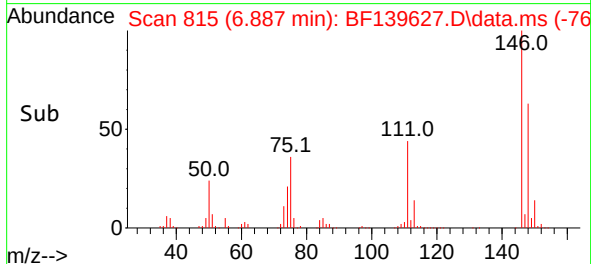
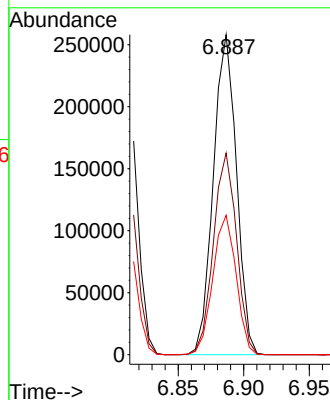
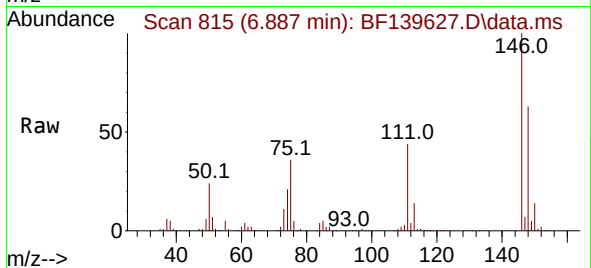
#13
1,4-Dichlorobenzene
Concen: 46.174 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB163843BSD

Tgt Ion:146 Resp: 31658
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 43.6 34.9 52.3

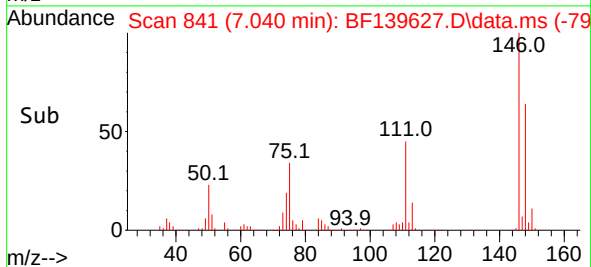
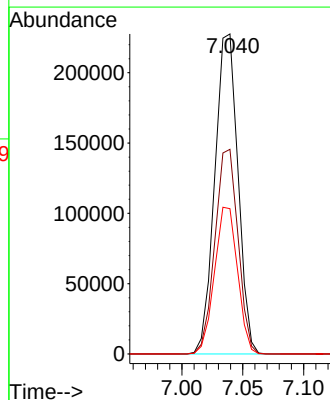
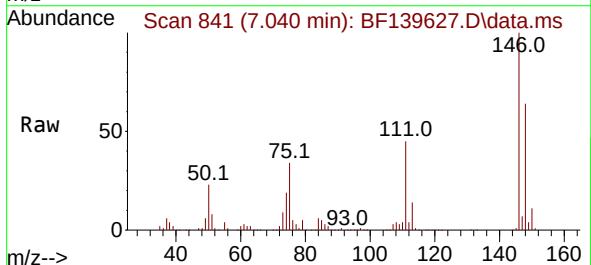
Manual Integrations
APPROVED

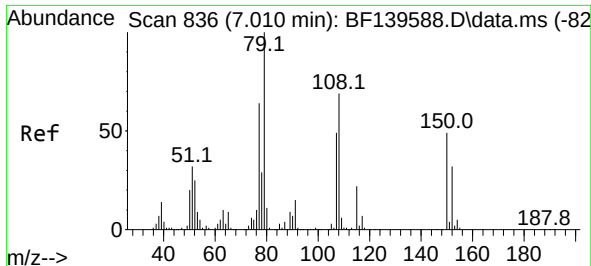
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#14
1,2-Dichlorobenzene
Concen: 46.966 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

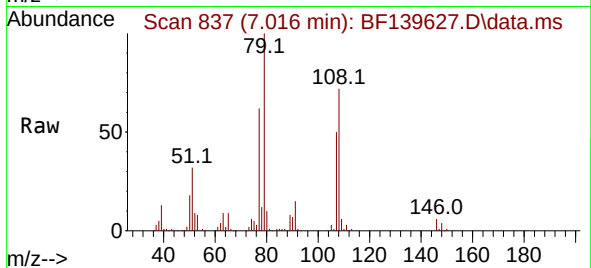
Tgt Ion:146 Resp: 301796
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 45.4 37.0 55.6





#15
Benzyl Alcohol
Concen: 51.401 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

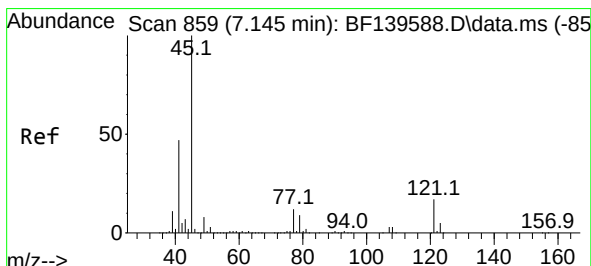
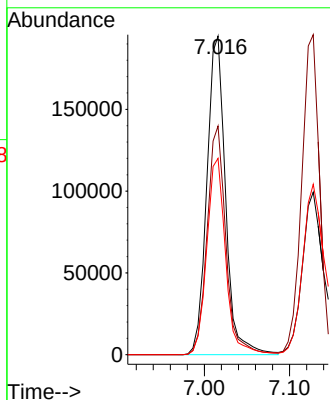
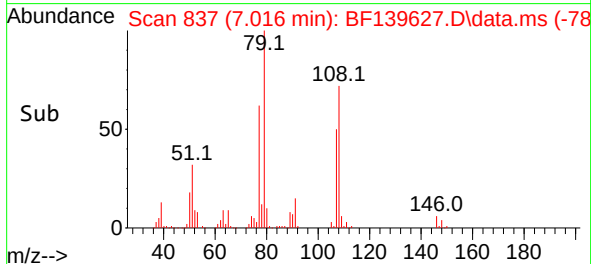
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



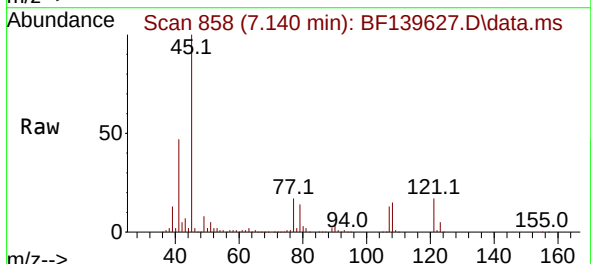
Tgt Ion: 79 Resp: 296638
Ion Ratio Lower Upper
79 100
108 71.7 55.1 82.7
77 61.6 50.8 76.2

Manual Integrations
APPROVED

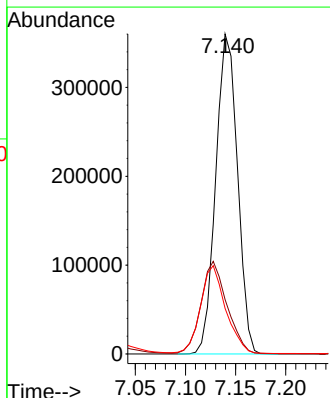
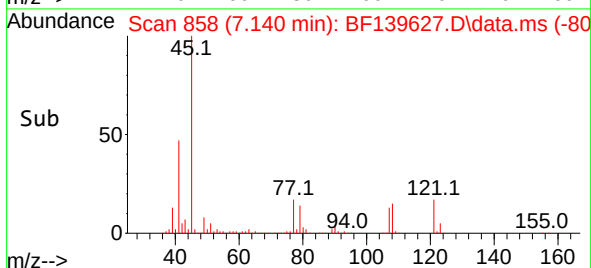
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

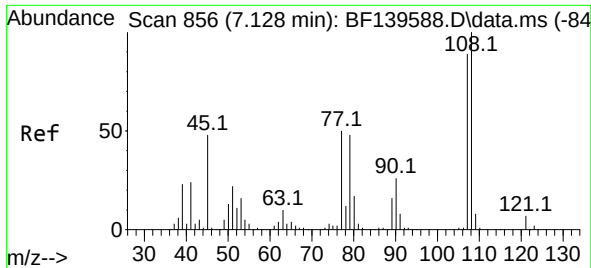


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.469 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion: 45 Resp: 542607
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.5
79 14.3 0.0 29.7





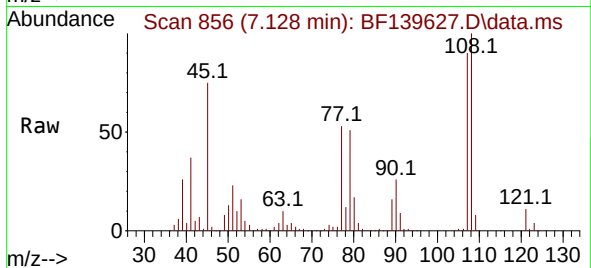
#17
2-Methylphenol
Concen: 50.545 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

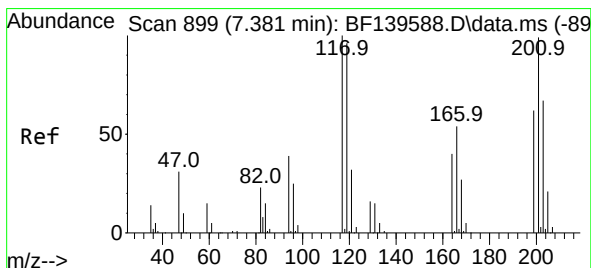
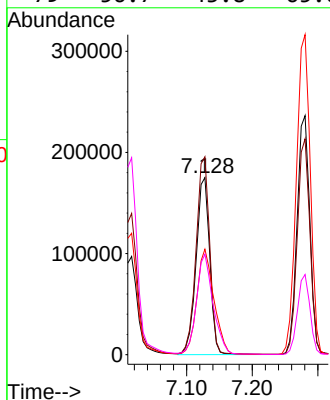
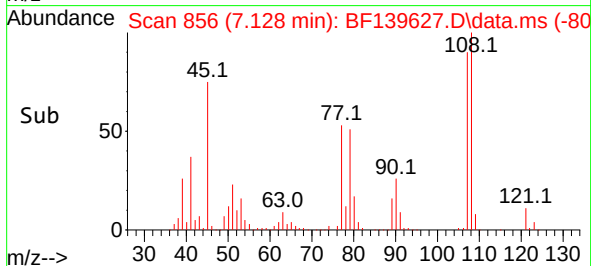


Tgt Ion:107 Resp: 253920
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.6
77 59.5 44.6 67.0
79 56.7 43.8 65.6

Manual Integrations

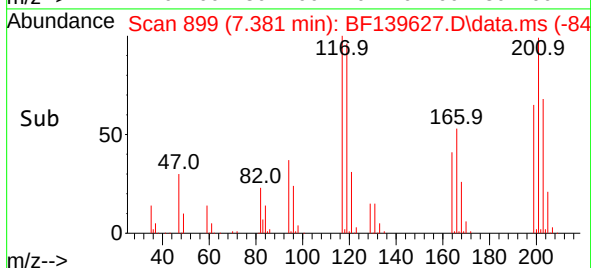
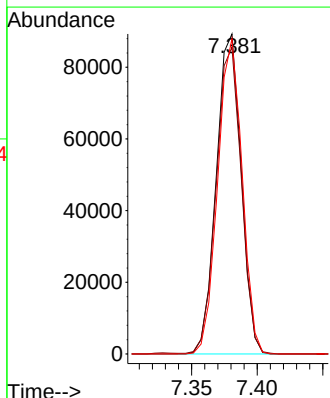
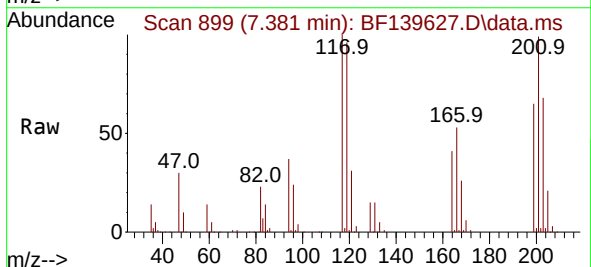
APPROVED

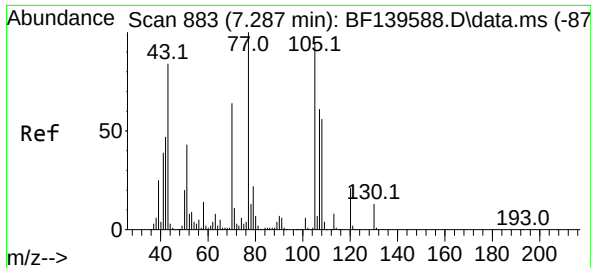
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#18
Hexachloroethane
Concen: 46.059 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:117 Resp: 117788
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6
201 98.5 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.643 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

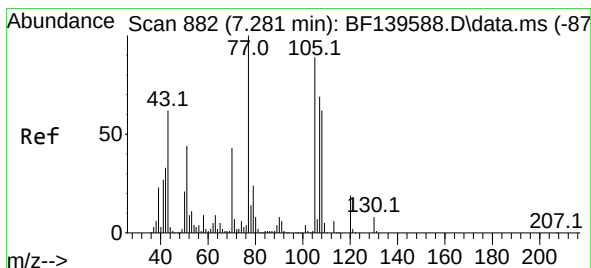
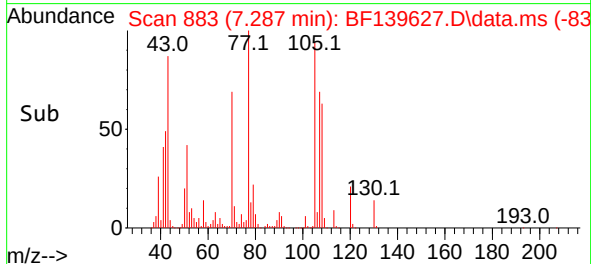
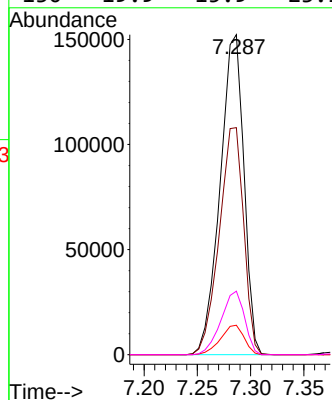
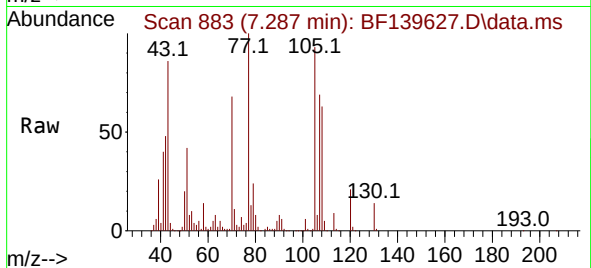
PB163843BSD

Tgt Ion: 70 Resp: 236210
Ion Ratio Lower Upper
70 100
42 71.0 58.0 87.0
101 9.2 7.8 11.8
130 19.9 15.9 23.9

Manual Integrations

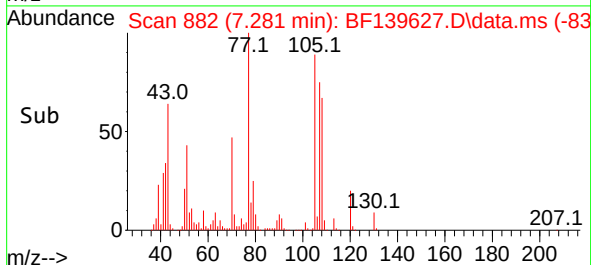
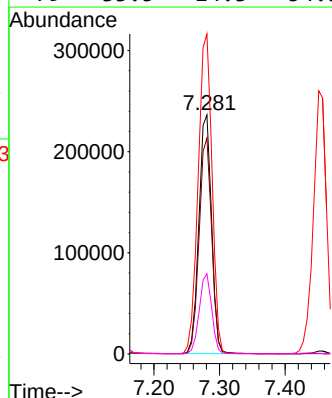
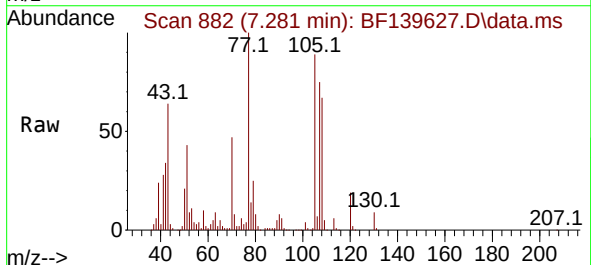
APPROVED

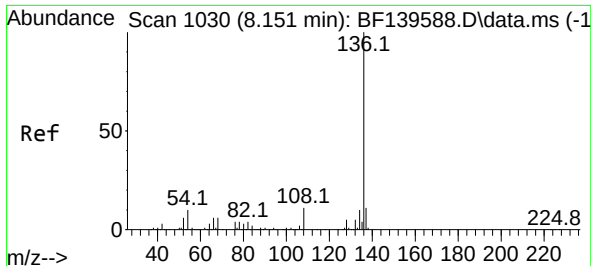
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#20
3+4-Methylphenols
Concen: 50.398 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:107 Resp: 318007
Ion Ratio Lower Upper
107 100
108 90.3 70.2 110.2
77 133.8 125.3 165.3
79 33.5 14.3 54.3





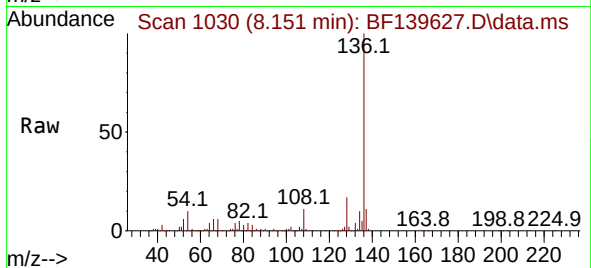
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



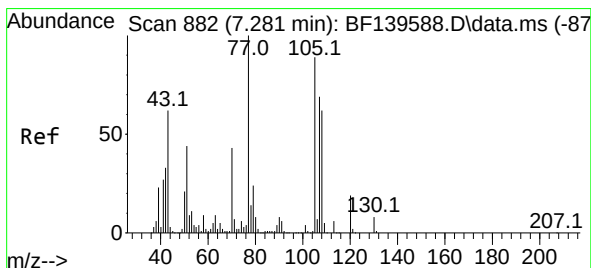
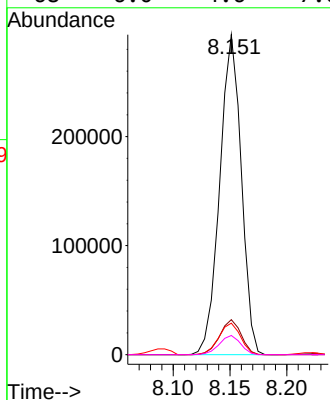
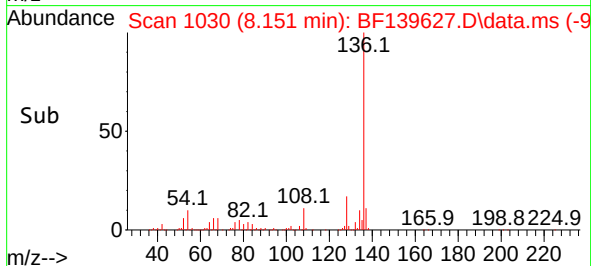
Tgt Ion:136 Resp: 387528
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

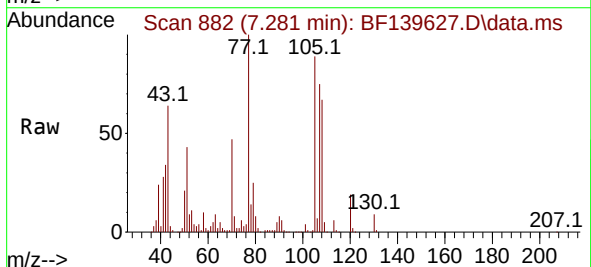
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

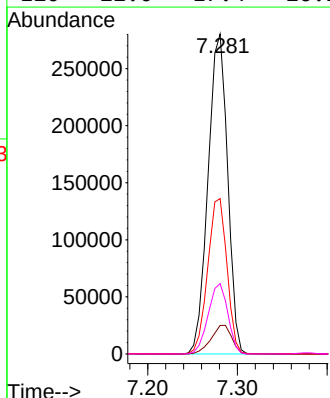
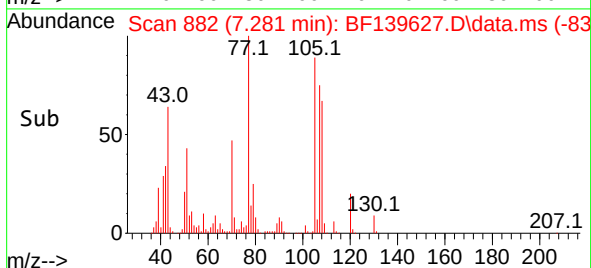
Supervised By :mohammad ahmed 10/05/2024

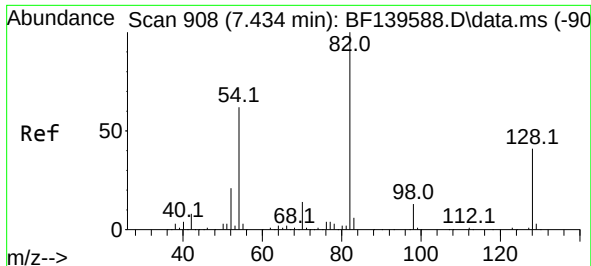


#22
Acetophenone
Concen: 46.085 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:105 Resp: 423924
Ion Ratio Lower Upper
105 100
71 8.9 6.6 10.0
51 48.6 39.4 59.0
120 22.0 17.4 26.2





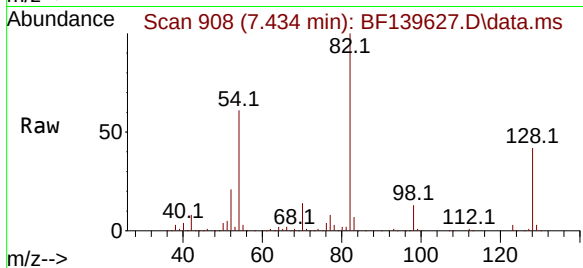
#23
Nitrobenzene-d5
Concen: 89.746 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

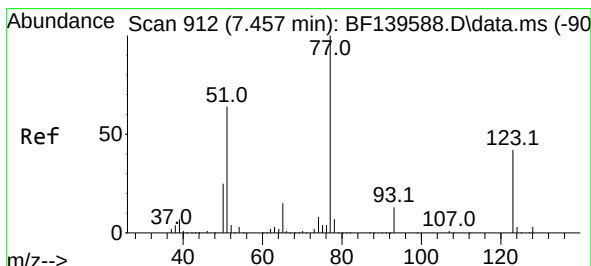
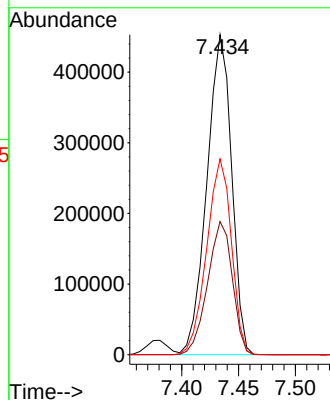
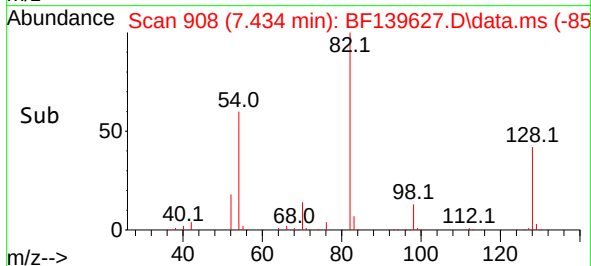


Tgt Ion: 82 Resp: 686924
Ion Ratio Lower Upper
82 100
128 41.6 32.4 48.6
54 61.2 49.1 73.7

Manual Integrations

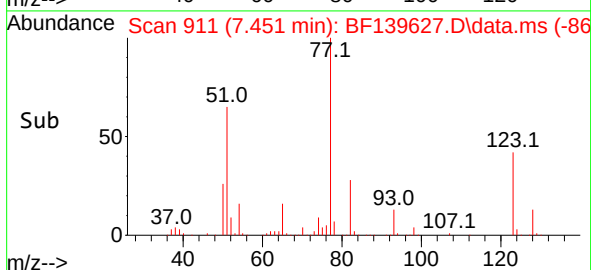
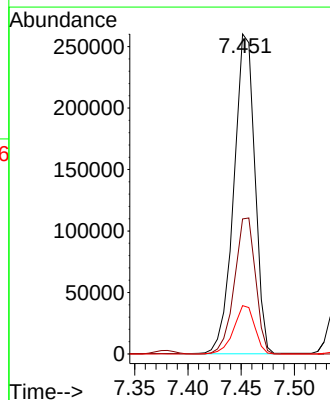
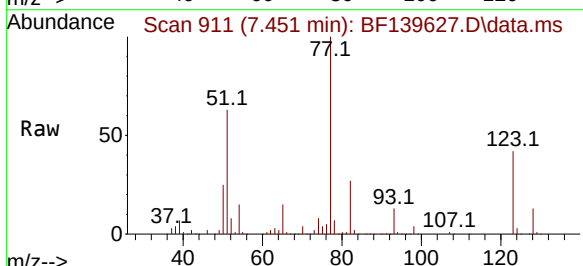
APPROVED

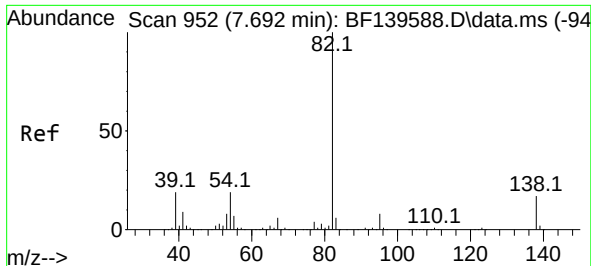
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#24
Nitrobenzene
Concen: 45.302 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

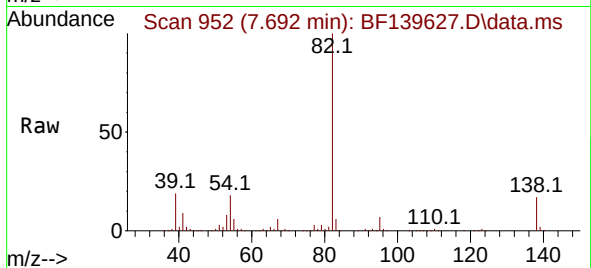
Tgt Ion: 77 Resp: 359057
Ion Ratio Lower Upper
77 100
123 42.2 34.2 51.4
65 15.1 12.1 18.1





#25
Isophorone
Concen: 47.822 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

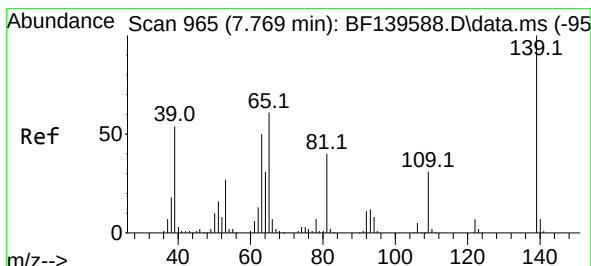
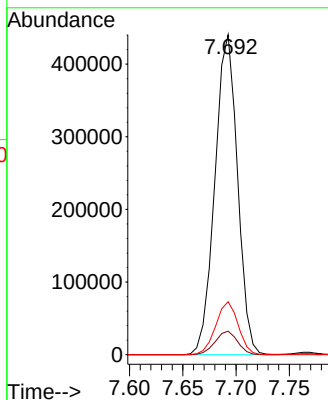
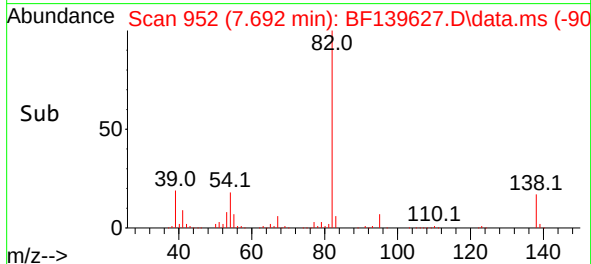
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



Tgt Ion: 82 Resp: 65011
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.5 13.4 20.2

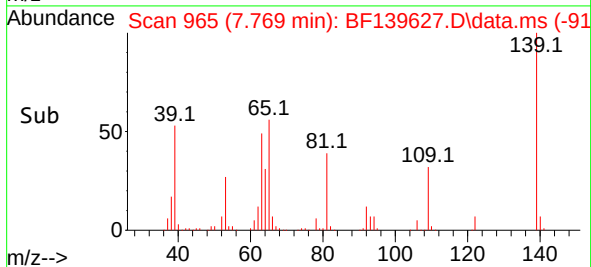
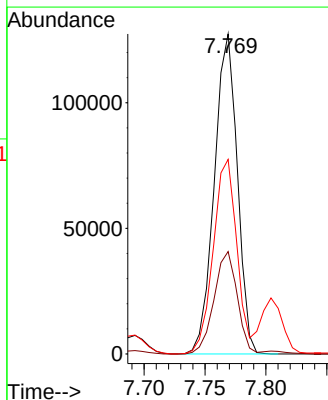
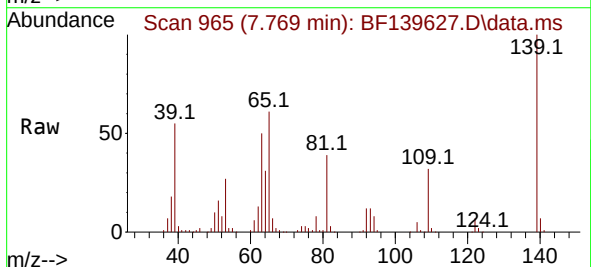
Manual Integrations
APPROVED

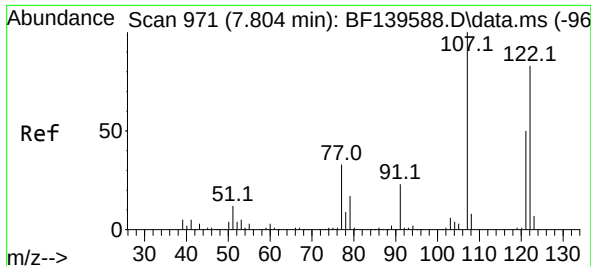
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#26
2-Nitrophenol
Concen: 49.159 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:139 Resp: 167499
Ion Ratio Lower Upper
139 100
109 32.0 24.9 37.3
65 60.8 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 60.043 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

Tgt Ion:122 Resp: 250449

Ion Ratio Lower Upper

122 100

107 118.1 95.4 143.0

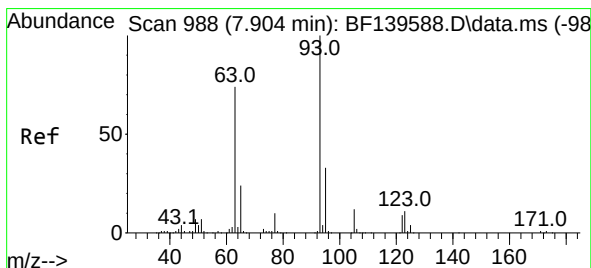
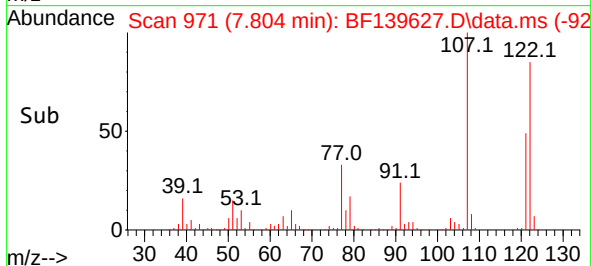
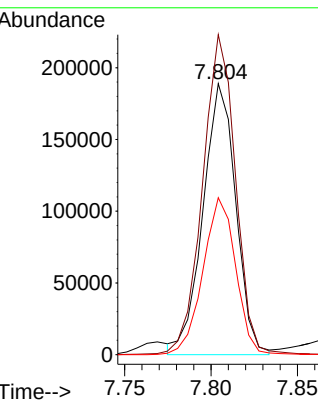
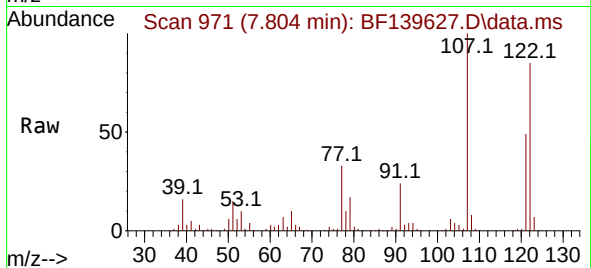
121 57.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.474 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

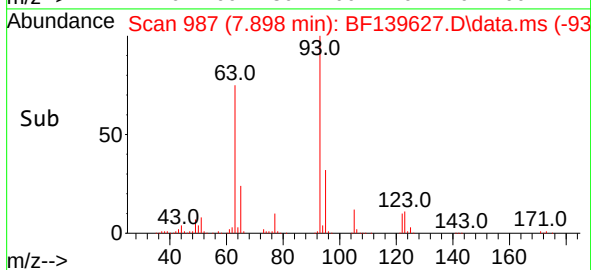
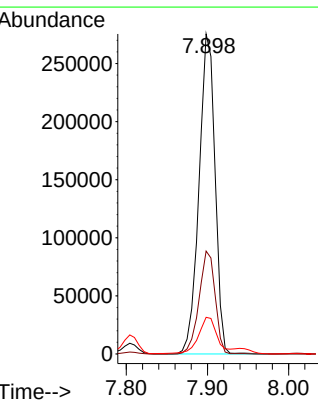
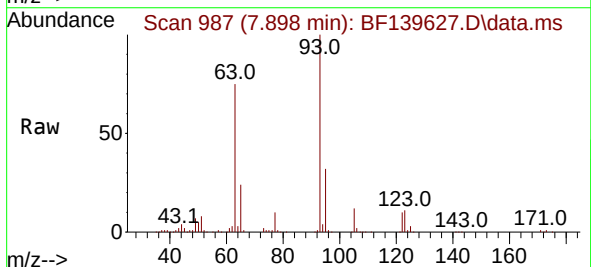
Tgt Ion: 93 Resp: 377272

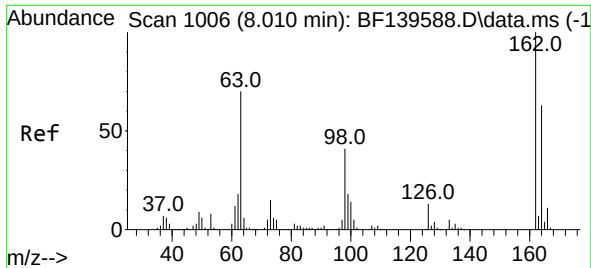
Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.140 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139627.D

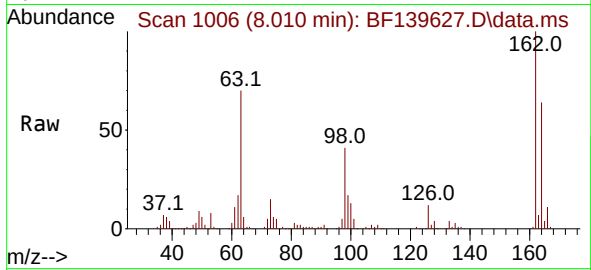
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



Tgt Ion:162 Resp: 26735

Ion Ratio Lower Upper

162 100

164 64.3 43.1 83.1

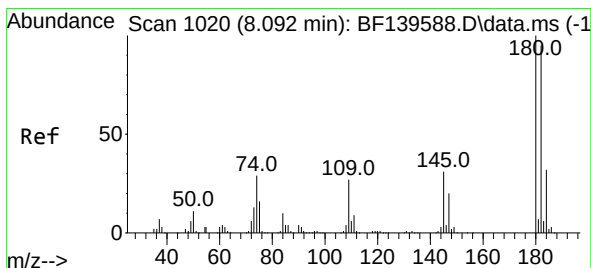
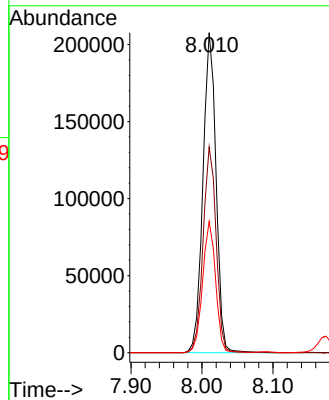
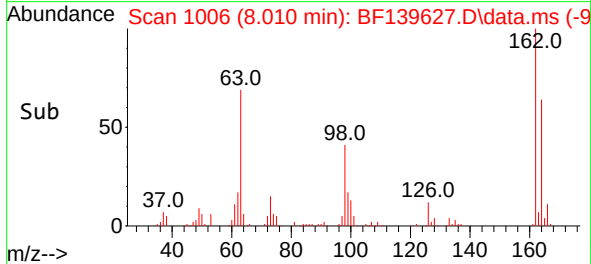
98 41.0 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.559 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

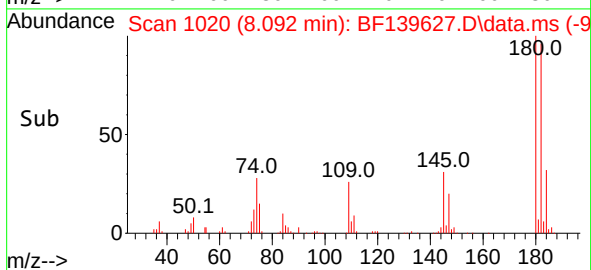
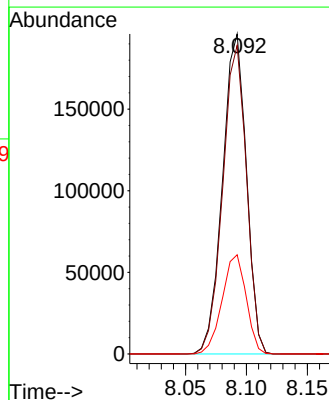
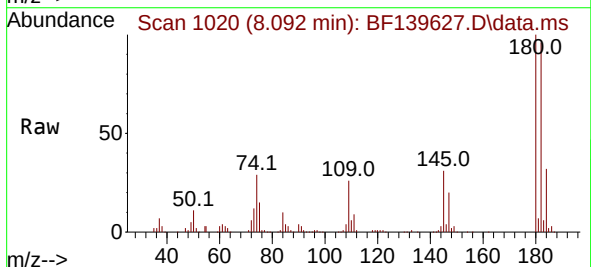
Tgt Ion:180 Resp: 268015

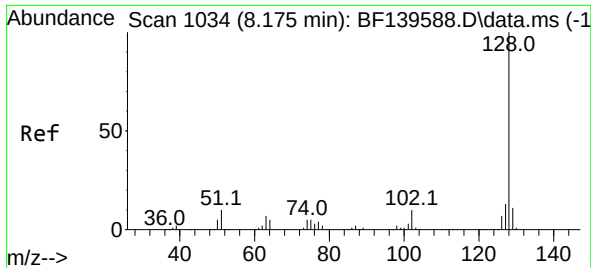
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

145 31.0 25.0 37.6





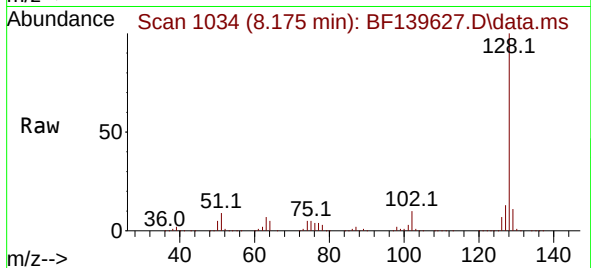
#31
Naphthalene
Concen: 45.715 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



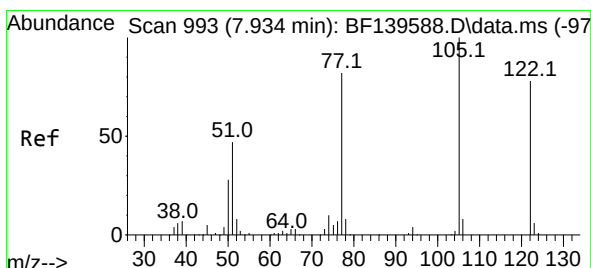
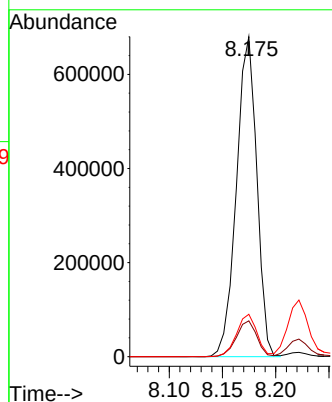
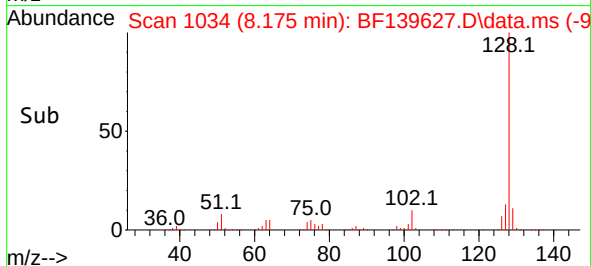
Tgt Ion:128 Resp: 905794
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7

Manual Integrations

APPROVED

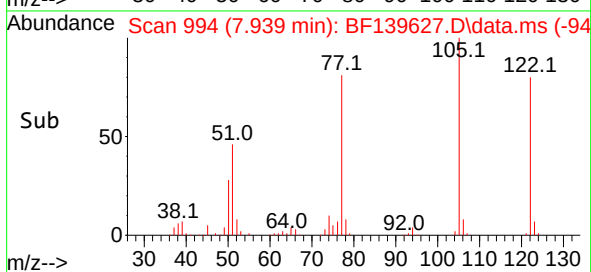
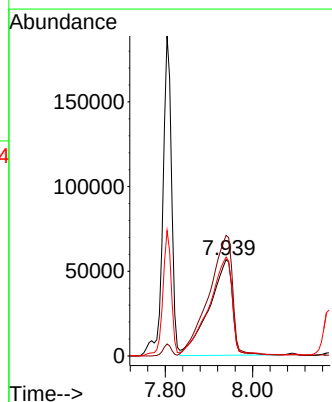
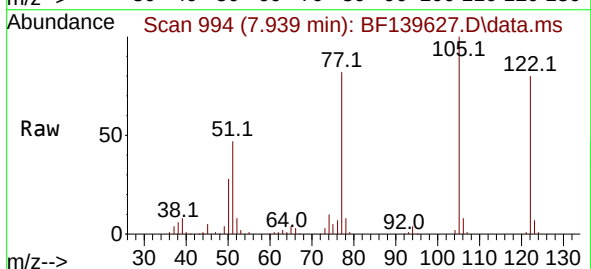
Reviewed By :Yogesh Patel 10/04/2024

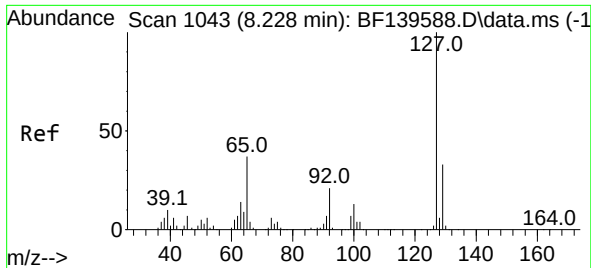
Supervised By :mohammad ahmed 10/05/2024



#32
Benzoic acid
Concen: 50.324 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:122 Resp: 208727
Ion Ratio Lower Upper
122 100
105 125.3 104.9 144.9
77 102.7 82.7 122.7





#33
4-Chloroaniline
Concen: 26.540 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

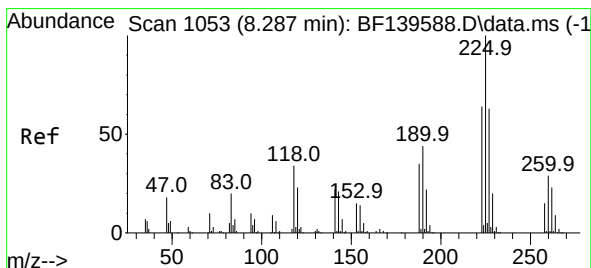
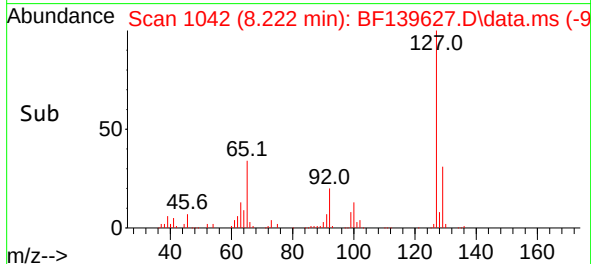
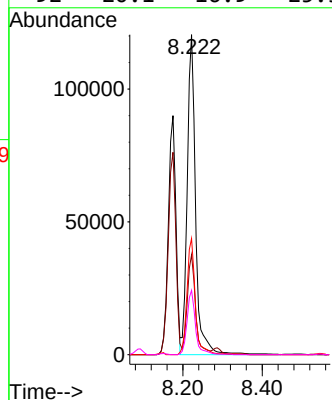
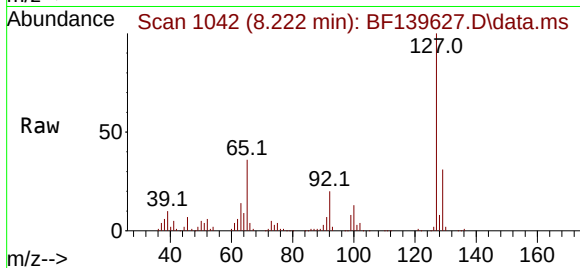
Tgt Ion:127 Resp: 177999
Ion Ratio Lower Upper
127 100
129 31.2 26.2 39.4
65 36.3 29.3 43.9
92 20.1 16.9 25.3

Manual Integrations

APPROVED

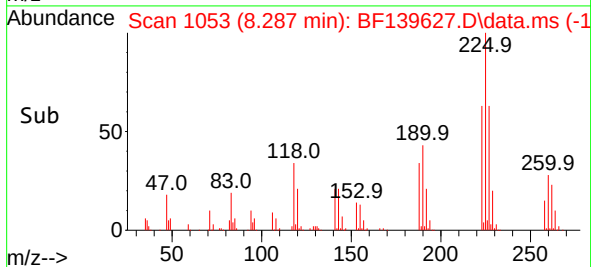
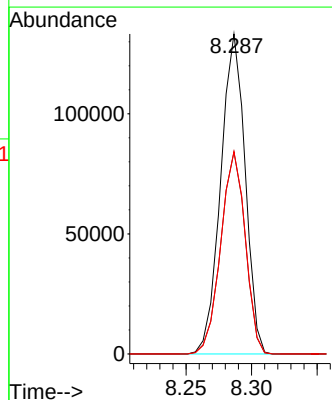
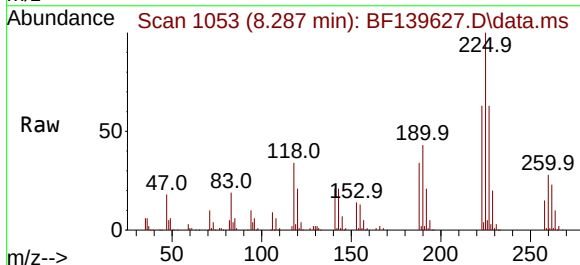
Reviewed By :Yogesh Patel 10/04/2024

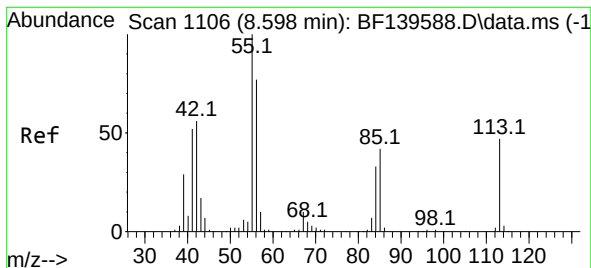
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 43.327 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:225 Resp: 172517
Ion Ratio Lower Upper
225 100
223 63.1 50.9 76.3
227 63.2 50.7 76.1





#35

Caprolactam

Concen: 50.666 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

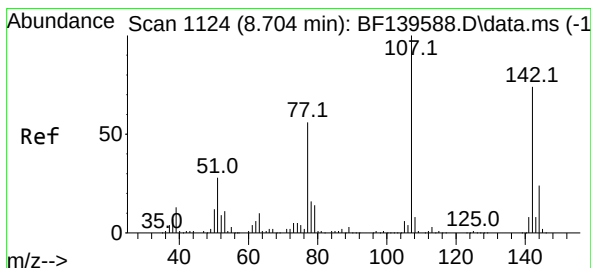
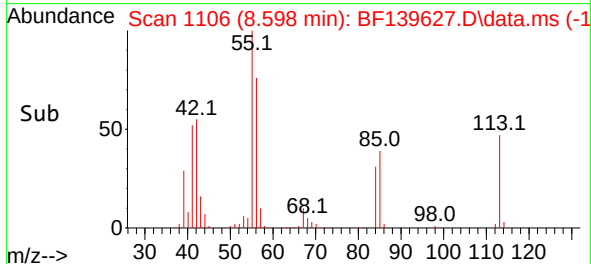
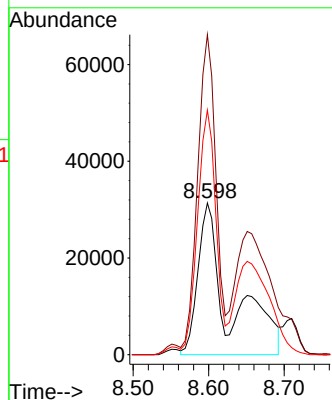
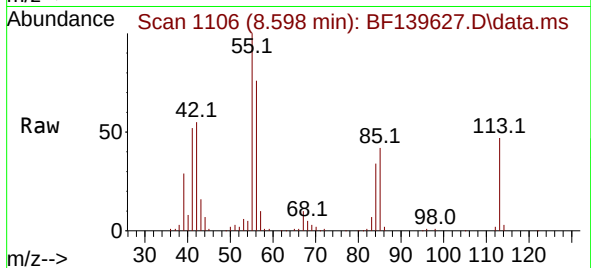
Tgt Ion:	113	Resp:	9041
Ion Ratio	Lower	Upper	
113	100		
55	211.0	193.4	233.4
56	161.3	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#36

4-Chloro-3-methylphenol

Concen: 49.529 ng

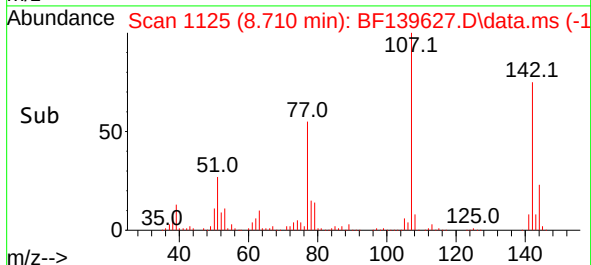
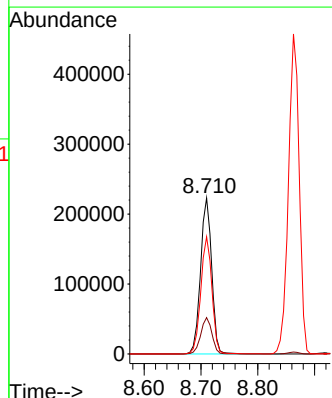
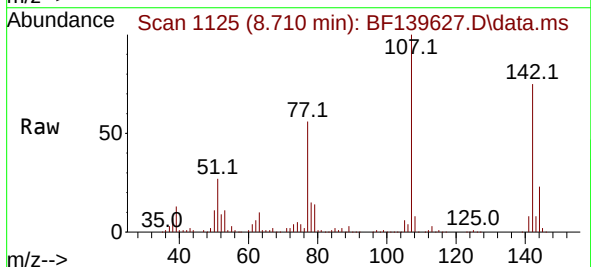
RT: 8.710 min Scan# 1125

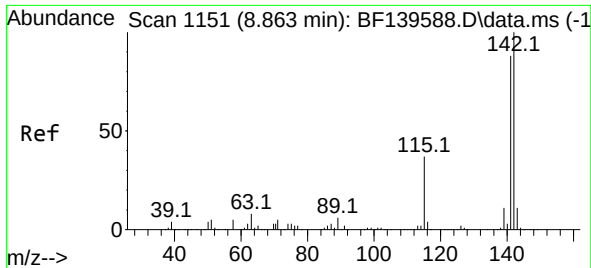
Delta R.T. 0.006 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Tgt Ion:	107	Resp:	305043
Ion Ratio	Lower	Upper	
107	100		
144	23.2	19.0	28.6
142	75.0	59.2	88.8





#37

2-Methylnaphthalene

Concen: 46.707 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

Tgt Ion:142 Resp: 602734

Ion Ratio Lower Upper

142 100

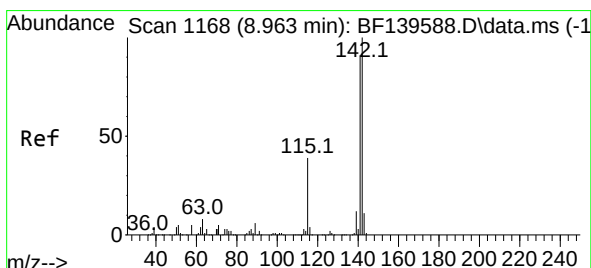
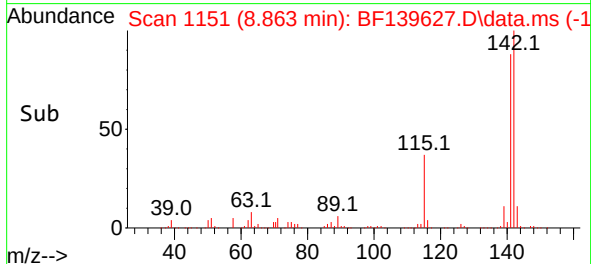
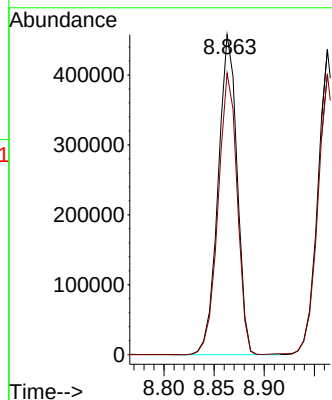
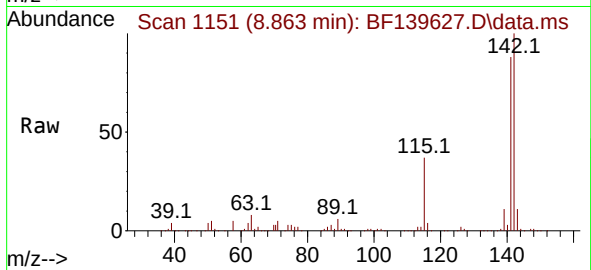
141 87.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#38

1-Methylnaphthalene

Concen: 44.825 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139627.D

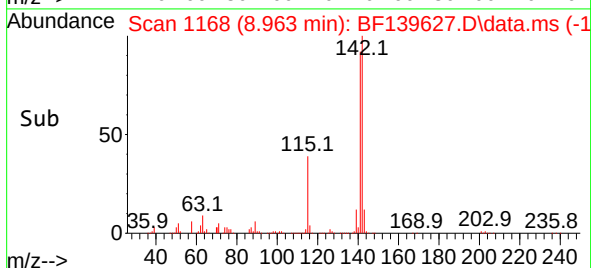
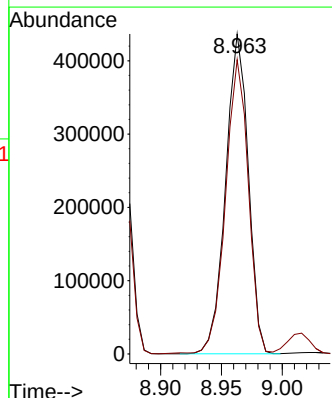
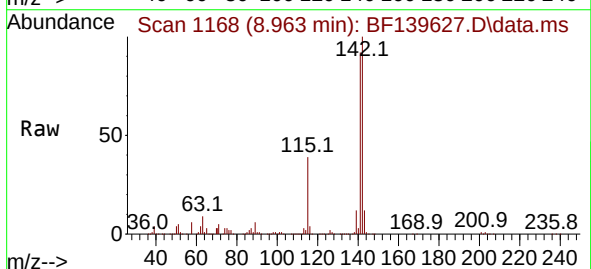
Acq: 03 Oct 2024 13:12

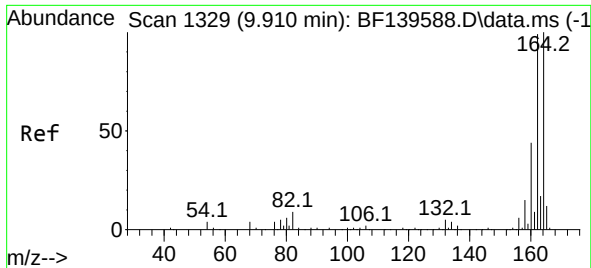
Tgt Ion:142 Resp: 565417

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.4





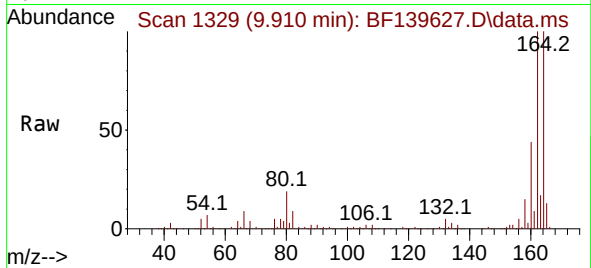
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

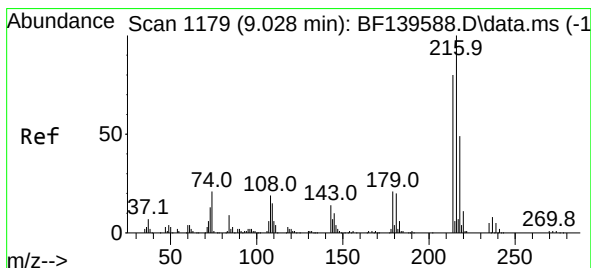
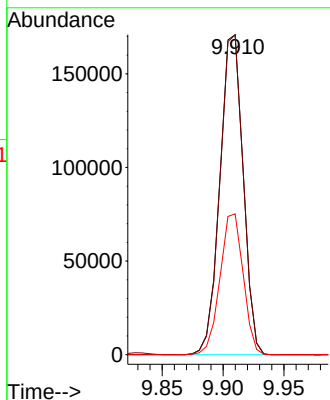
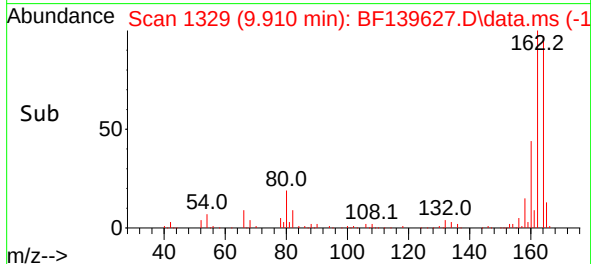


Tgt Ion:164 Resp: 227394
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.0 35.1 52.7

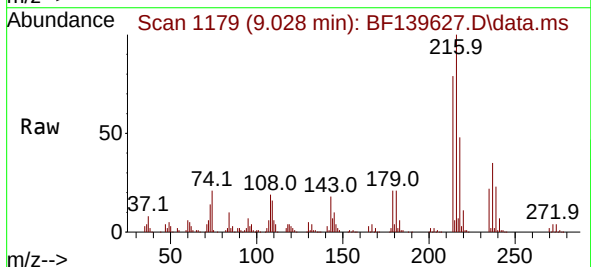
Manual Integrations

APPROVED

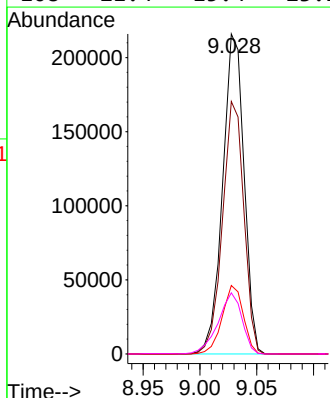
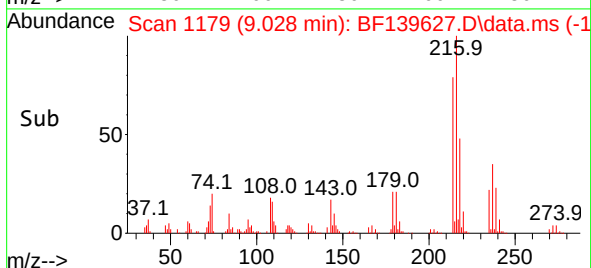
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

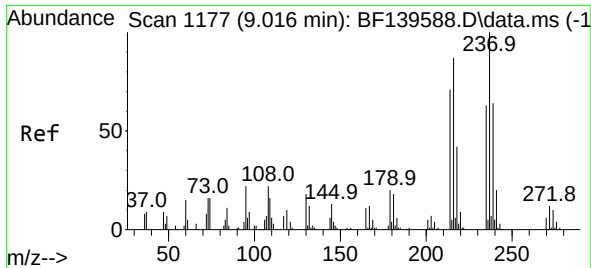


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.794 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:216 Resp: 282849
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.2 16.9 25.3
108 21.4 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 167.541 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

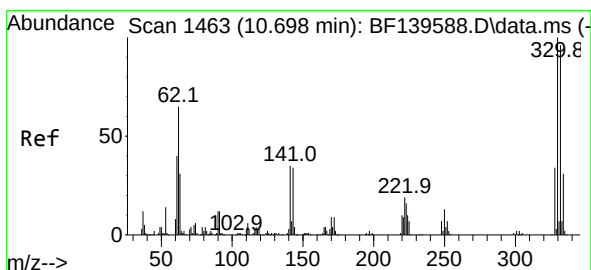
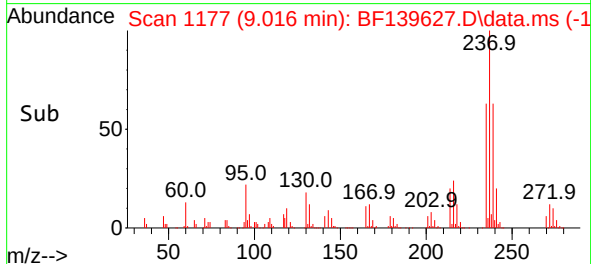
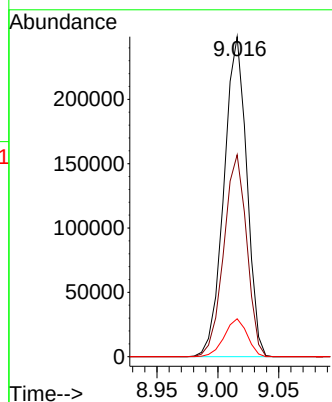
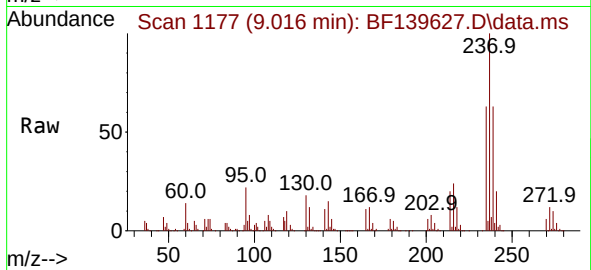
PB163843BSD

Tgt Ion:237 Resp: 324380
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 11.8 0.0 32.1

Manual Integrations

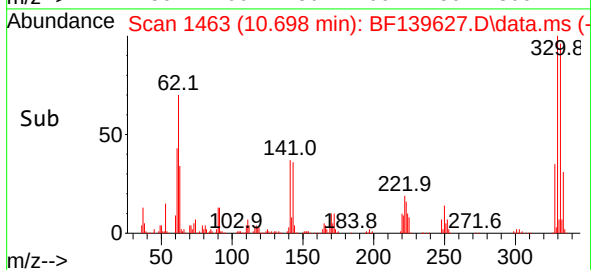
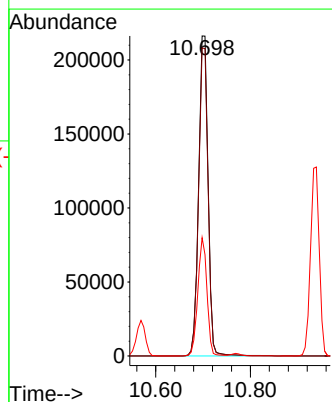
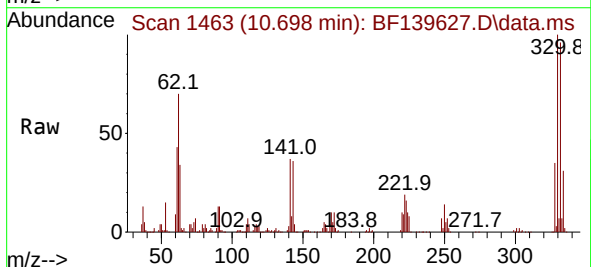
APPROVED

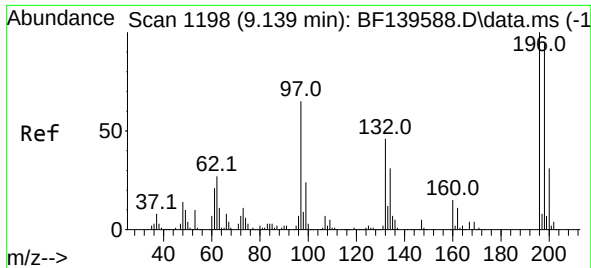
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,6-Tribromophenol
Concen: 136.711 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

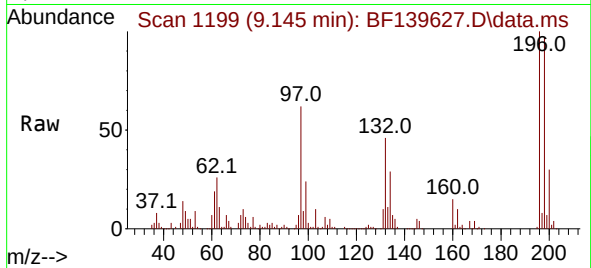
Tgt Ion:330 Resp: 300097
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 35.7 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 47.995 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

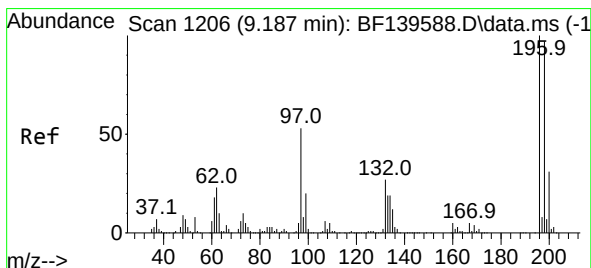
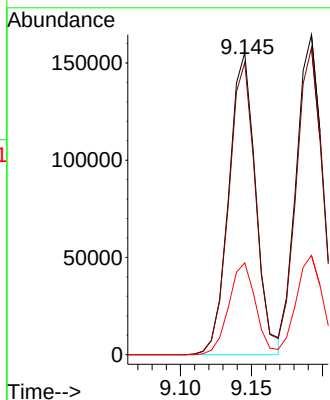
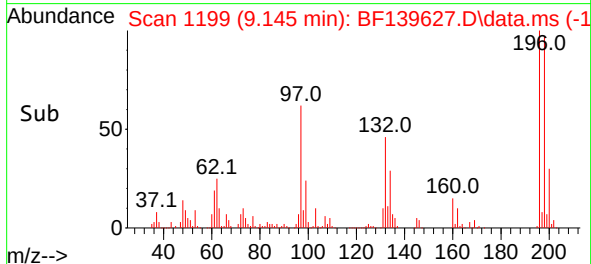
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



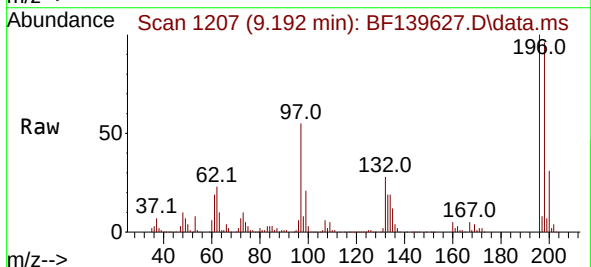
Tgt Ion:196 Resp: 20430
Ion Ratio Lower Upper
196 100
198 96.8 75.2 112.8
200 30.4 24.6 37.0

Manual Integrations
APPROVED

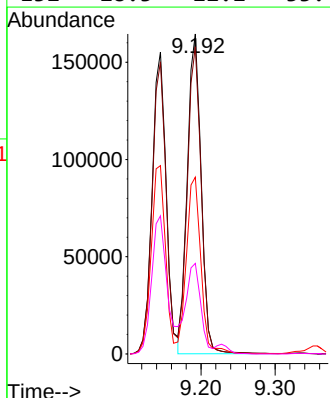
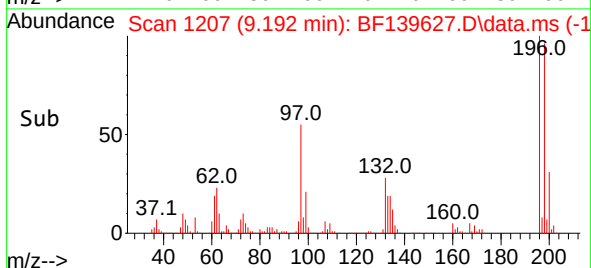
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

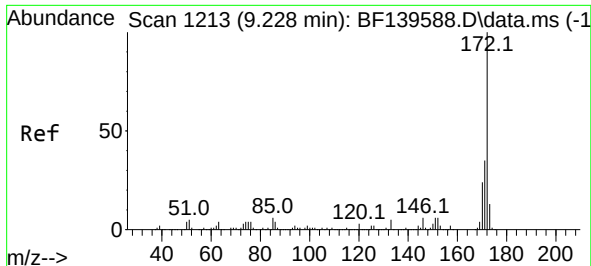


#44
2,4,5-Trichlorophenol
Concen: 46.648 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:196 Resp: 214138
Ion Ratio Lower Upper
196 100
198 96.0 77.5 116.3
97 55.3 43.1 64.7
132 28.3 22.2 33.4





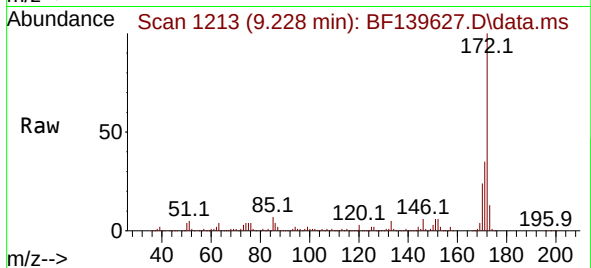
#45
2-Fluorobiphenyl
Concen: 87.266 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



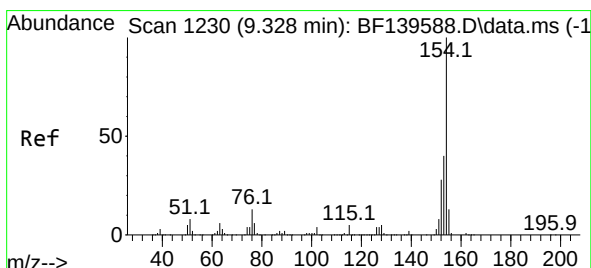
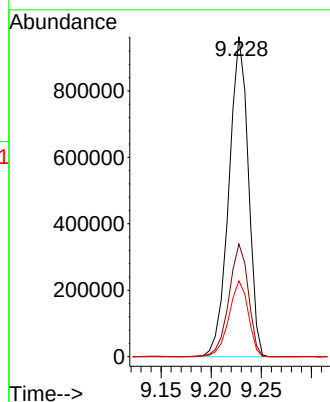
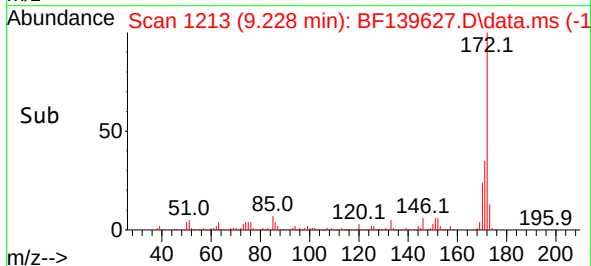
Tgt Ion:172 Resp: 129259
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.7 18.8 28.2

Manual Integrations

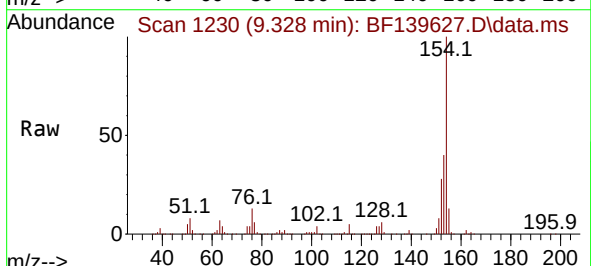
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

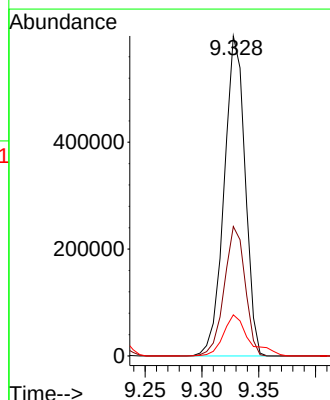
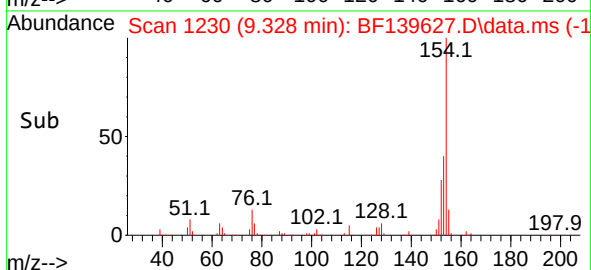
Supervised By :mohammad ahmed 10/05/2024

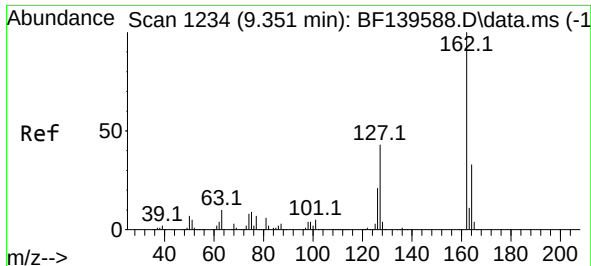


#46
1,1'-Biphenyl
Concen: 45.388 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



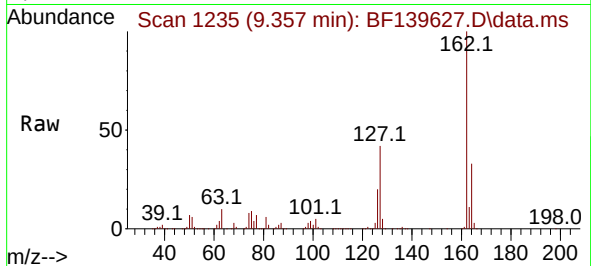
Tgt Ion:154 Resp: 767631
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.8 0.0 32.6





#47
2-Chloronaphthalene
Concen: 45.086 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

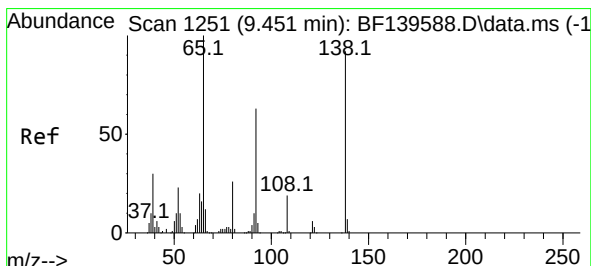
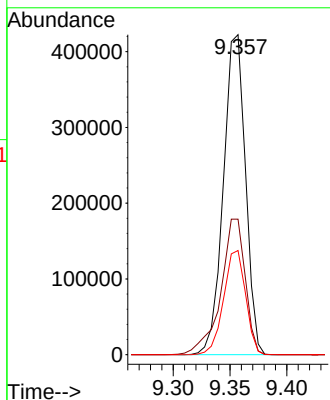
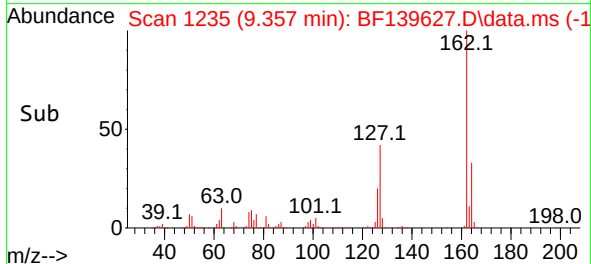
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



Tgt Ion:162 Resp: 57164
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.6 26.1 39.1

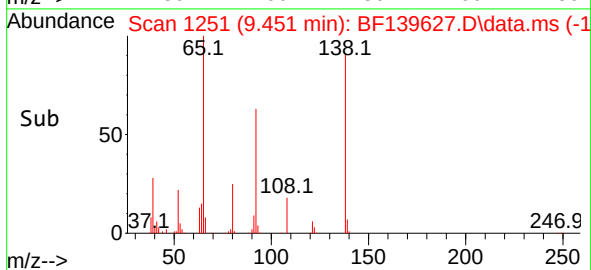
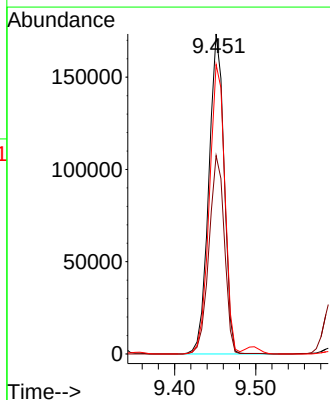
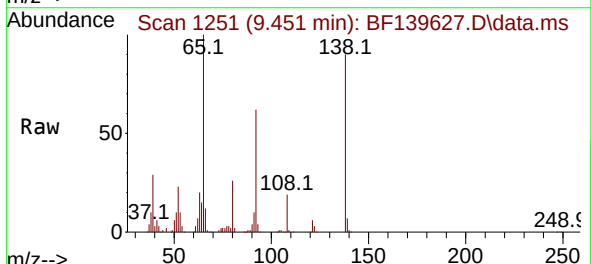
Manual Integrations
APPROVED

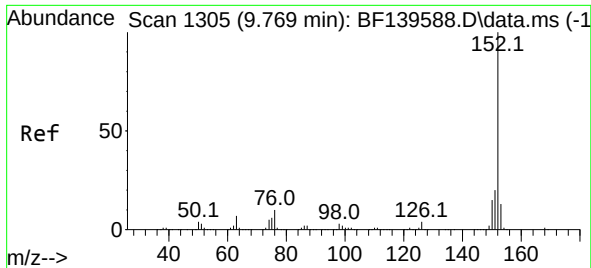
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#48
2-Nitroaniline
Concen: 50.001 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion: 65 Resp: 227576
Ion Ratio Lower Upper
65 100
92 62.0 50.0 75.0
138 90.4 73.8 110.8





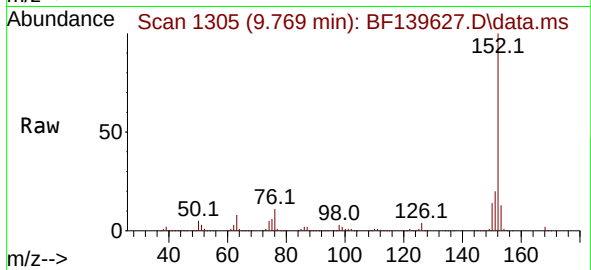
#49
Acenaphthylene
Concen: 49.509 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



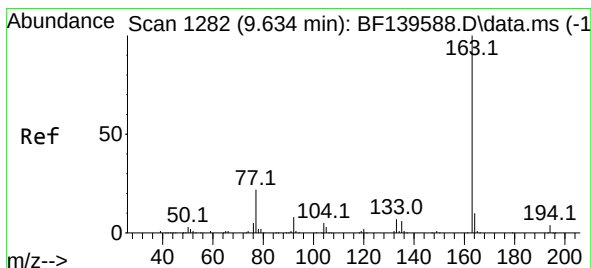
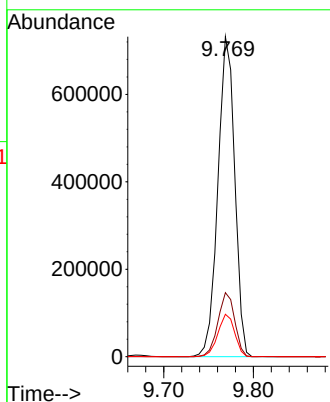
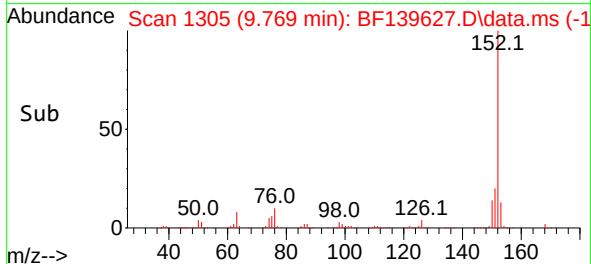
Tgt Ion:152 Resp: 954630
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.5 15.7

Manual Integrations

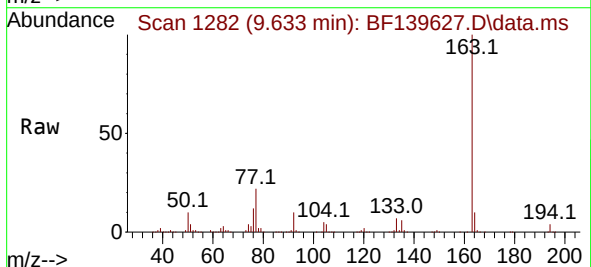
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

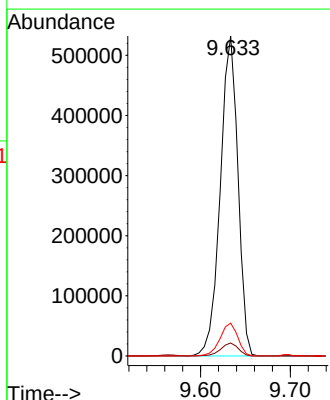
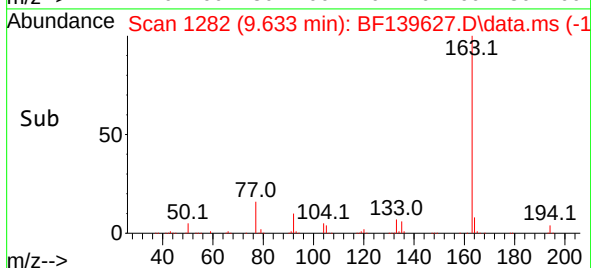
Supervised By :mohammad ahmed 10/05/2024

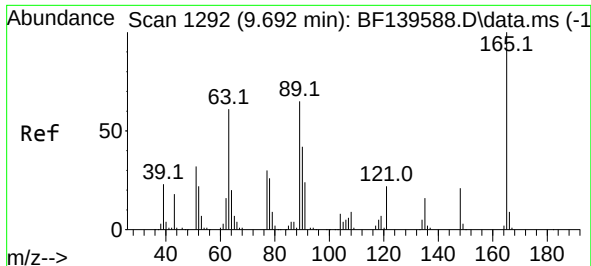


#50
Dimethylphthalate
Concen: 48.758 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:163 Resp: 725777
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





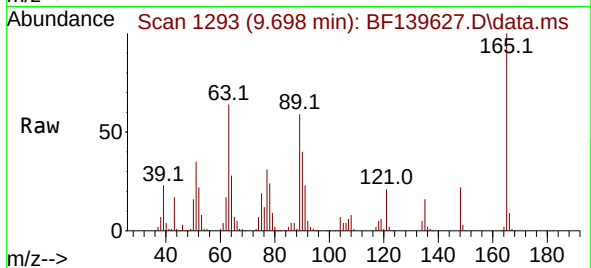
#51
2,6-Dinitrotoluene
Concen: 47.259 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



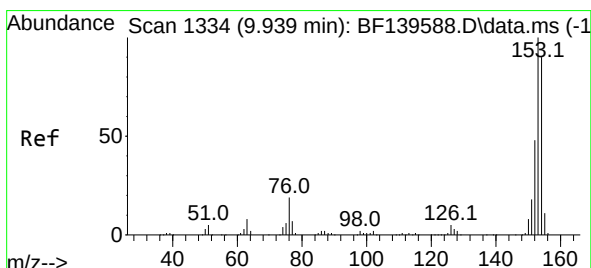
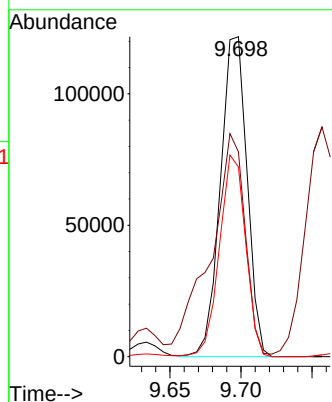
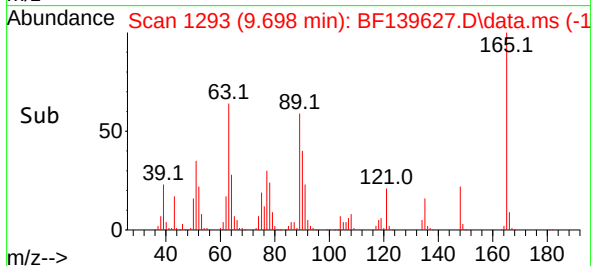
Tgt Ion:165 Resp: 158912
Ion Ratio Lower Upper
165 100
63 64.0 56.7 85.1
89 59.3 51.6 77.4

Manual Integrations

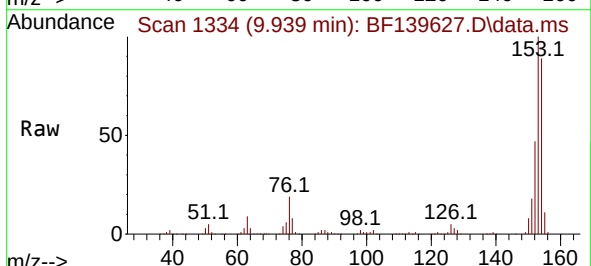
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

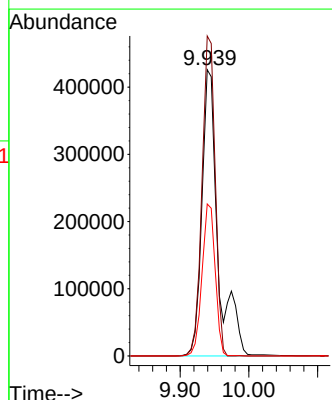
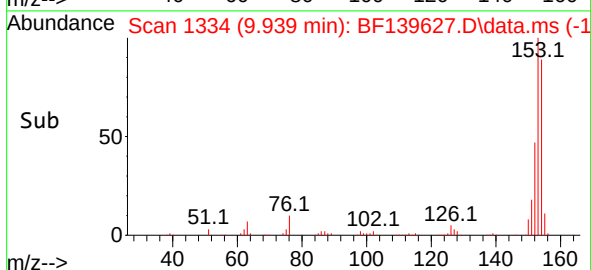
Supervised By :mohammad ahmed 10/05/2024

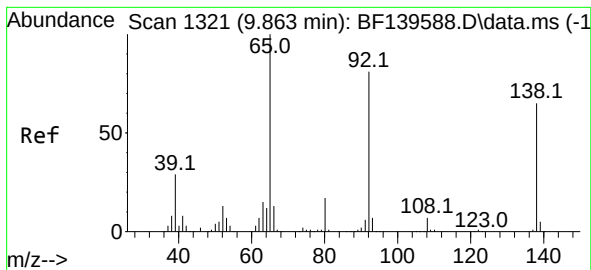


#52
Acenaphthene
Concen: 52.524 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:154 Resp: 695274
Ion Ratio Lower Upper
154 100
153 111.8 88.8 133.2
152 53.1 42.5 63.7





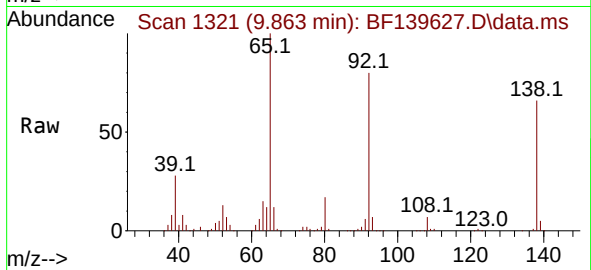
#53
3-Nitroaniline
Concen: 33.510 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

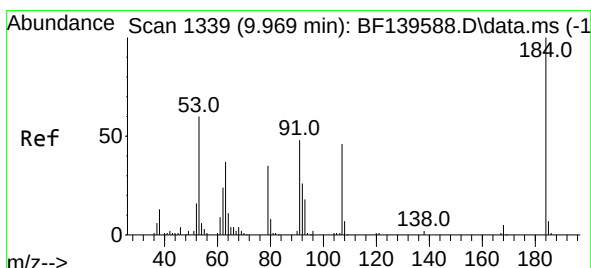
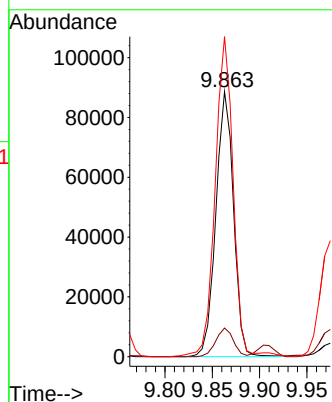
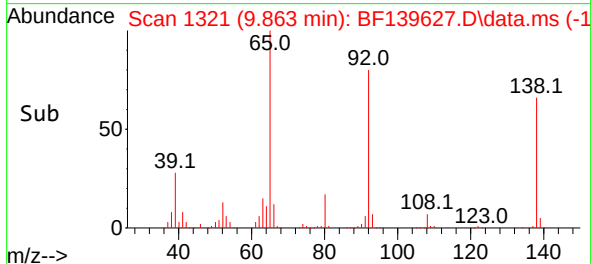


Tgt Ion:138 Resp: 115150
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 120.7 100.0 150.0

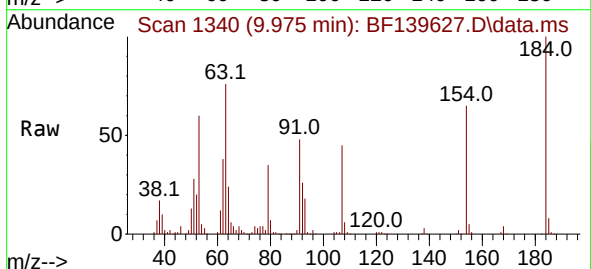
Manual Integrations

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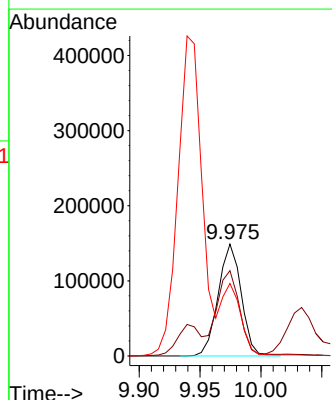
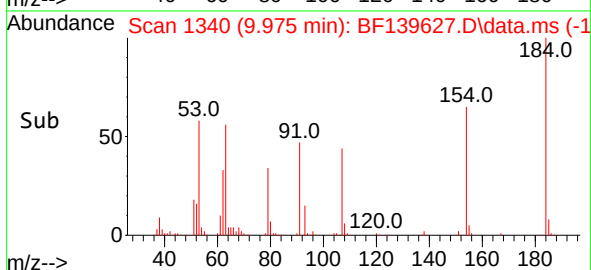
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

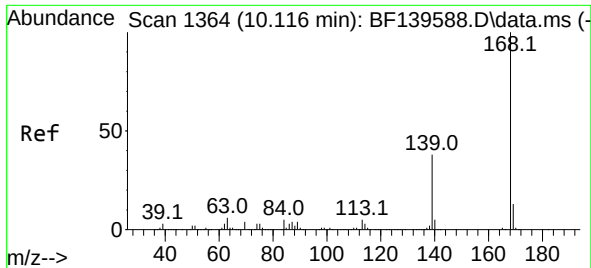


#54
2,4-Dinitrophenol
Concen: 108.928 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



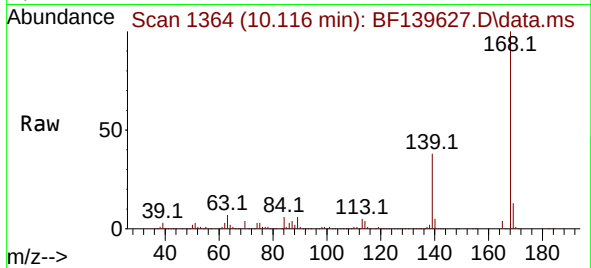
Tgt Ion:184 Resp: 197006
Ion Ratio Lower Upper
184 100
63 76.3 61.7 92.5
154 64.8 53.0 79.4





#55
Dibenzenofuran
Concen: 47.089 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

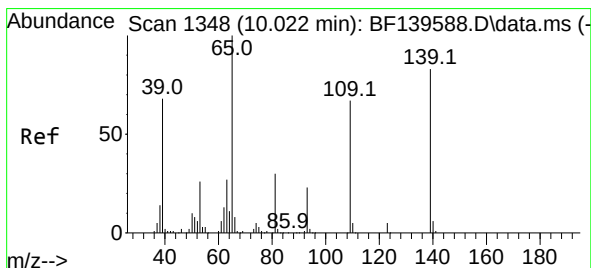
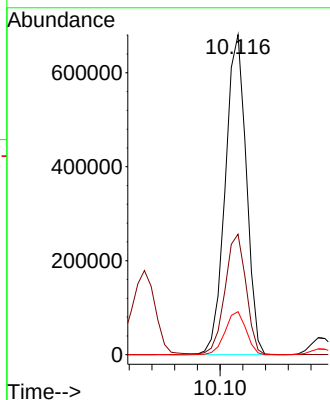
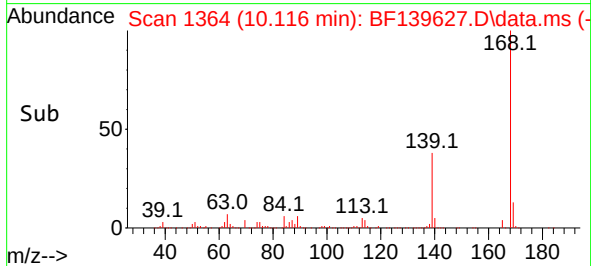
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



Tgt Ion:168 Resp: 87273
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.5 10.7 16.1

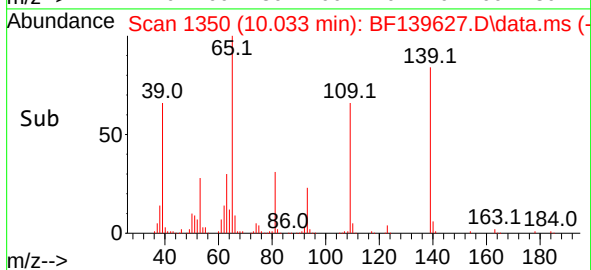
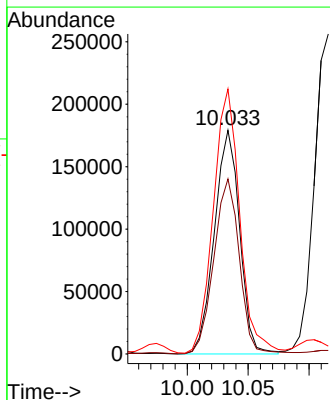
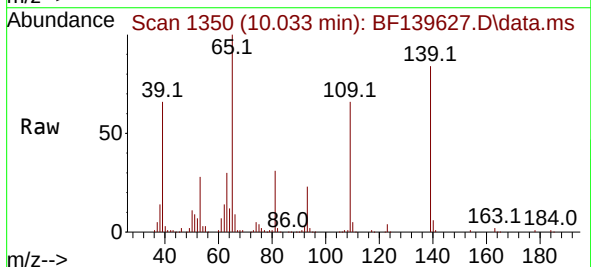
Manual Integrations
APPROVED

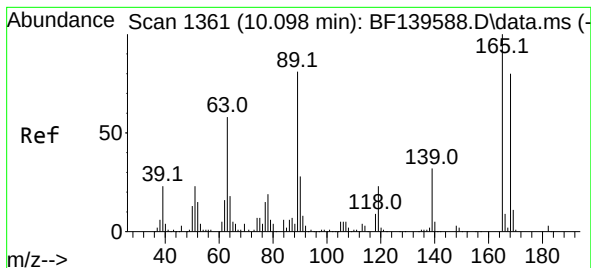
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#56
4-Nitrophenol
Concen: 98.762 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:139 Resp: 258798
Ion Ratio Lower Upper
139 100
109 78.3 60.3 100.3
65 118.4 100.8 140.8





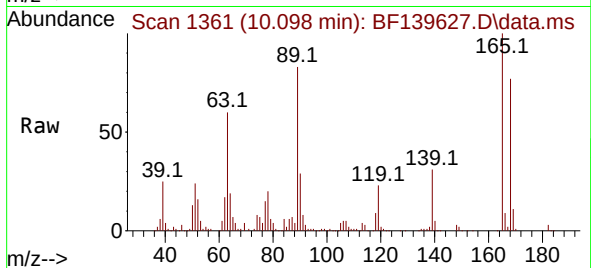
#57
2,4-Dinitrotoluene
Concen: 49.015 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



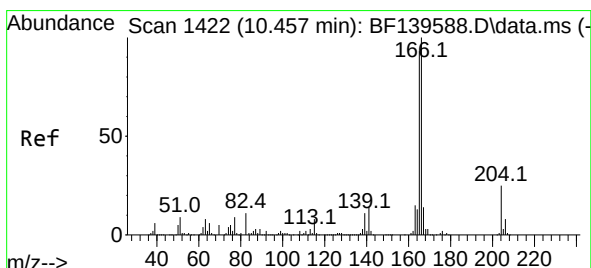
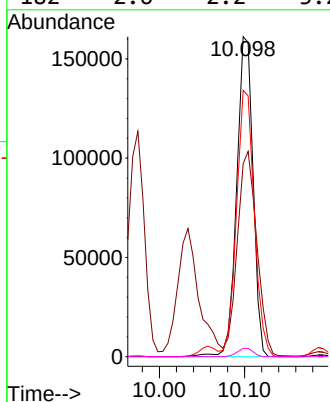
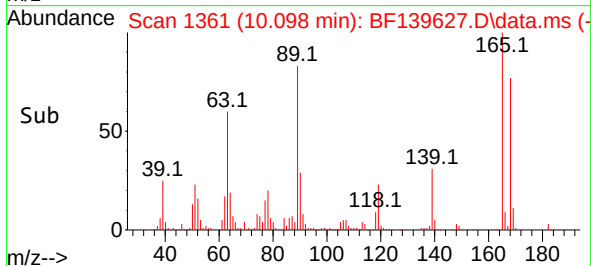
Tgt Ion:165 Resp: 215434
Ion Ratio Lower Upper
165 100
63 60.3 46.9 70.3
89 83.2 64.4 96.6
182 2.6 2.2 3.2

Manual Integrations

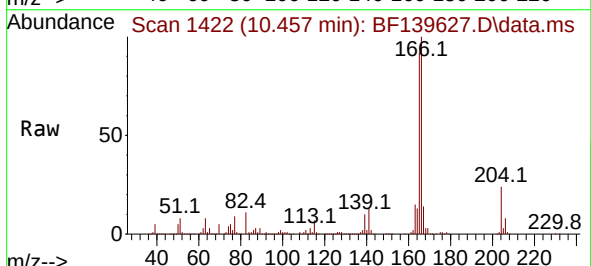
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

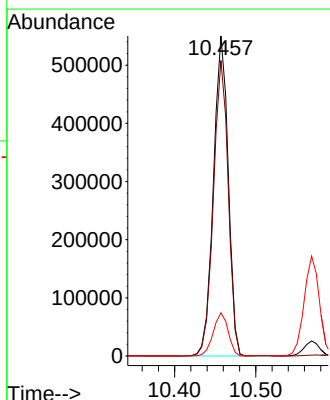
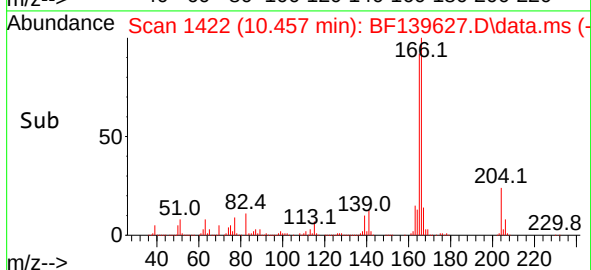
Supervised By :mohammad ahmed 10/05/2024

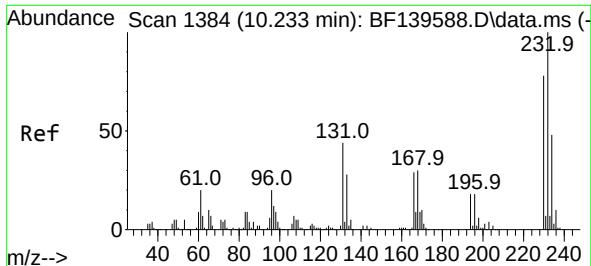


#58
Fluorene
Concen: 47.212 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



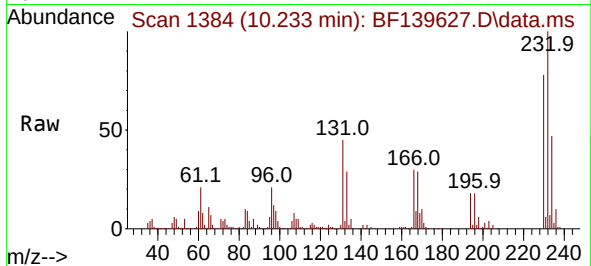
Tgt Ion:166 Resp: 696940
Ion Ratio Lower Upper
166 100
165 92.4 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.927 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

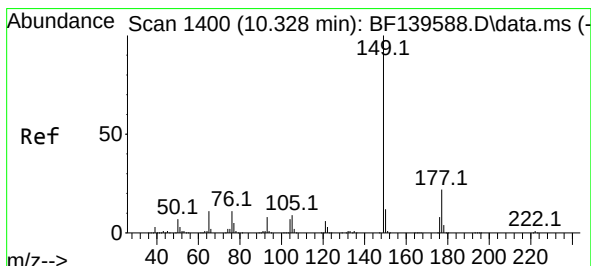
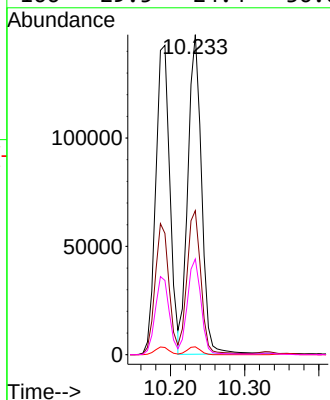
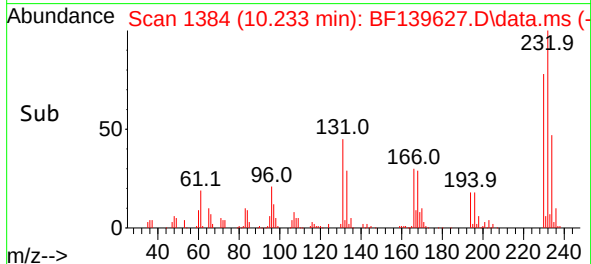
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



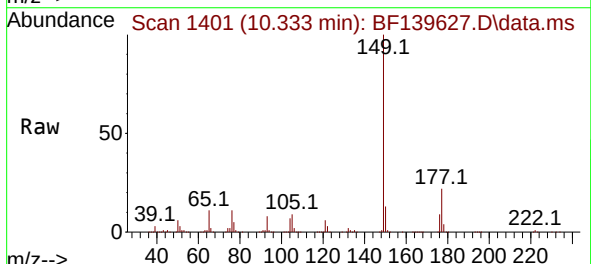
Tgt Ion:232 Resp: 18882
Ion Ratio Lower Upper
232 100
131 46.2 37.8 56.6
130 2.4 1.9 2.9
166 29.5 24.4 36.6

Manual Integrations
APPROVED

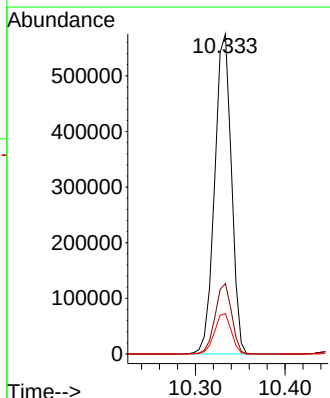
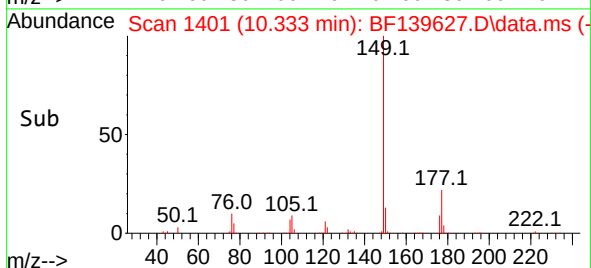
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

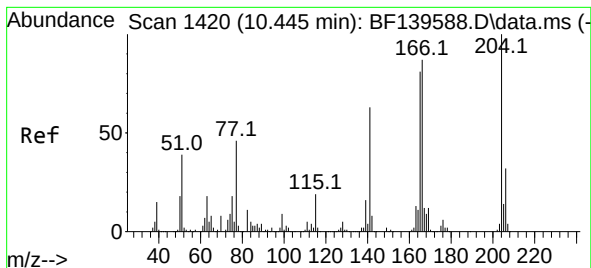


#60
Diethylphthalate
Concen: 48.482 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



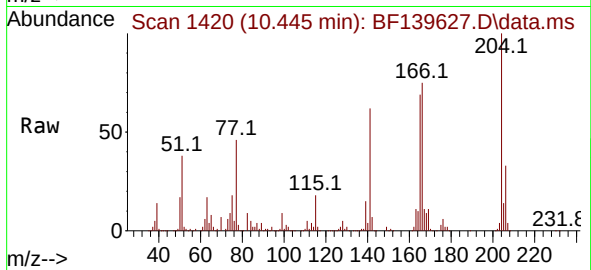
Tgt Ion:149 Resp: 745411
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.902 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

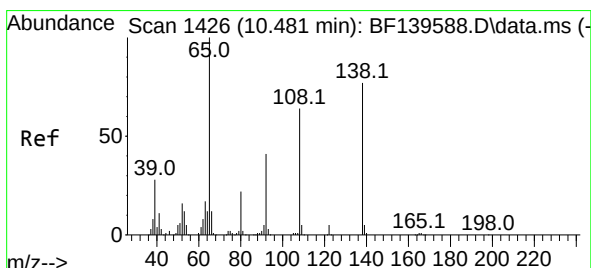
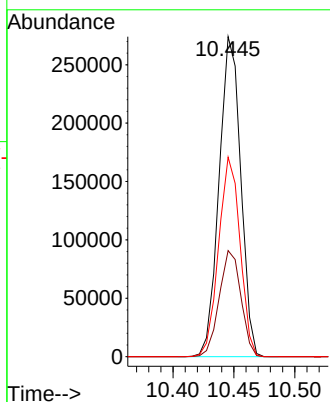
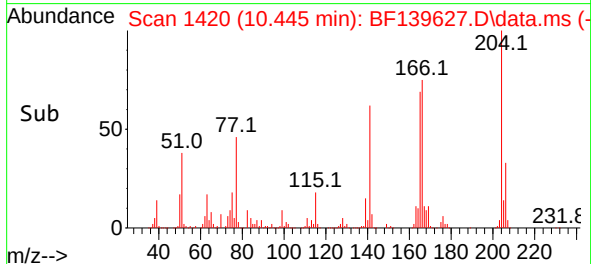
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



Tgt Ion:204 Resp: 338992
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 62.4 50.5 75.7

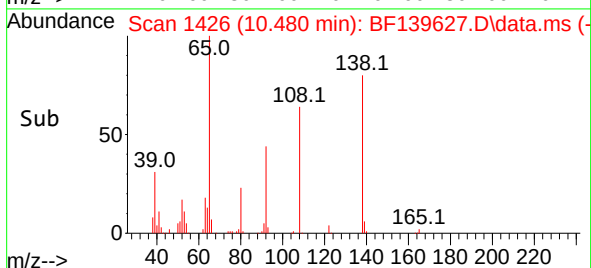
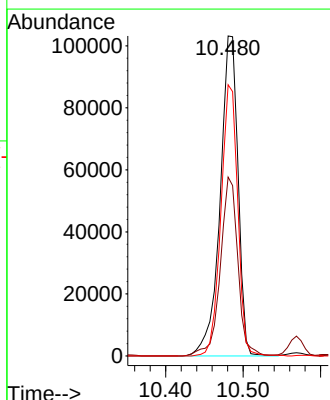
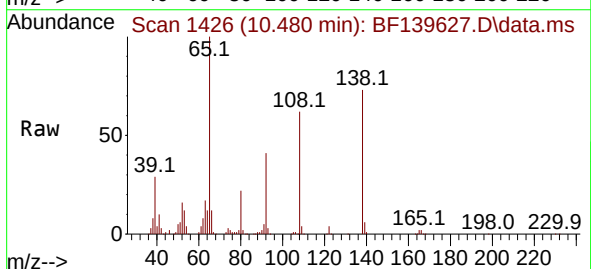
Manual Integrations
APPROVED

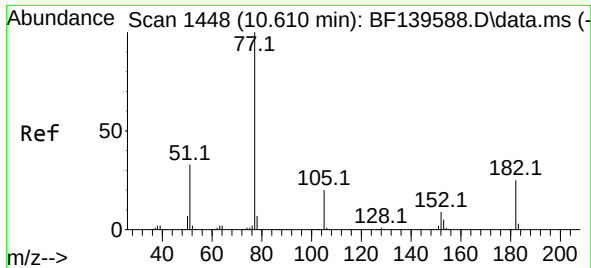
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#62
4-Nitroaniline
Concen: 47.169 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

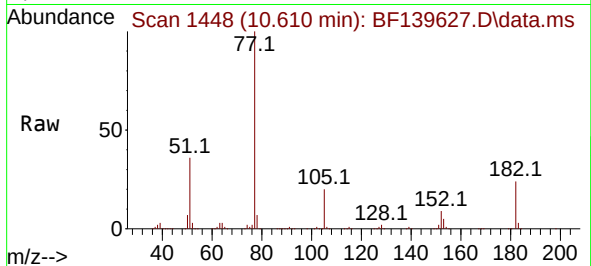
Tgt Ion:138 Resp: 165791
Ion Ratio Lower Upper
138 100
92 55.9 33.3 73.3
108 84.7 62.1 102.1





#63
Azobenzene
Concen: 48.768 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

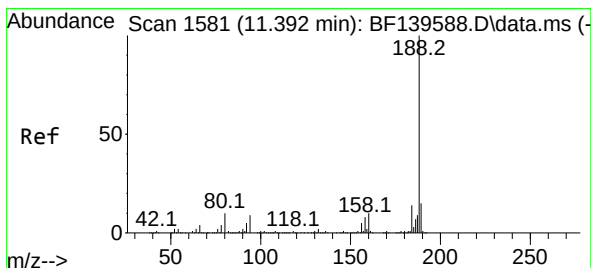
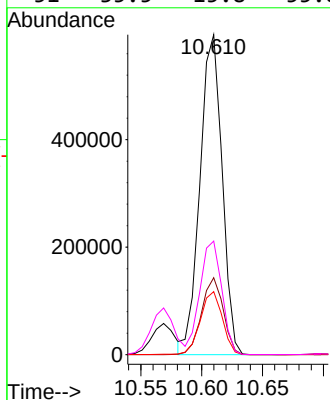
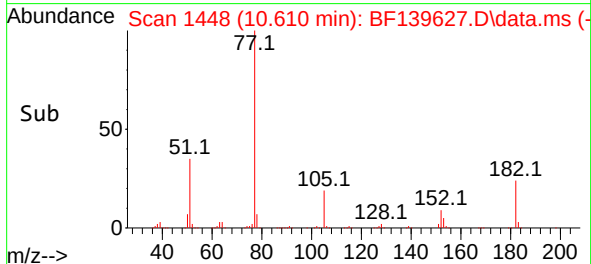
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



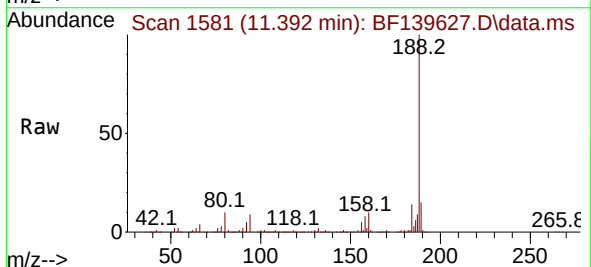
Tgt Ion: 77 Resp: 754054
Ion Ratio Lower Upper
77 100
182 24.1 4.2 44.2
105 19.7 0.0 39.6
51 35.5 15.8 55.8

Manual Integrations
APPROVED

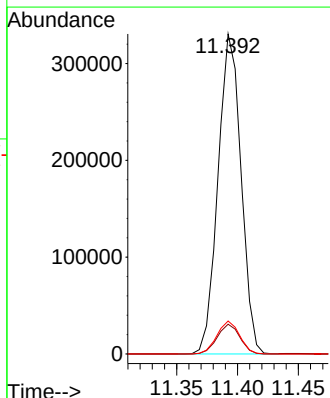
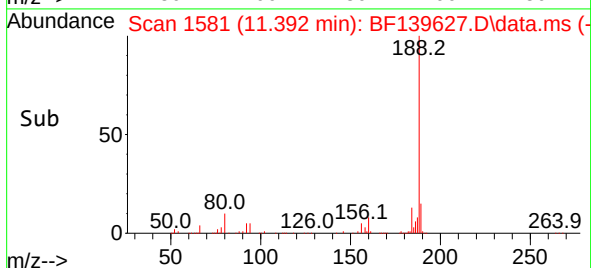
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

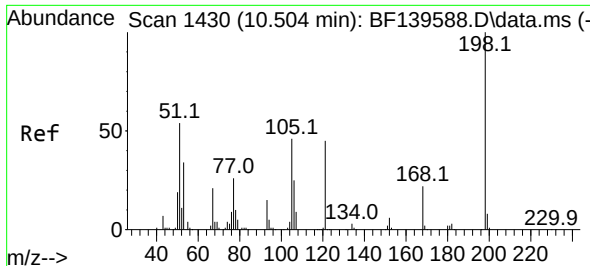


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



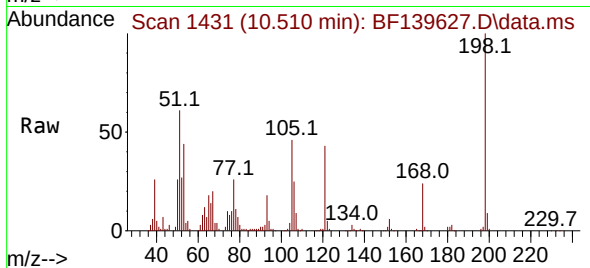
Tgt Ion:188 Resp: 435491
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.3 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.585 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

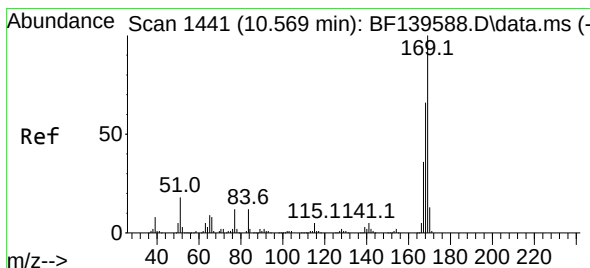
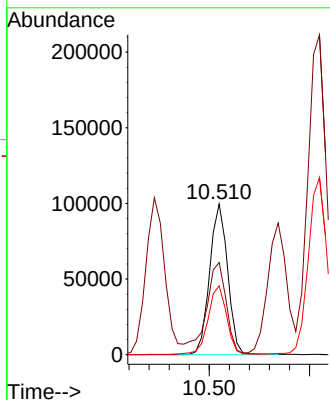
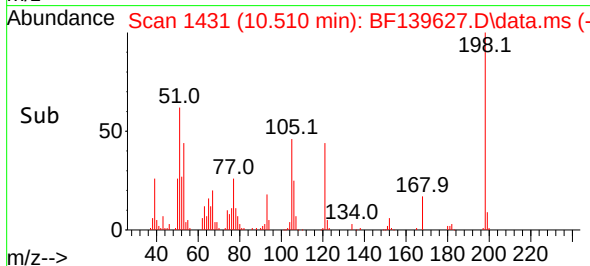
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



Tgt Ion:198 Resp: 12441
Ion Ratio Lower Upper
198 100
51 61.1 43.0 83.0
105 45.6 26.6 66.6

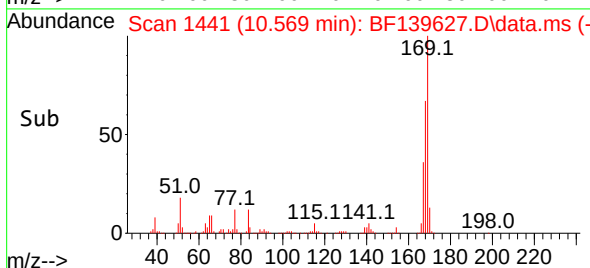
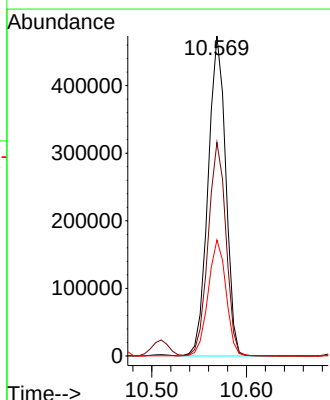
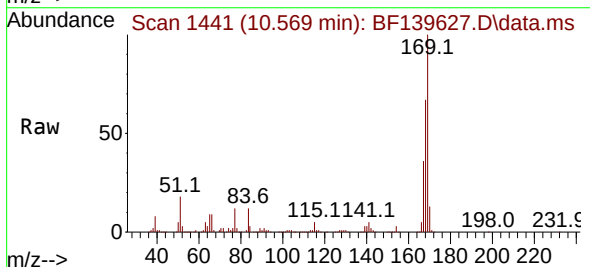
Manual Integrations
APPROVED

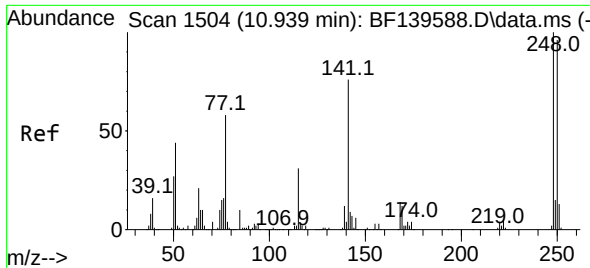
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#66
n-Nitrosodiphenylamine
Concen: 47.668 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:169 Resp: 611902
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.3 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.295 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

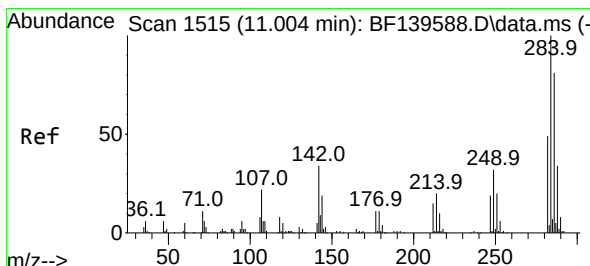
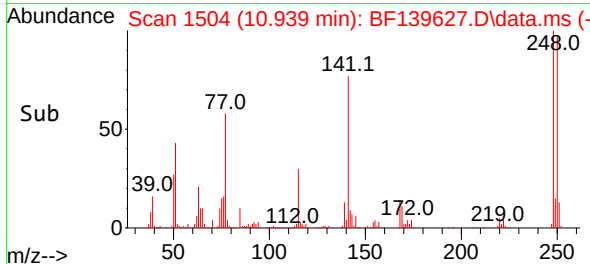
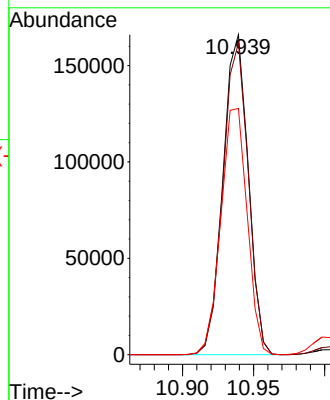
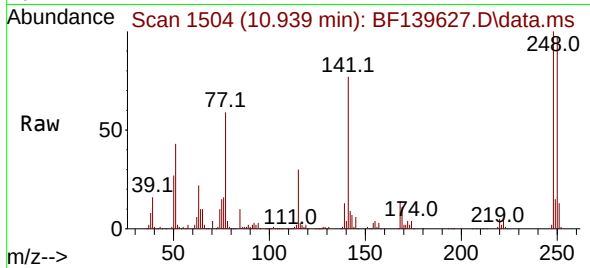
PB163843BSD

Tgt Ion:248 Resp: 20671
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 77.0 60.4 90.6

Manual Integrations

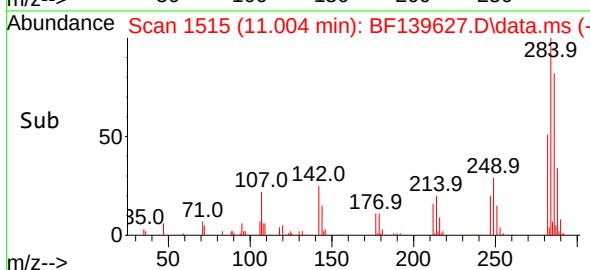
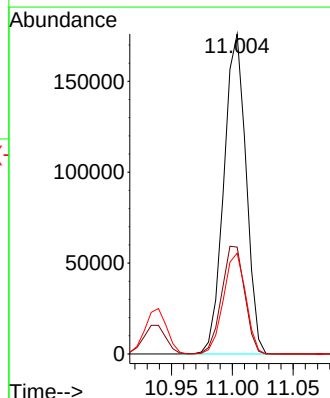
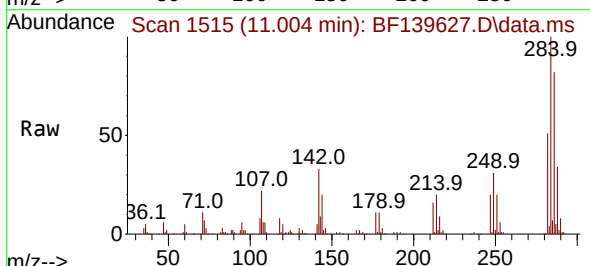
APPROVED

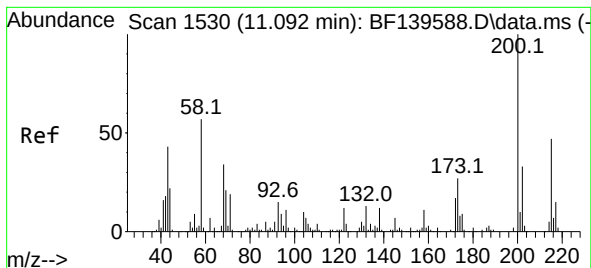
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#68
Hexachlorobenzene
Concen: 44.995 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:284 Resp: 222935
Ion Ratio Lower Upper
284 100
142 33.4 26.9 40.3
249 31.5 25.4 38.0





#69

Atrazine

Concen: 58.916 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

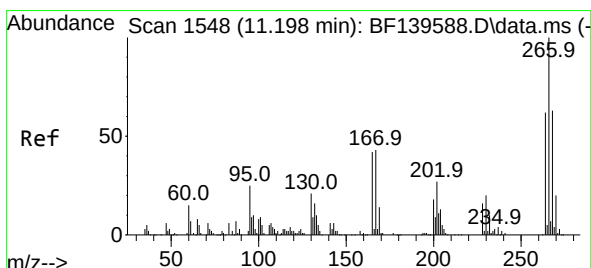
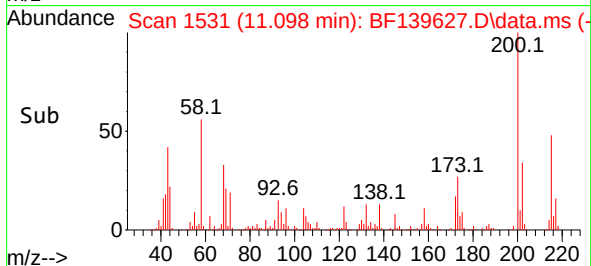
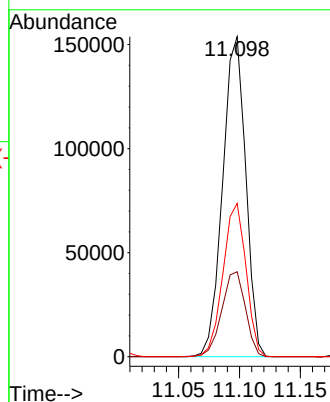
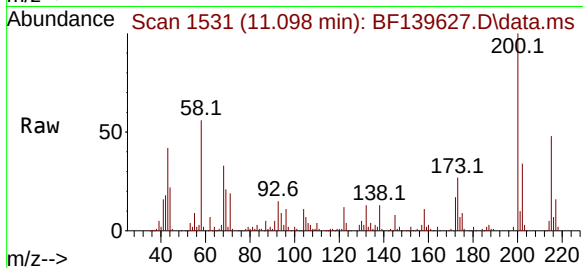
Tgt Ion:200 Resp: 20291
Ion Ratio Lower Upper
200 100
173 26.6 6.7 46.7
215 47.9 27.5 67.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#70

Pentachlorophenol

Concen: 90.239 ng

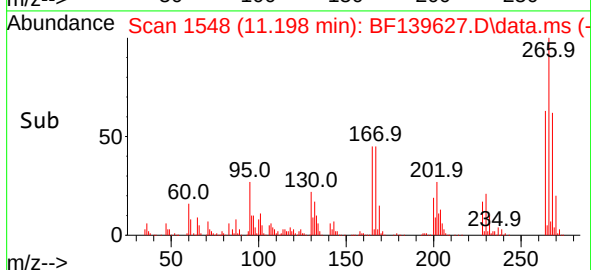
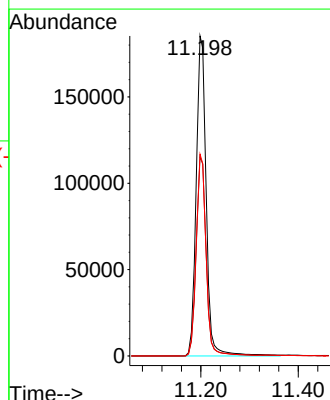
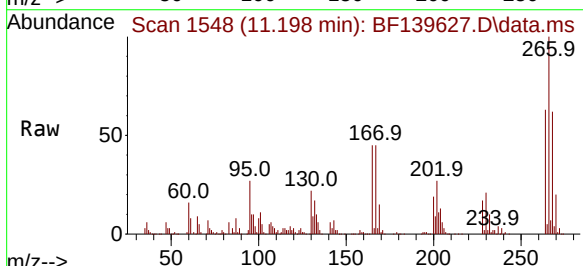
RT: 11.198 min Scan# 1548

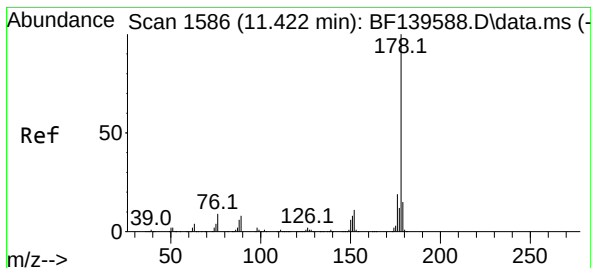
Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

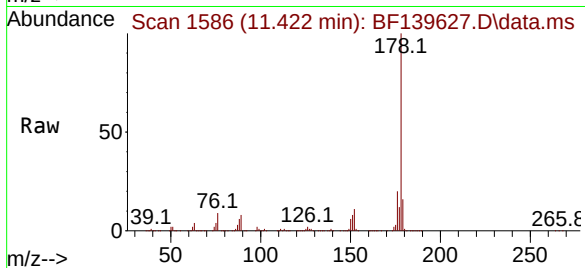
Tgt Ion:266 Resp: 266230
Ion Ratio Lower Upper
266 100
268 62.3 50.0 75.0
264 63.0 49.3 73.9





#71
Phenanthrene
Concen: 47.549 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

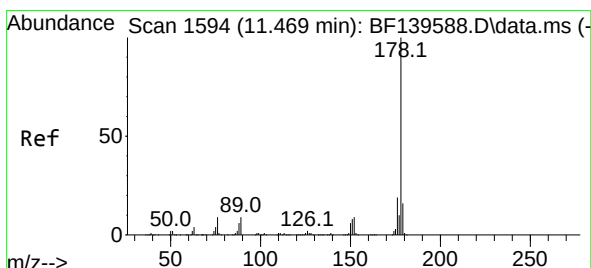
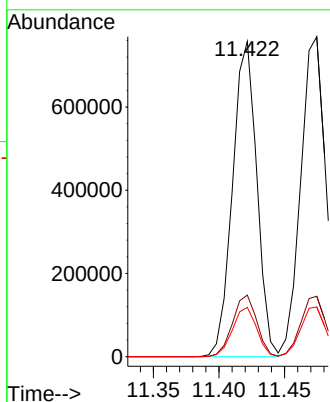
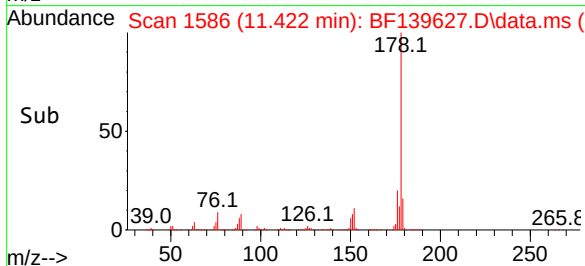
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



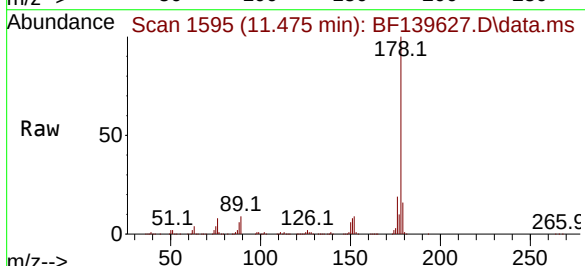
Tgt Ion:178 Resp: 976360
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.3 18.5

Manual Integrations
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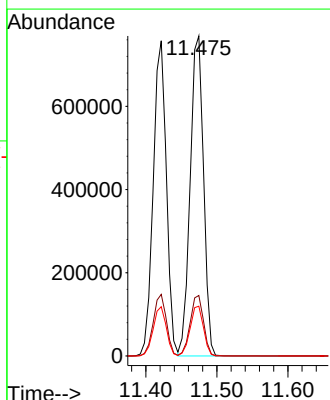
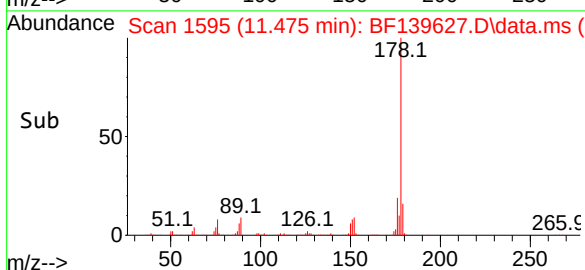
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

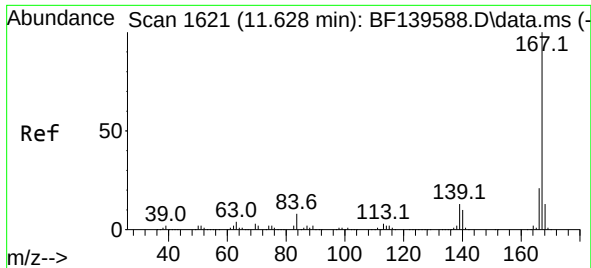


#72
Anthracene
Concen: 49.606 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



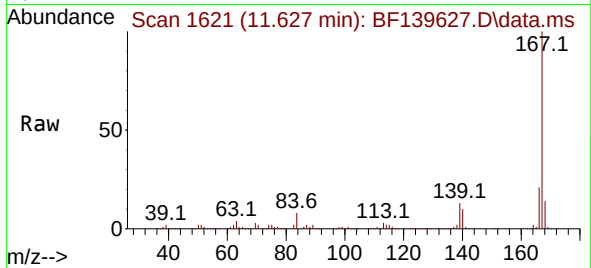
Tgt Ion:178 Resp: 1007709
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 46.881 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139627.D
 Acq: 03 Oct 2024 13:12

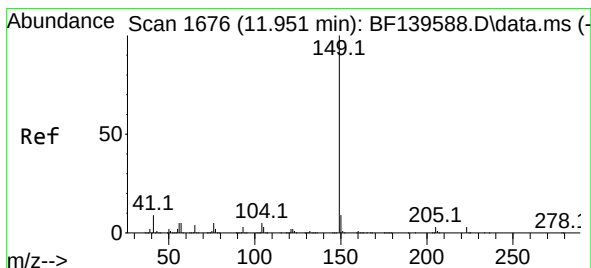
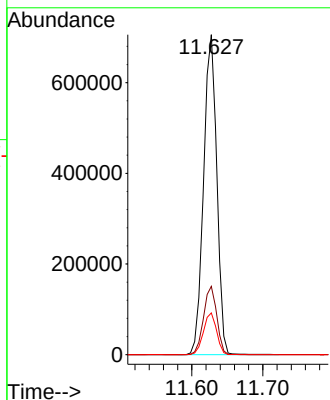
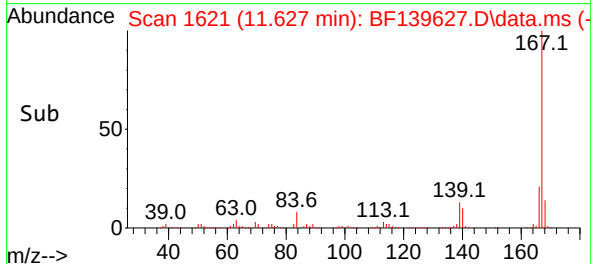
Instrument :
 BNA_F
 ClientSampleId :
 PB163843BSD



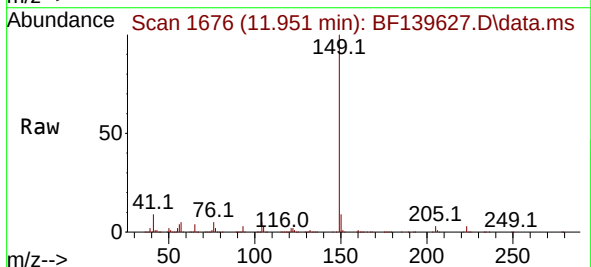
Tgt Ion:167 Resp: 914689
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.3 15.5

Manual Integrations
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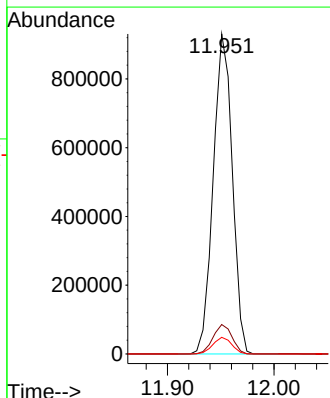
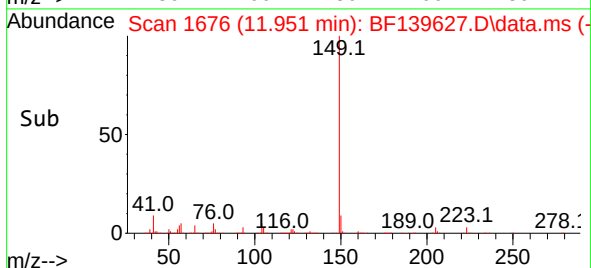
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

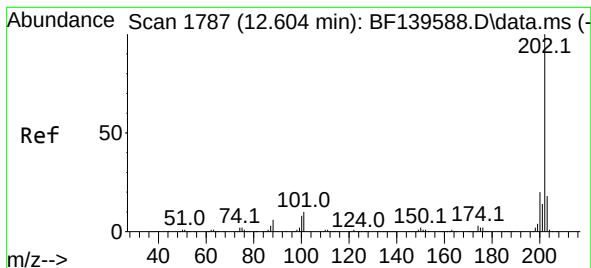


#74
 Di-n-butylphthalate
 Concen: 48.651 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139627.D
 Acq: 03 Oct 2024 13:12



Tgt Ion:149 Resp: 1154286
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 46.225 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

Tgt Ion:202 Resp: 1037578

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

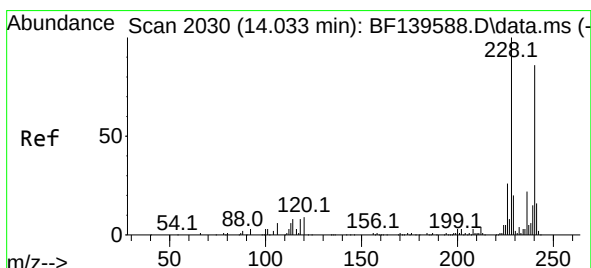
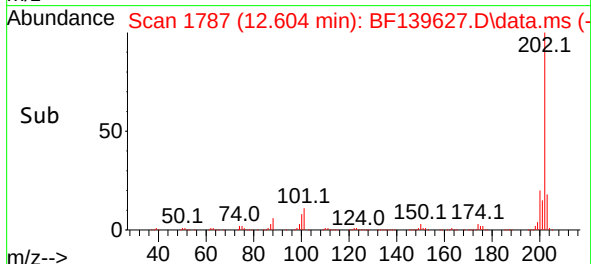
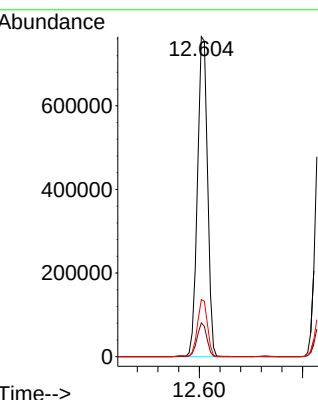
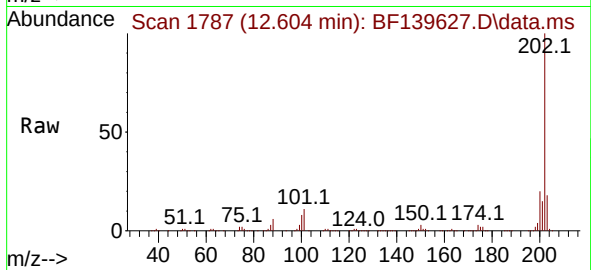
203 17.9 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

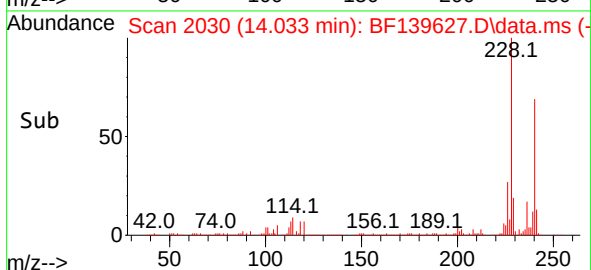
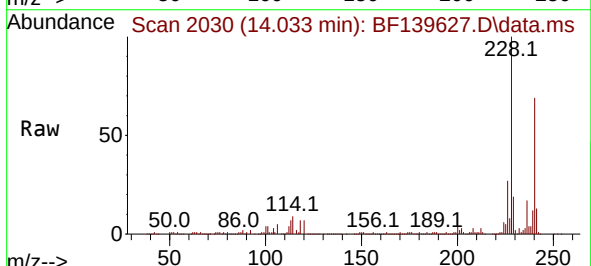
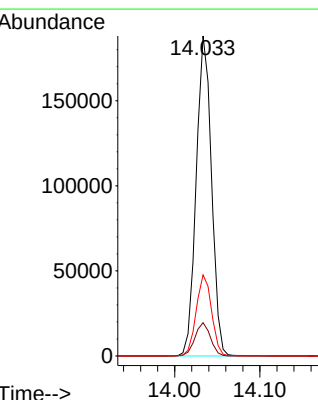
Tgt Ion:240 Resp: 234590

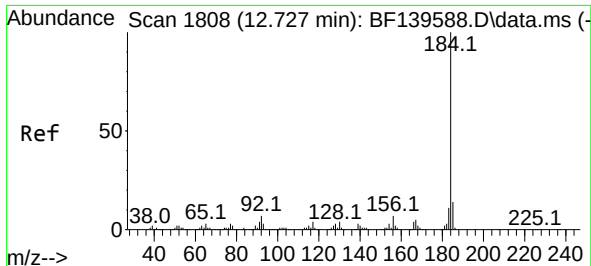
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

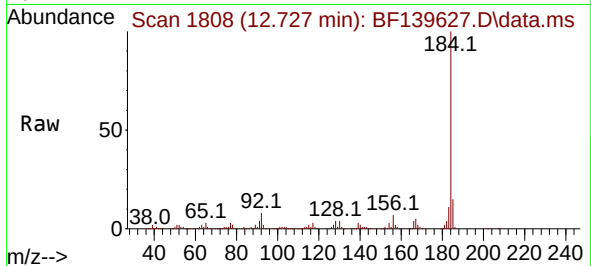
236 25.4 20.3 30.5





#77
Benzidine
Concen: 75.441 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

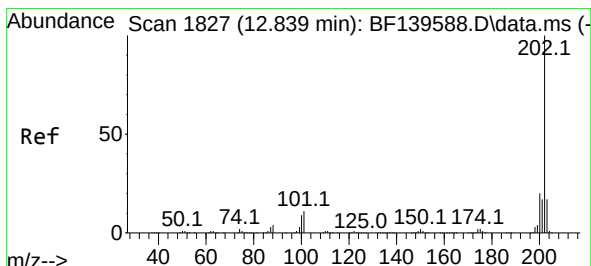
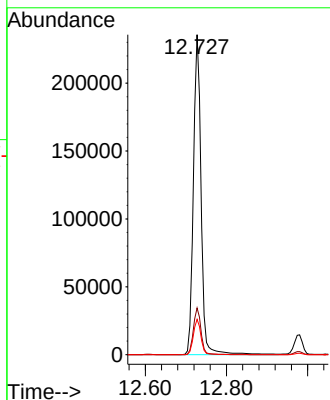
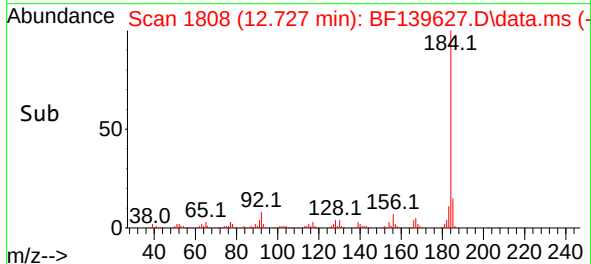
Instrument :
BNA_F
ClientSampleId :
PB163843BSD



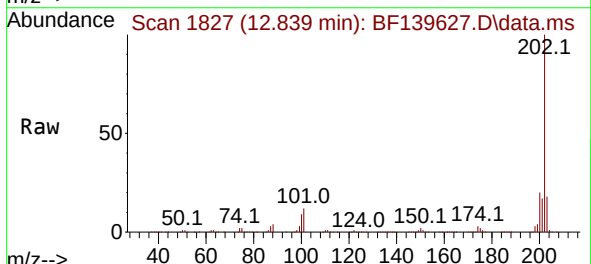
Tgt Ion:184 Resp: 312160
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.1 8.8 13.2

Manual Integrations
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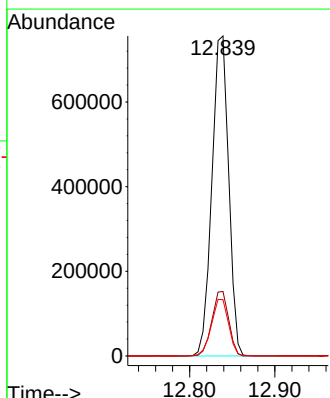
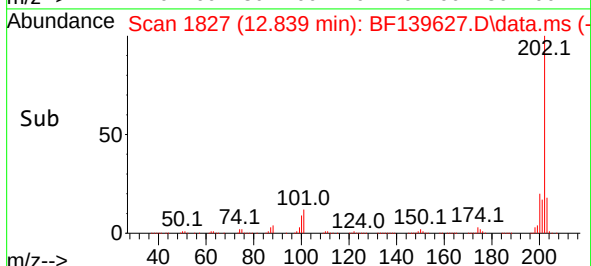
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

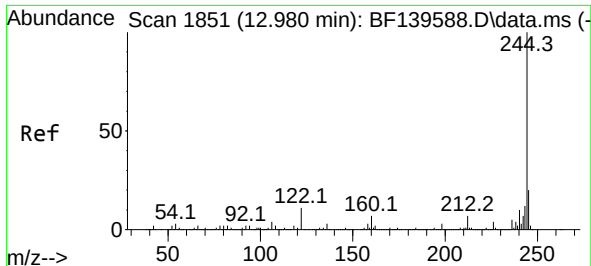


#78
Pyrene
Concen: 49.378 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:202 Resp: 1036020
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.6
203 17.6 13.8 20.8





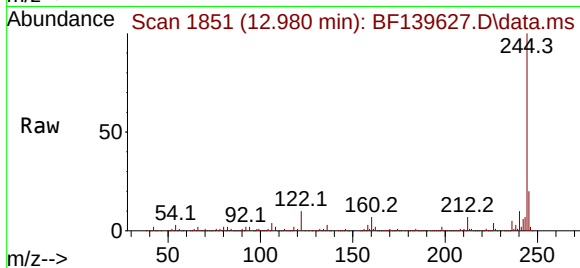
#79
 Terphenyl-d14
 Concen: 100.004 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF139627.D
 Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



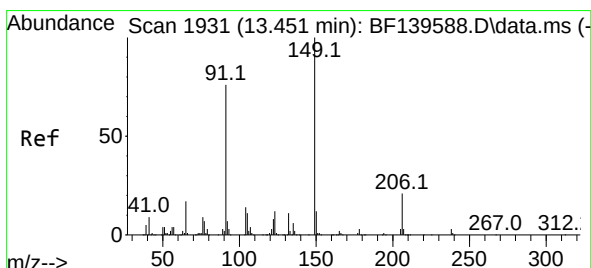
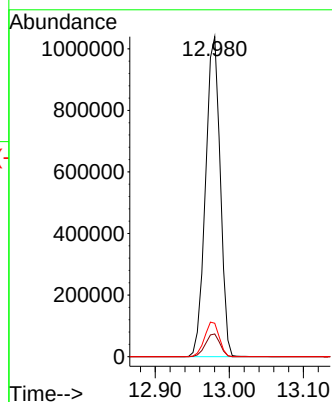
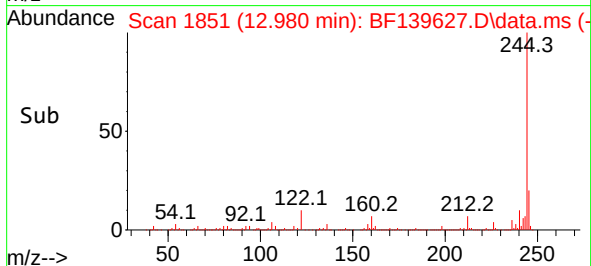
Tgt Ion:244 Resp: 142976
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.5 8.6 12.8

Manual Integrations

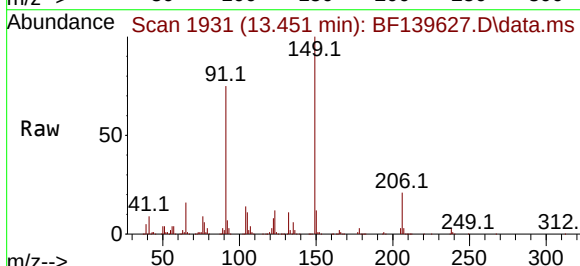
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

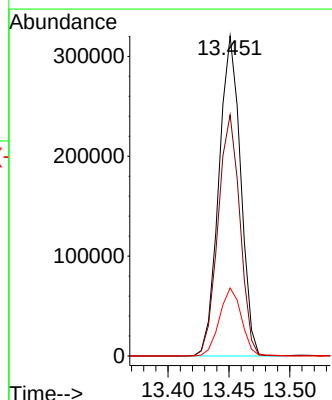
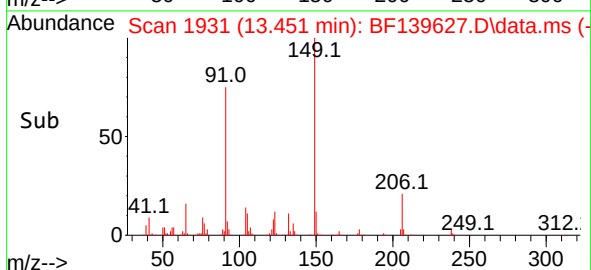
Supervised By :mohammad ahmed 10/05/2024

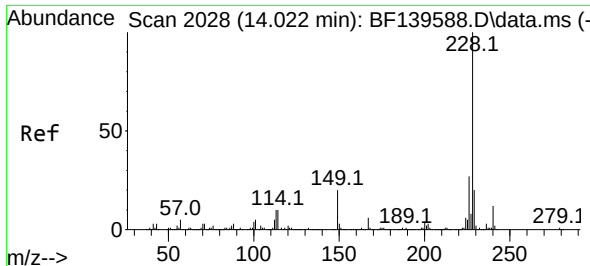


#80
 Butylbenzylphthalate
 Concen: 53.084 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139627.D
 Acq: 03 Oct 2024 13:12



Tgt Ion:149 Resp: 398389
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.0 91.4
 206 21.3 16.6 24.8





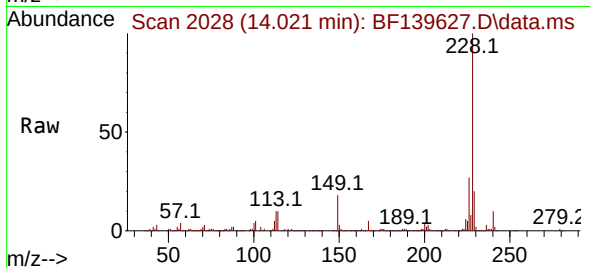
#81
Benzo(a)anthracene
Concen: 48.226 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

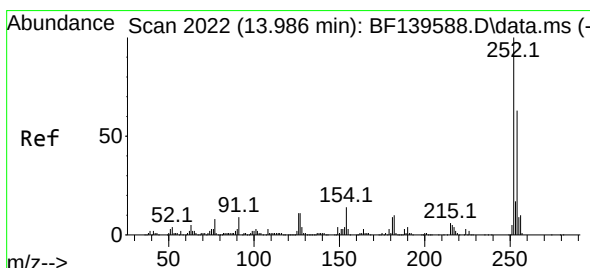
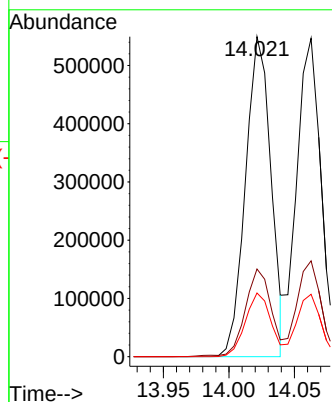
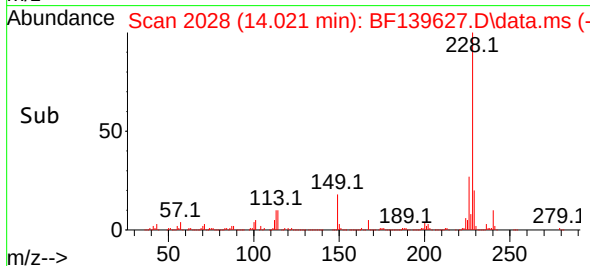


Tgt Ion:228 Resp: 743810
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.8

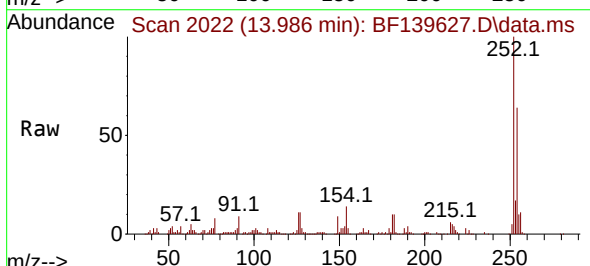
Manual Integrations

APPROVED

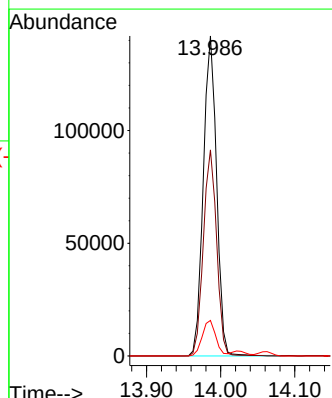
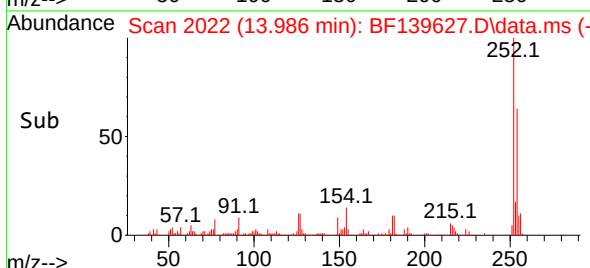
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

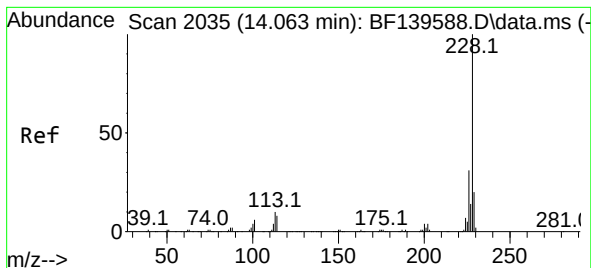


#82
3,3'-Dichlorobenzidine
Concen: 37.473 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12



Tgt Ion:252 Resp: 176880
Ion Ratio Lower Upper
252 100
254 64.4 50.5 75.7
126 11.1 8.8 13.2





#83

Chrysene

Concen: 49.530 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139627.D

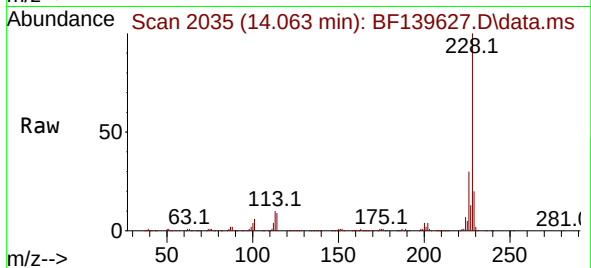
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



Tgt Ion:228 Resp: 698414

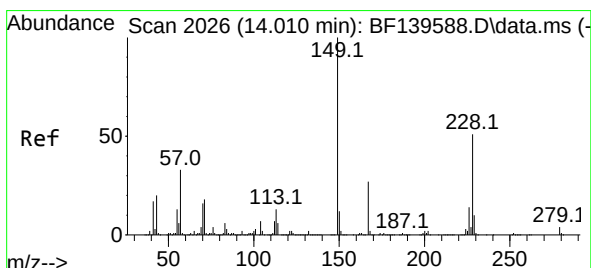
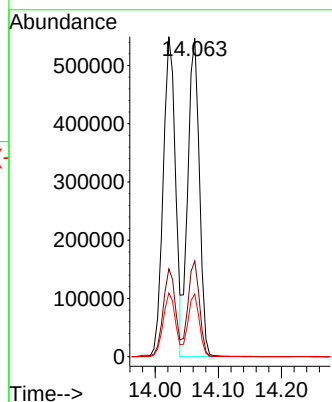
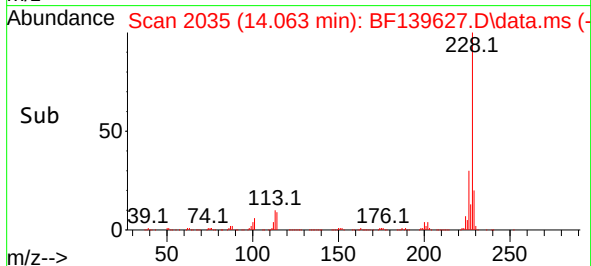
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.6	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.835 ng

RT: 14.010 min Scan# 2026

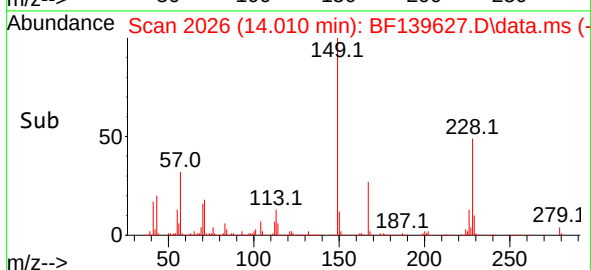
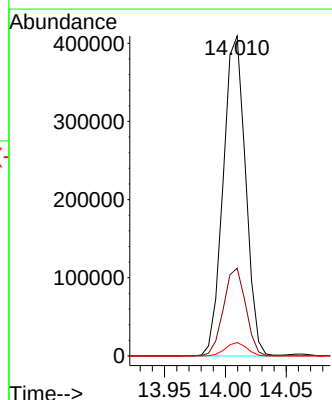
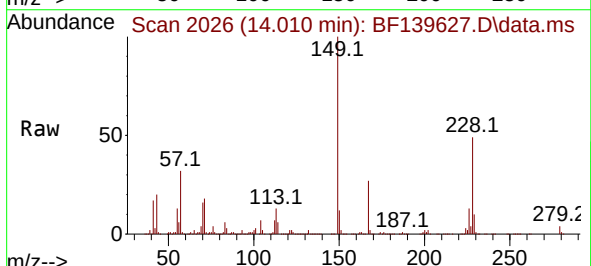
Delta R.T. -0.000 min

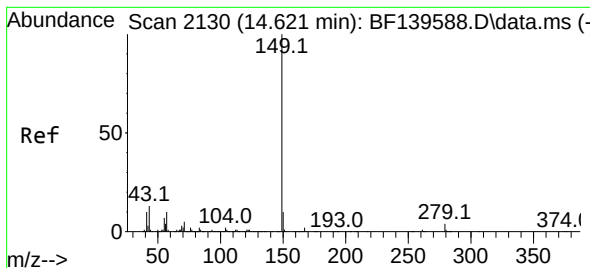
Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Tgt Ion:149 Resp: 523251

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.7	32.5
279	4.2	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 54.179 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

Tgt Ion:149 Resp: 74591

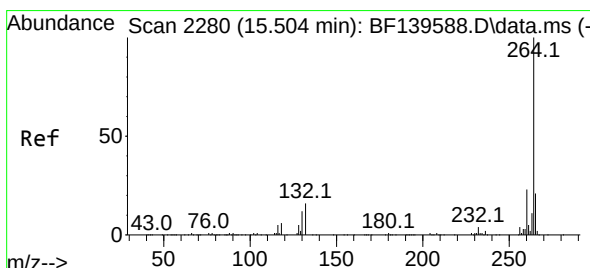
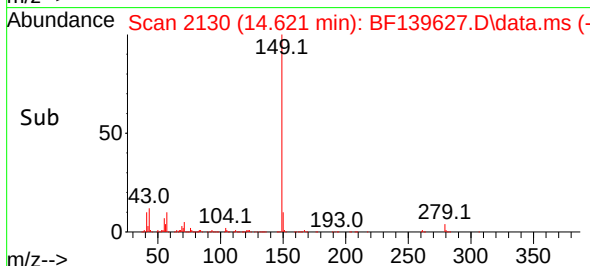
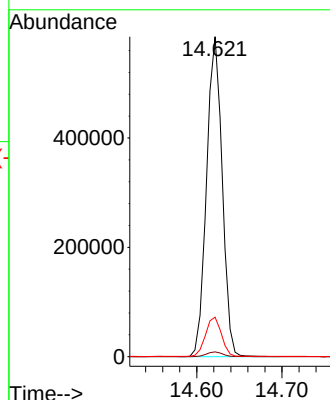
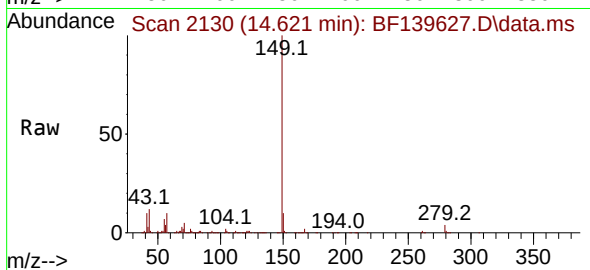
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

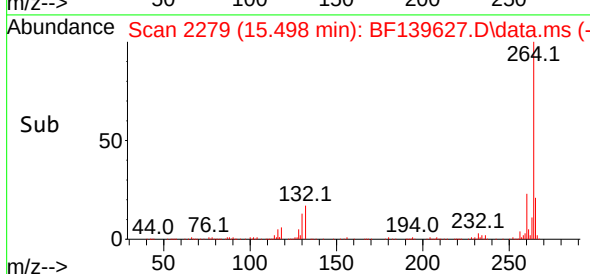
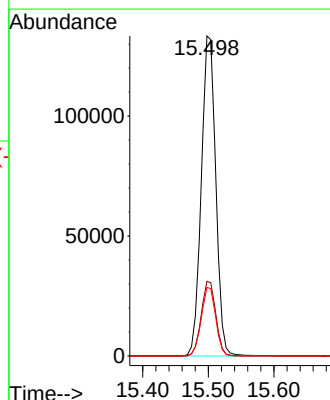
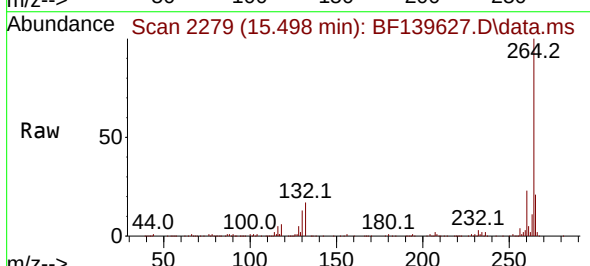
Delta R.T. -0.006 min

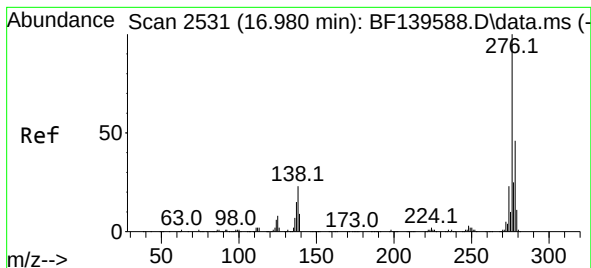
Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Tgt Ion:264 Resp: 205443

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.4	16.9	25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.478 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139627.D

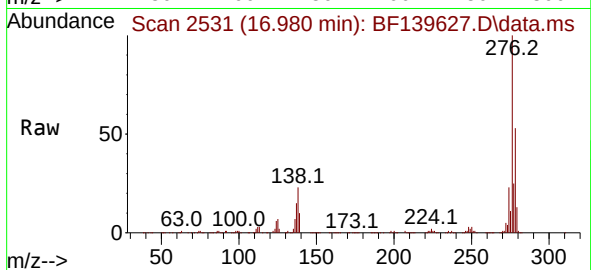
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD



Tgt Ion:276 Resp: 622460

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

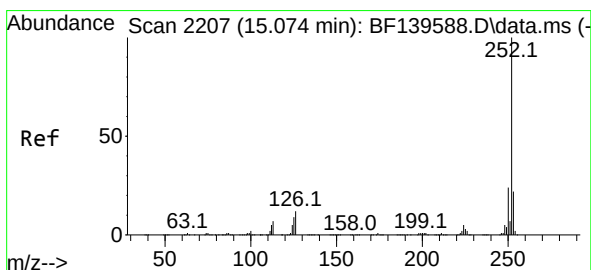
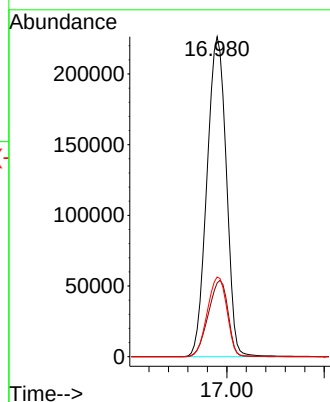
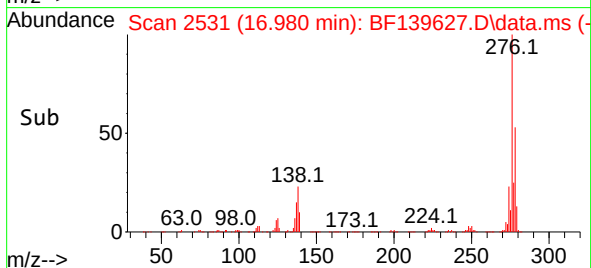
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#88

Benzo(b)fluoranthene

Concen: 44.662 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

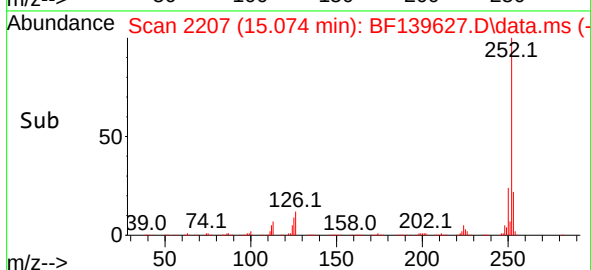
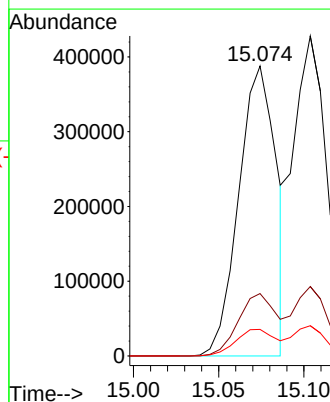
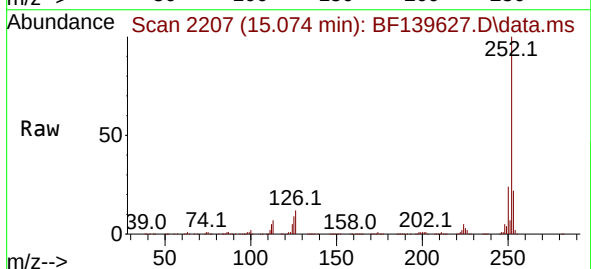
Tgt Ion:252 Resp: 593274

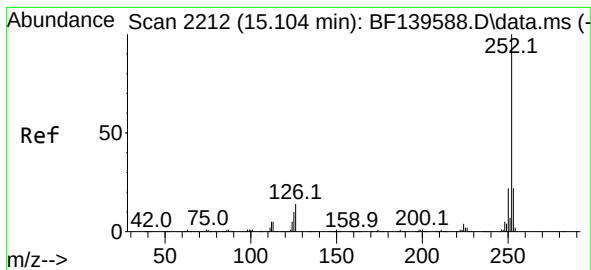
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.908 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB163843BSD

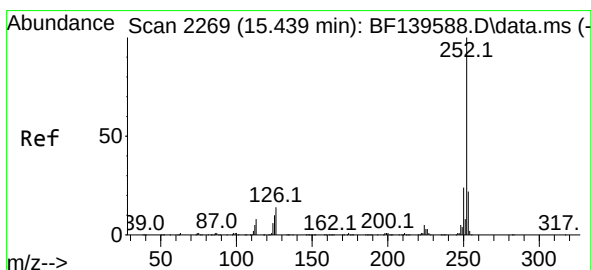
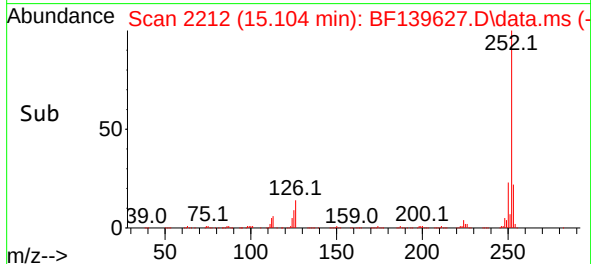
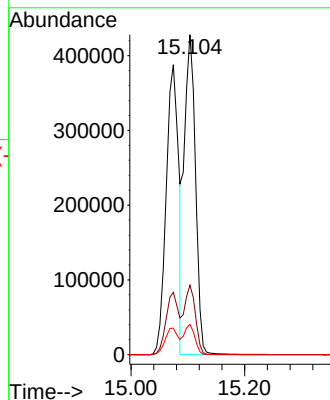
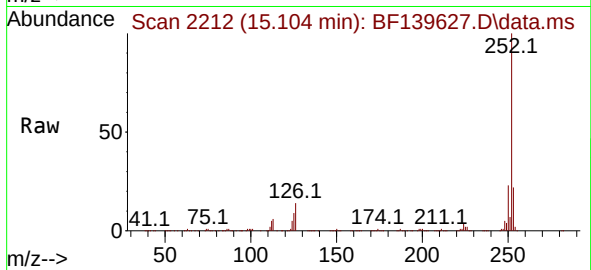
Tgt Ion:252 Resp: 58490
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 9.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#90

Benzo(a)pyrene

Concen: 52.760 ng

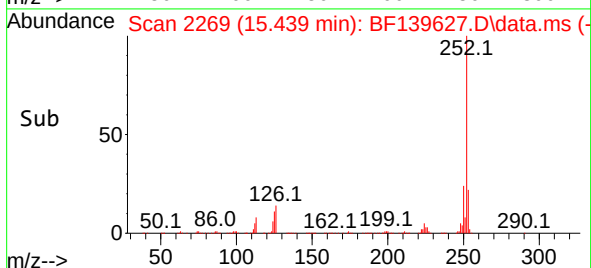
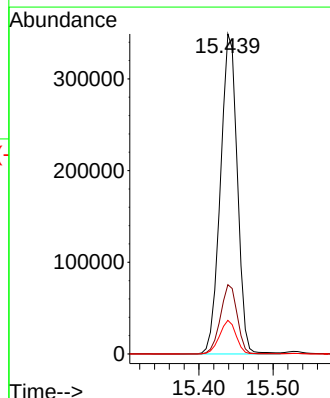
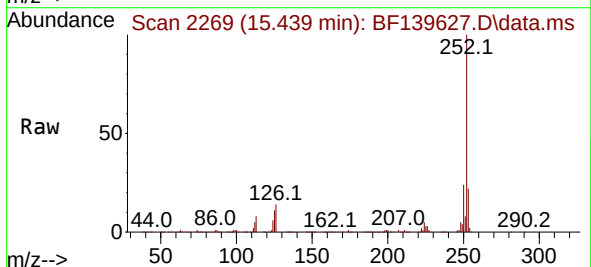
RT: 15.439 min Scan# 2269

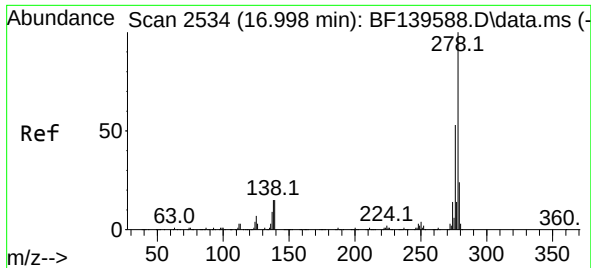
Delta R.T. -0.000 min

Lab File: BF139627.D

Acq: 03 Oct 2024 13:12

Tgt Ion:252 Resp: 552616
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 10.5 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 51.369 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Instrument :

BNA_F

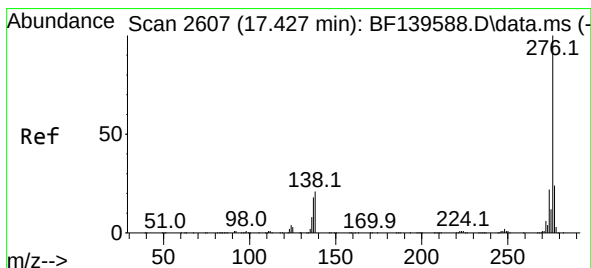
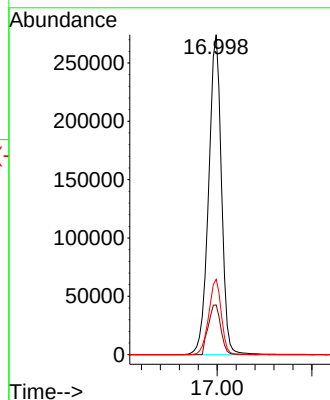
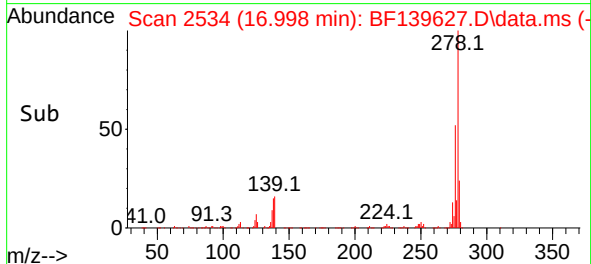
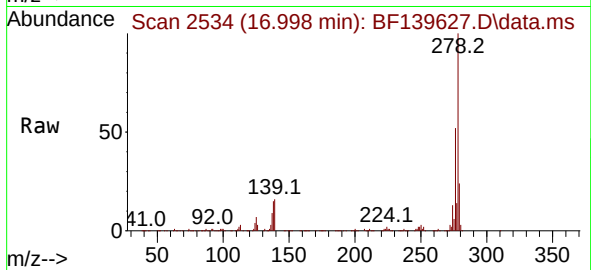
ClientSampleId :

PB163843BSD

Tgt Ion:278 Resp: 515189
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#92
Benzo(g,h,i)perylene
Concen: 46.488 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139627.D
Acq: 03 Oct 2024 13:12

Tgt Ion:276 Resp: 467594
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.7 17.0 25.6

