

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140093.D
 Acq On : 28 Oct 2024 18:03
 Operator : RC/JU
 Sample : P4545-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215MSD

Quant Time: Oct 28 18:37:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	111820	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	432287	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	236921	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	398949	20.000	ng	0.00
76) Chrysene-d12	14.051	240	204155	20.000	ng	0.00
86) Perylene-d12	15.527	264	256308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	974076	136.371	ng	0.02
7) Phenol-d6	6.516	99	1219104	131.779	ng	0.00
23) Nitrobenzene-d5	7.451	82	820015	105.134	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	358251	161.659	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1443612	100.702	ng	0.00
79) Terphenyl-d14	12.998	244	1318745	105.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	128884	38.700	ng	# 81
3) Pyridine	3.587	79	206806	25.053	ng	98
4) n-Nitrosodimethylamine	3.516	42	189912	42.820	ng	# 98
6) Aniline	6.551	93	182449	21.161	ng	99
8) 2-Chlorophenol	6.675	128	372961	51.076	ng	97
9) Benzaldehyde	6.439	77	44949	8.637	ng	95
10) Phenol	6.528	94	448413m	47.016	ng	
11) bis(2-Chloroethyl)ether	6.628	93	356154	48.313	ng	99
12) 1,3-Dichlorobenzene	6.834	146	359207	42.853	ng	99
13) 1,4-Dichlorobenzene	6.904	146	367348	43.866	ng	99
14) 1,2-Dichlorobenzene	7.057	146	355848	45.529	ng	99
15) Benzyl Alcohol	7.028	79	349195	51.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	577398	45.935	ng	96
17) 2-Methylphenol	7.134	107	313004	50.269	ng	99
18) Hexachloroethane	7.404	117	129514	43.369	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	273178	48.688	ng	98
20) 3+4-Methylphenols	7.286	107	394617	49.549	ng	92
22) Acetophenone	7.298	105	510185	48.185	ng	97
24) Nitrobenzene	7.469	77	405962	47.472	ng	100
25) Isophorone	7.710	82	761382	51.431	ng	99
26) 2-Nitrophenol	7.786	139	190721	59.118	ng	96
27) 2,4-Dimethylphenol	7.816	122	316975	58.924	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	451618	50.352	ng	99
29) 2,4-Dichlorophenol	8.022	162	320207	52.260	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	314131	46.333	ng	100
31) Naphthalene	8.192	128	1064132	47.730	ng	100
32) Benzoic acid	7.904	122	123617	26.347	ng	98
33) 4-Chloroaniline	8.233	127	150937	19.854	ng	99
34) Hexachlorobutadiene	8.310	225	196299	46.081	ng	99
35) Caprolactam	8.604	113	85333m	43.800	ng	
36) 4-Chloro-3-methylphenol	8.716	107	365021	53.801	ng	98
37) 2-Methylnaphthalene	8.880	142	701854	51.402	ng	99
38) 1-Methylnaphthalene	8.980	142	652303	48.693	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	331879	51.923	ng	99
41) Hexachlorocyclopentadiene	9.033	237	348918	156.886	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	253091	55.928	ng	99

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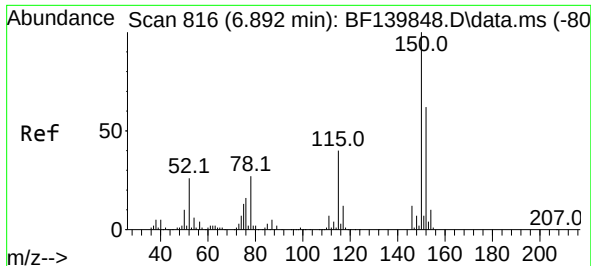
Manual Integrations
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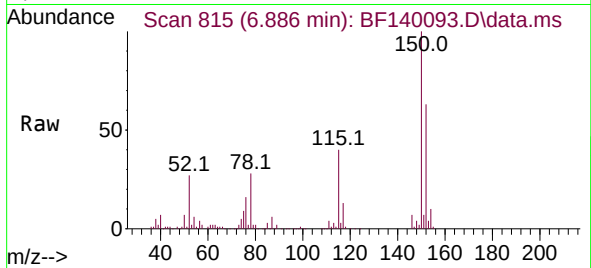
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	253581	54.313	ng	98
46) 1,1'-Biphenyl	9.345	154	857737	52.006	ng	100
47) 2-Chloronaphthalene	9.375	162	680498	51.228	ng	99
48) 2-Nitroaniline	9.463	65	244814	60.258	ng	99
49) Acenaphthylene	9.786	152	1071538	55.796	ng	99
50) Dimethylphthalate	9.645	163	828465	56.139	ng	100
51) 2,6-Dinitrotoluene	9.710	165	177848	55.660	ng	95
52) Acenaphthene	9.963	154	668819	53.836	ng	99
53) 3-Nitroaniline	9.875	138	128514	39.002	ng	97
54) 2,4-Dinitrophenol	9.980	184	66396	52.460	ng	# 1
55) Dibenzofuran	10.133	168	950618	53.332	ng	99
56) 4-Nitrophenol	10.033	139	257304	101.497	ng	99
57) 2,4-Dinitrotoluene	10.110	165	238589	60.720	ng	99
58) Fluorene	10.475	166	727096	53.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	204109	55.766	ng	99
60) Diethylphthalate	10.345	149	792166	54.672	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	374542	54.630	ng	97
62) 4-Nitroaniline	10.492	138	166610	53.537	ng	98
63) Azobenzene	10.627	77	802948	52.271	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	66402	40.805	ng	95
66) n-Nitrosodiphenylamine	10.586	169	673533	56.408	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	231386	56.299	ng	98
68) Hexachlorobenzene	11.022	284	257174	55.638	ng	98
69) Atrazine	11.110	200	211444	65.372	ng	99
70) Pentachlorophenol	11.216	266	237118	84.525	ng	99
71) Phenanthrene	11.439	178	1027335	54.516	ng	100
72) Anthracene	11.492	178	1041878	56.666	ng	100
73) Carbazole	11.639	167	877488	51.316	ng	100
74) Di-n-butylphthalate	11.969	149	1110467	56.209	ng	100
75) Fluoranthene	12.621	202	920478	48.318	ng	100
77) Benzidine	12.745	184	27530	8.201	ng	98
78) Pyrene	12.851	202	902116	50.481	ng	99
80) Butylbenzylphthalate	13.468	149	344594	64.319	ng	100
81) Benzo(a)anthracene	14.039	228	746125	56.143	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	188100	48.544	ng	99
83) Chrysene	14.074	228	707350	58.050	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	458667	76.306	ng	100
85) Di-n-octyl phthalate	14.639	149	799157	73.095	ng	97
87) Indeno(1,2,3-cd)pyrene	17.021	276	748376	45.387	ng	99
88) Benzo(b)fluoranthene	15.092	252	856677	54.869	ng	100
89) Benzo(k)fluoranthene	15.127	252	777981	57.778	ng	99
90) Benzo(a)pyrene	15.468	252	787766	61.319	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	626364	45.536	ng	98
92) Benzo(g,h,i)perylene	17.474	276	506321	36.850	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

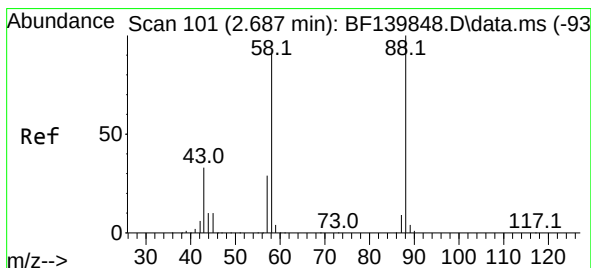
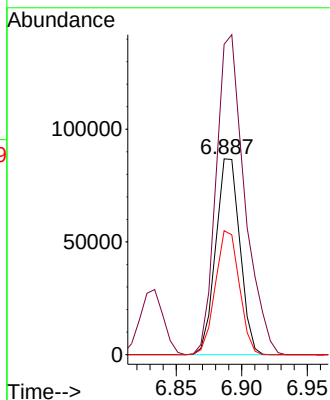
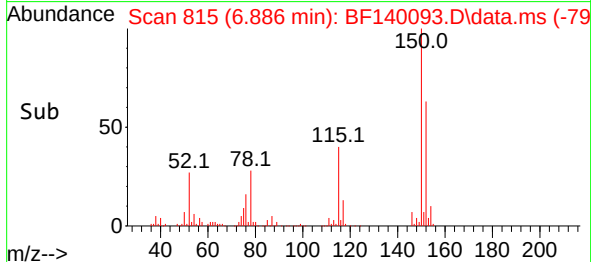
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



Tgt Ion:152 Resp: 111820
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.2
115 63.3 51.4 77.2

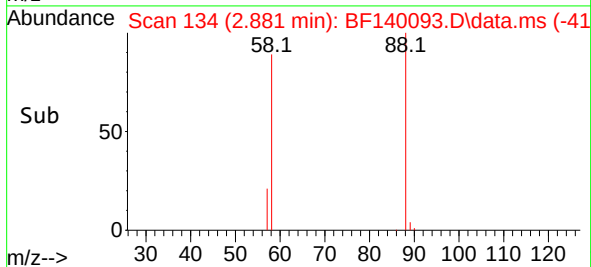
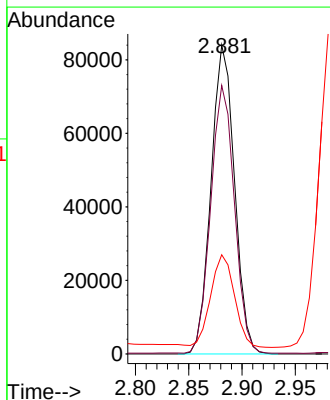
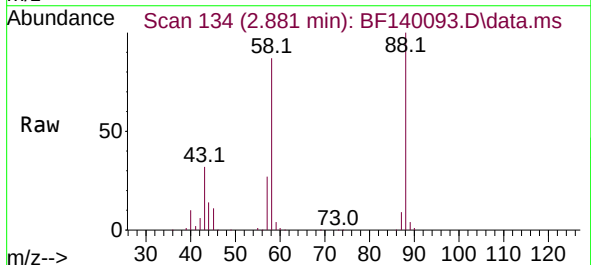
Manual Integrations
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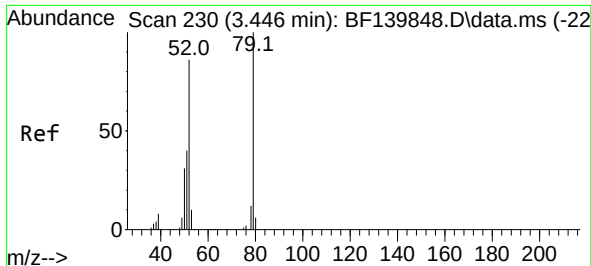
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#2
1,4-Dioxane
Concen: 38.700 ng
RT: 2.881 min Scan# 134
Delta R.T. 0.194 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion: 88 Resp: 128884
Ion Ratio Lower Upper
88 100
58 87.7 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 25.053 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.141 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

Tgt Ion: 79 Resp: 206806

Ion Ratio Lower Upper

79 100

52 83.6 68.5 102.7

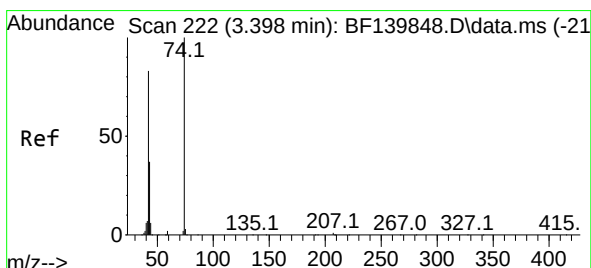
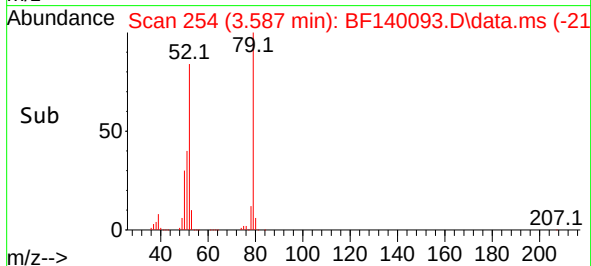
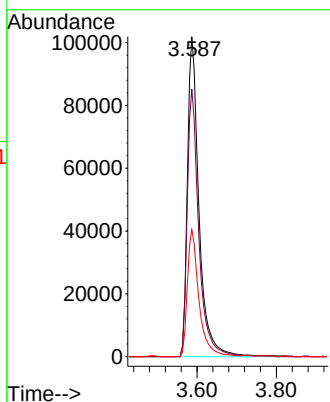
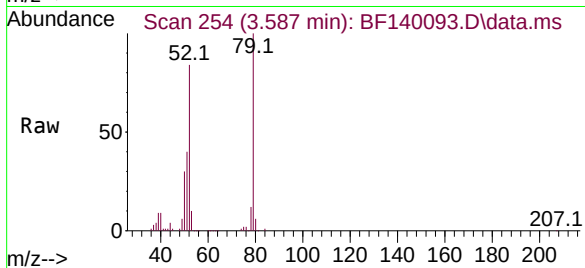
51 39.7 32.3 48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.820 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.118 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

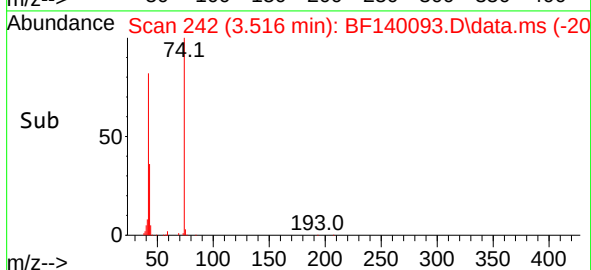
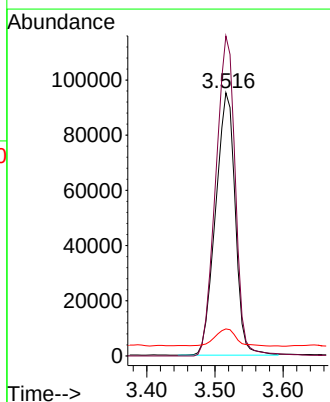
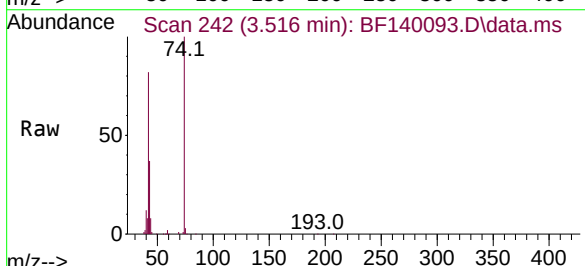
Tgt Ion: 42 Resp: 189912

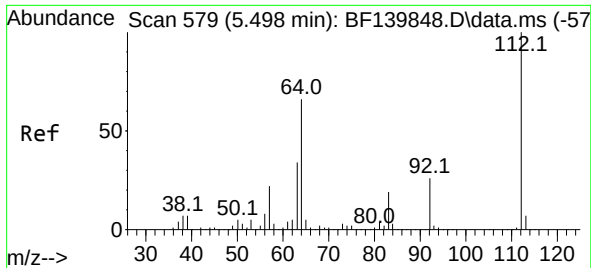
Ion Ratio Lower Upper

42 100

74 121.6 96.2 144.4

44 10.3 6.2 9.2#





#5
2-Fluorophenol
Concen: 136.371 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

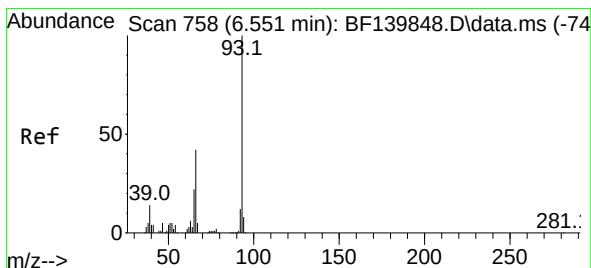
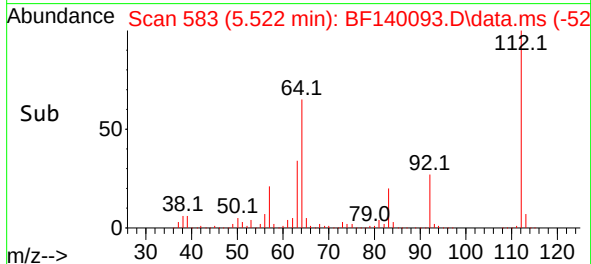
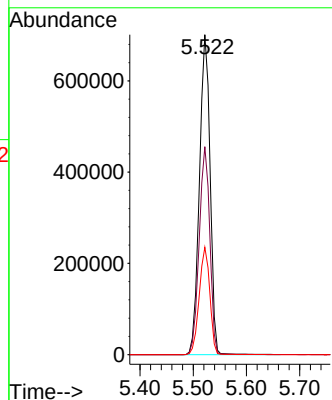
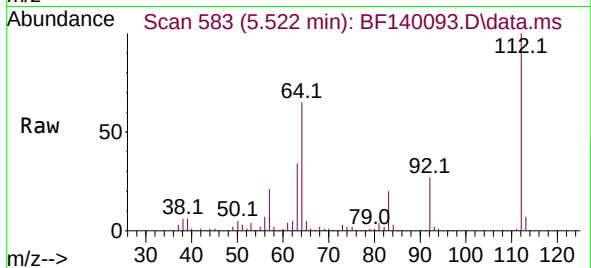
VNJ-215MSD

Tgt Ion:112 Resp: 974076
Ion Ratio Lower Upper
112 100
64 65.0 53.0 79.6
63 33.5 27.0 40.4

Manual Integrations

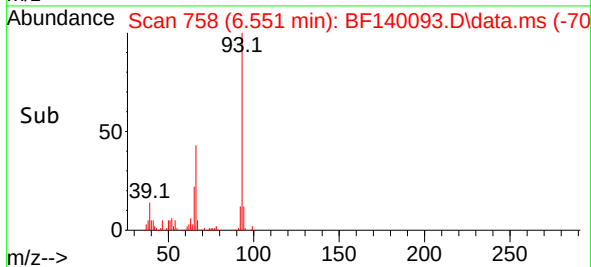
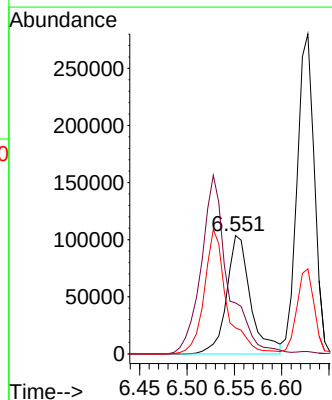
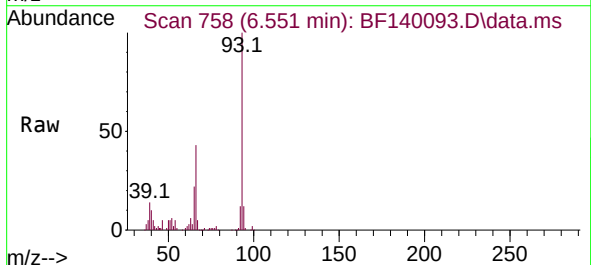
APPROVED

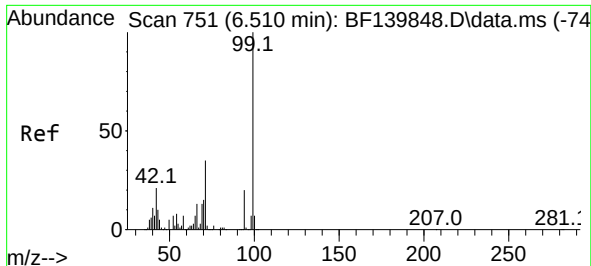
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#6
Aniline
Concen: 21.161 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

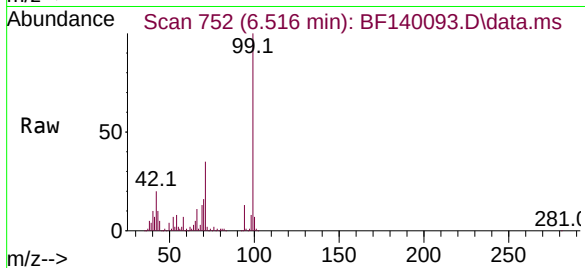
Tgt Ion: 93 Resp: 182449
Ion Ratio Lower Upper
93 100
66 43.1 34.0 51.0
65 22.1 17.4 26.0





#7
Phenol-d6
Concen: 131.779 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

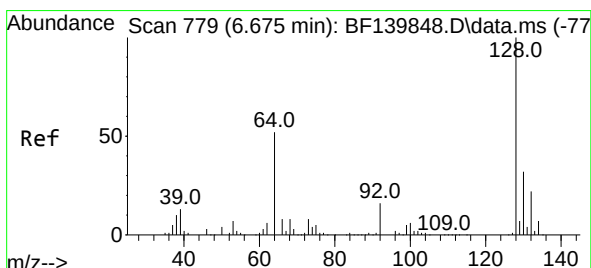
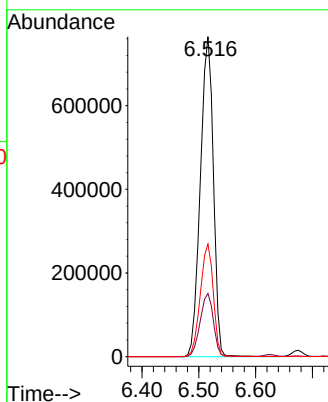
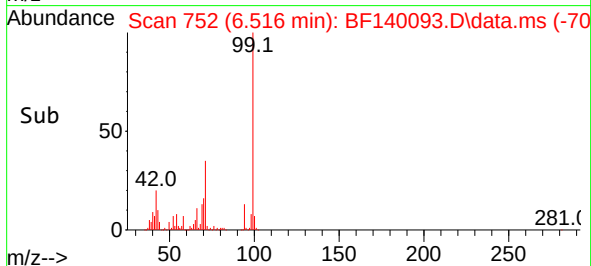
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



Tgt Ion: 99 Resp: 1219104
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 35.2 27.7 41.5

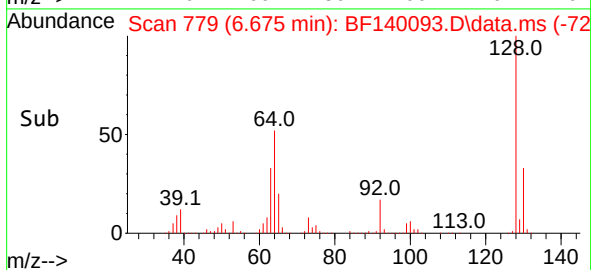
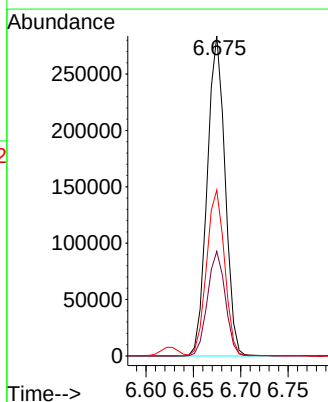
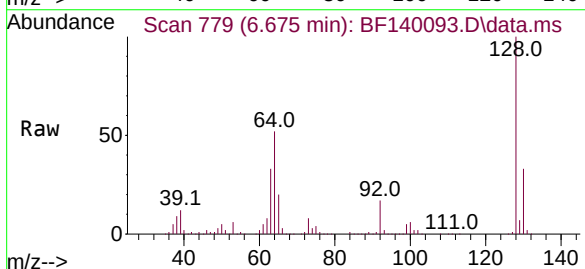
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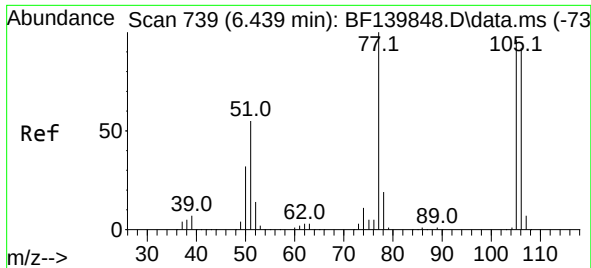
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#8
2-Chlorophenol
Concen: 51.076 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:128 Resp: 372961
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 51.8 34.6 74.6





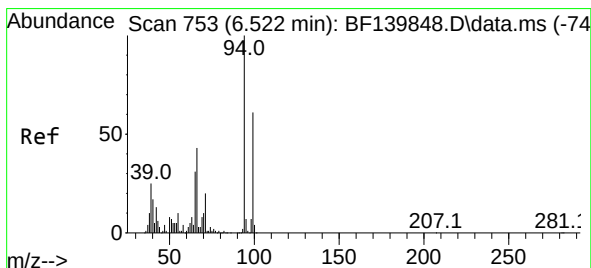
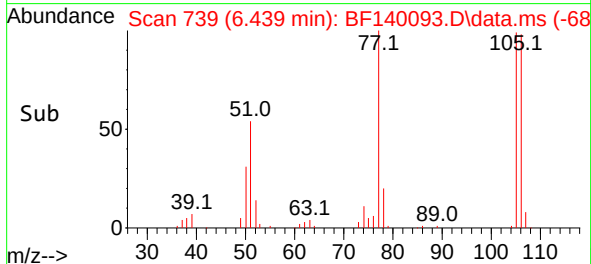
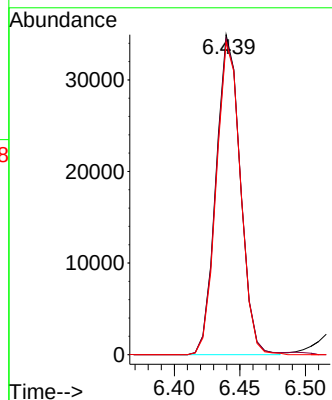
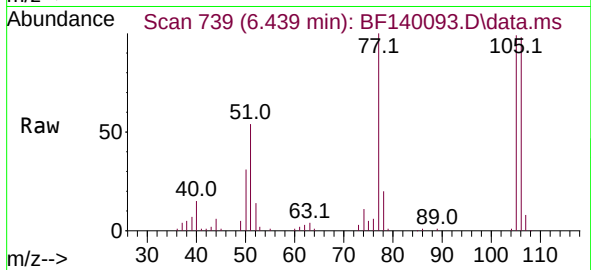
#9
Benzaldehyde
Concen: 8.637 ng
RT: 6.439 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD

Tgt Ion: 77 Resp: 44949
Ion Ratio Lower Upper
77 100
105 98.6 75.5 115.5
106 97.6 71.7 111.7

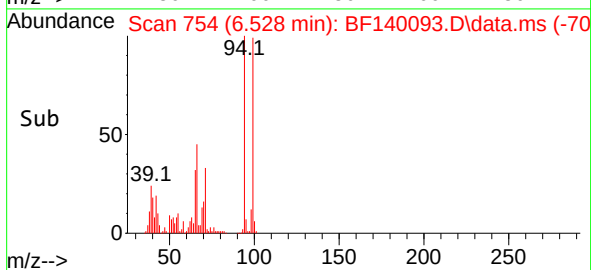
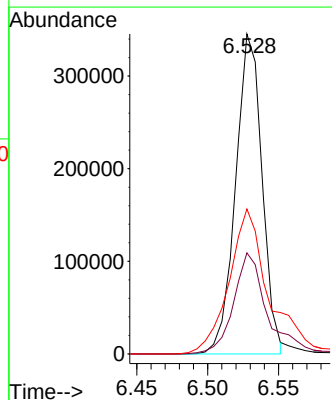
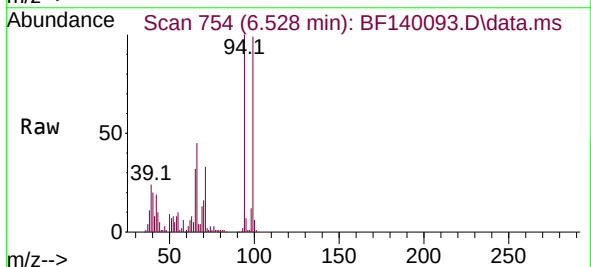
Manual Integrations
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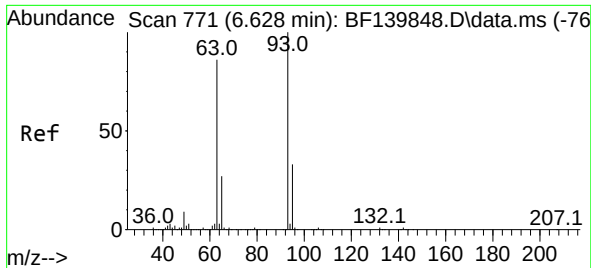
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#10
Phenol
Concen: 47.016 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

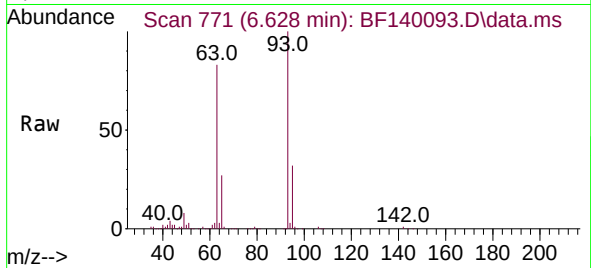
Tgt Ion: 94 Resp: 448413
Ion Ratio Lower Upper
94 100
65 31.6 11.1 51.1
66 45.3 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 48.313 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

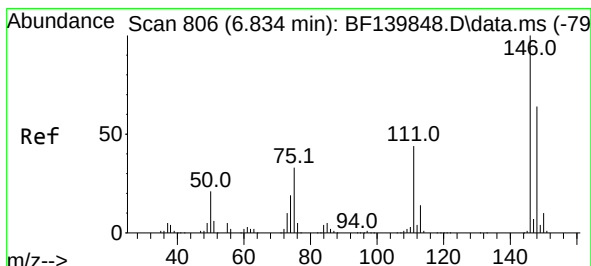
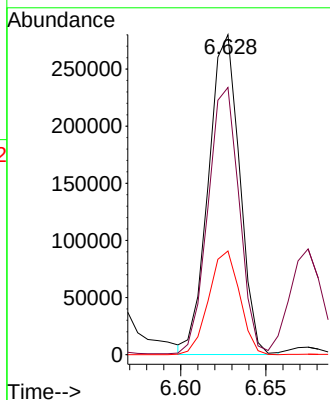
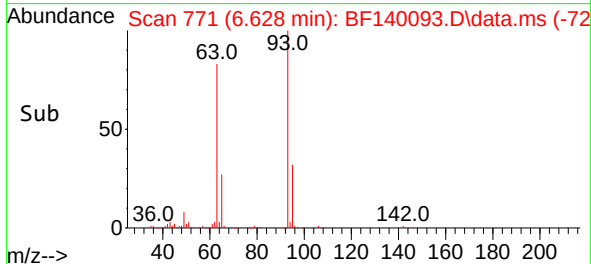
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



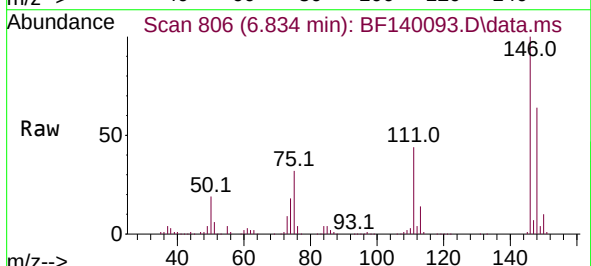
Tgt Ion: 93 Resp: 356154
Ion Ratio Lower Upper
93 100
63 83.5 65.0 105.0
95 32.4 12.4 52.4

Manual Integrations
APPROVED

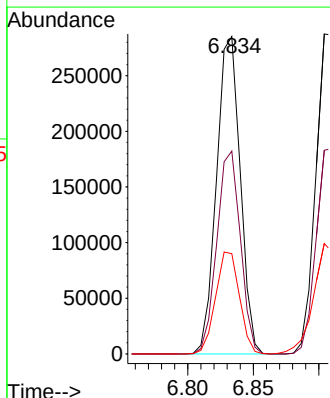
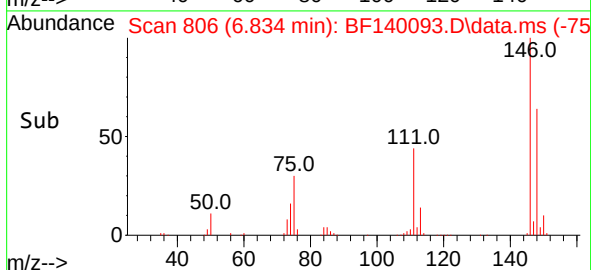
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

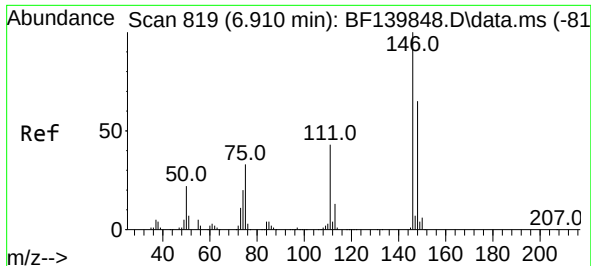


#12
1,3-Dichlorobenzene
Concen: 42.853 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:146 Resp: 359207
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 31.6 26.4 39.6





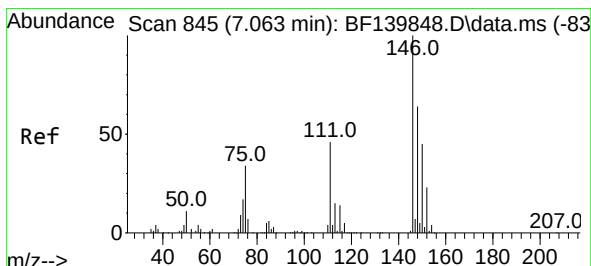
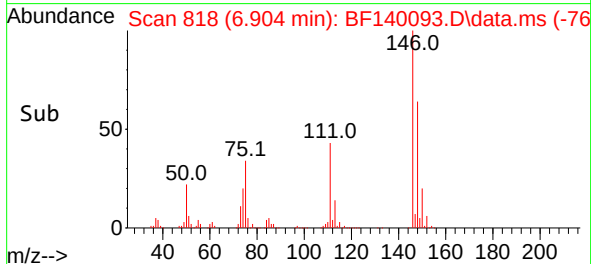
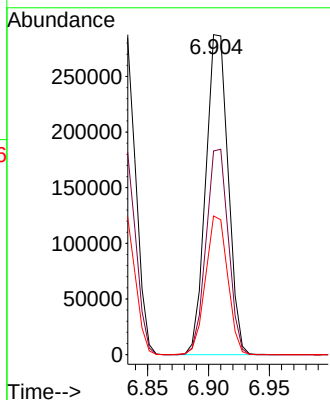
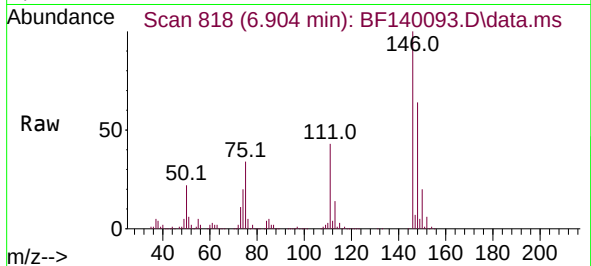
#13
1,4-Dichlorobenzene
Concen: 43.866 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD

Tgt Ion:146 Resp: 367348
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 43.3 34.6 51.8

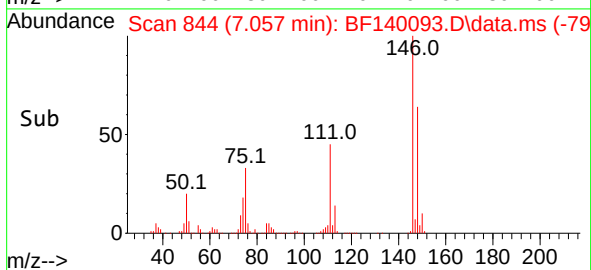
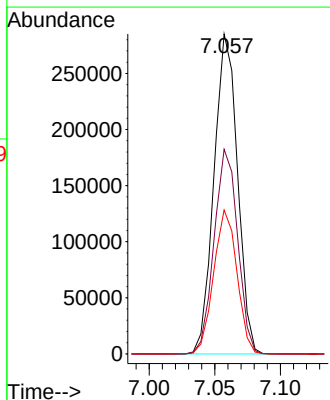
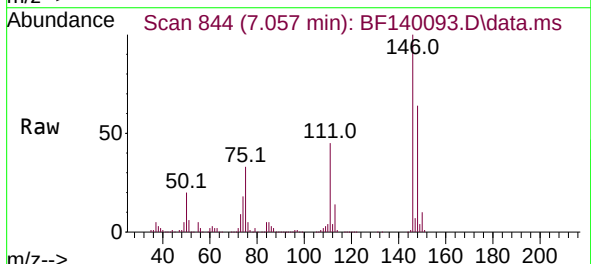
Manual Integrations
APPROVED

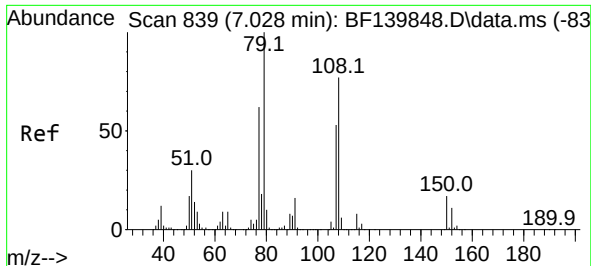
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#14
1,2-Dichlorobenzene
Concen: 45.529 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

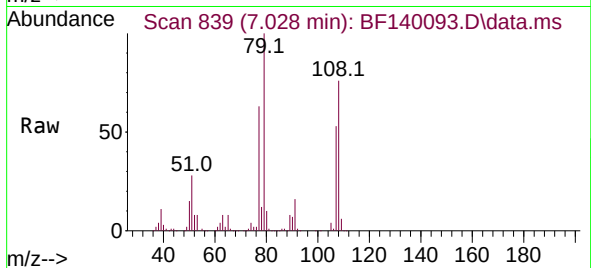
Tgt Ion:146 Resp: 355848
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 45.0 36.7 55.1





#15
Benzyl Alcohol
Concen: 51.458 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

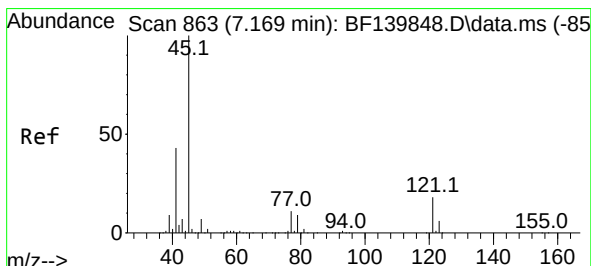
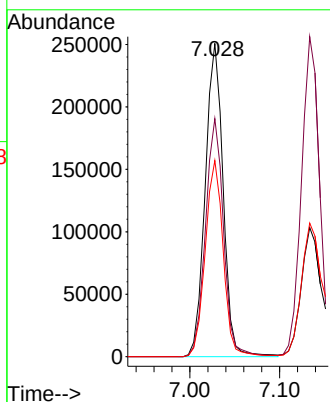
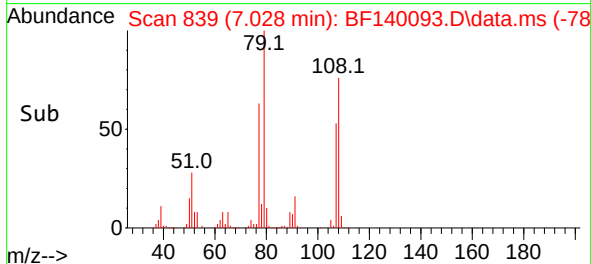
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



Tgt Ion: 79 Resp: 349195
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 62.6 49.9 74.9

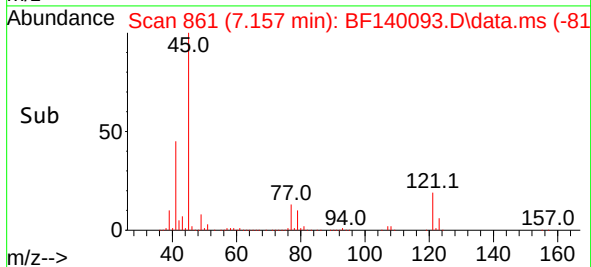
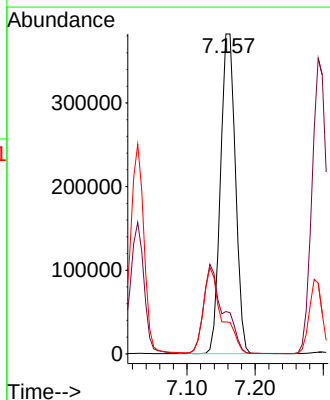
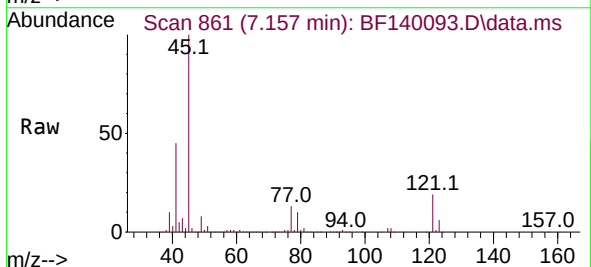
Manual Integrations
APPROVED

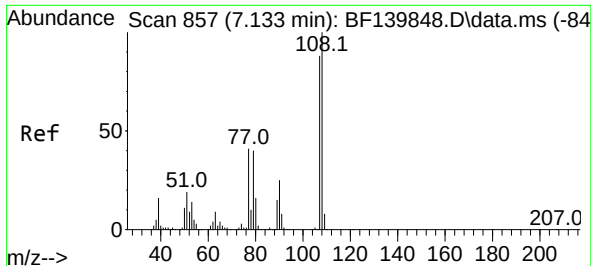
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.935 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

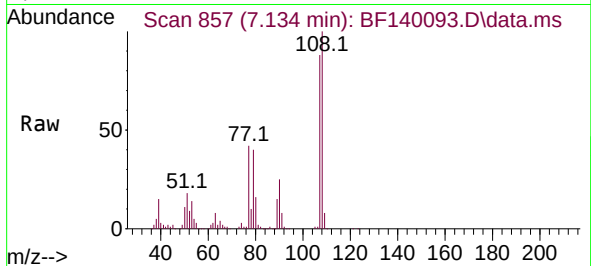
Tgt Ion: 45 Resp: 577398
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 10.0 0.0 29.1





#17
2-Methylphenol
Concen: 50.269 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

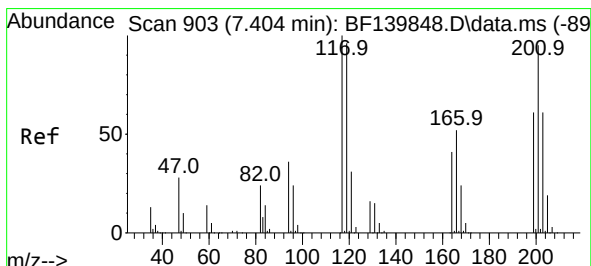
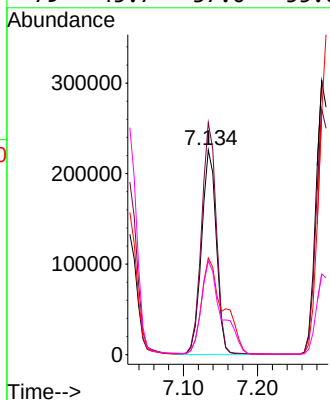
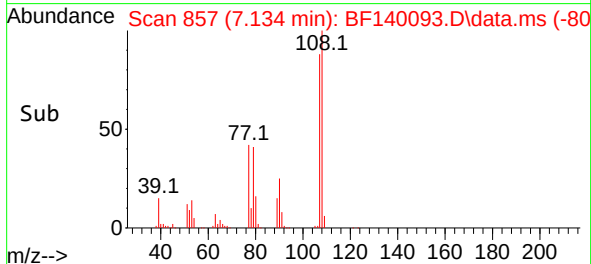
Instrument :
BNA_F
Client SampleId :
VNJ-215MSD



Tgt Ion:	107	Resp:	313004
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.3	136.9
77	47.3	37.1	55.7
79	45.7	37.0	55.6

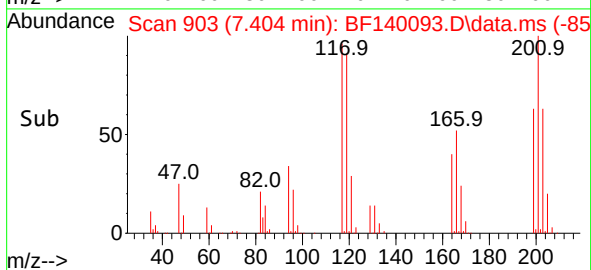
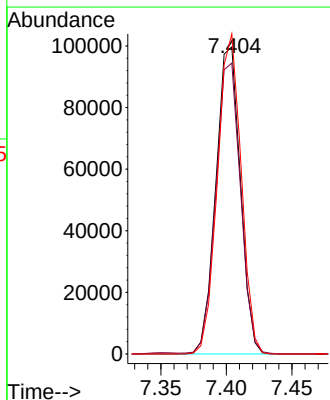
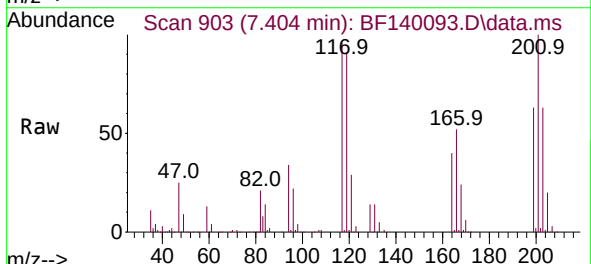
Manual Integrations
APPROVED

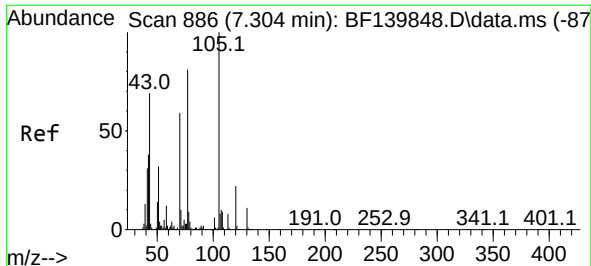
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#18
Hexachloroethane
Concen: 43.369 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:	117	Resp:	129514
Ion Ratio	Lower	Upper	
117	100		
119	94.7	77.0	115.4
201	104.2	76.2	114.4





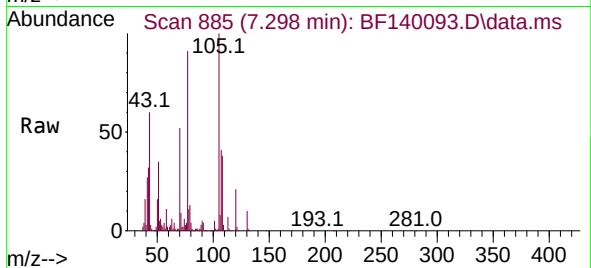
#19
n-Nitroso-di-n-propylamine
Concen: 48.688 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD



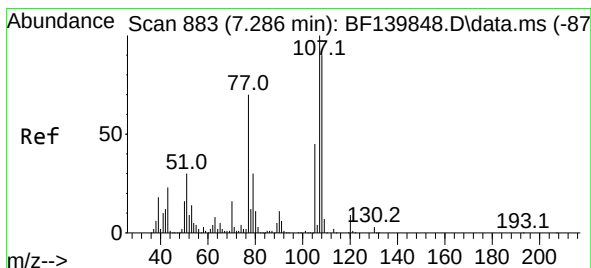
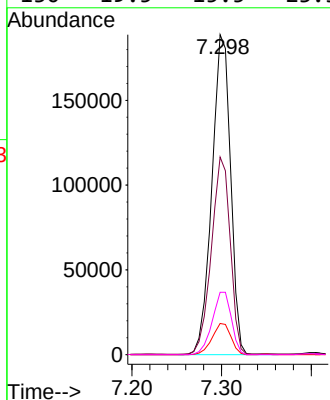
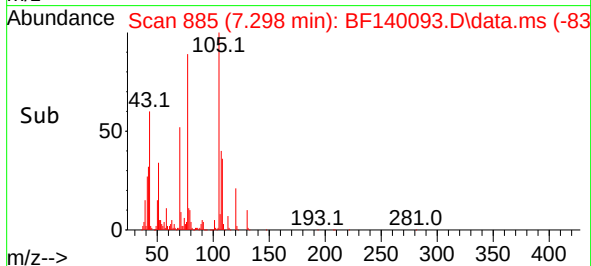
Tgt Ion: 70 Resp: 273178
Ion Ratio Lower Upper
70 100
42 61.7 51.5 77.3
101 9.7 7.5 11.3
130 19.5 15.5 23.3

Manual Integrations

APPROVED

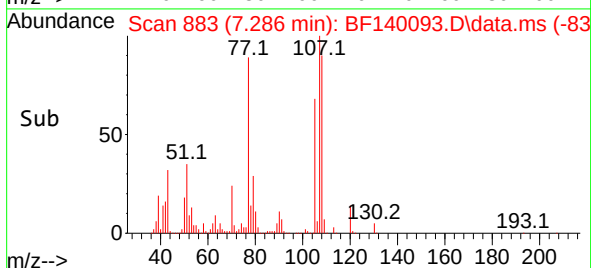
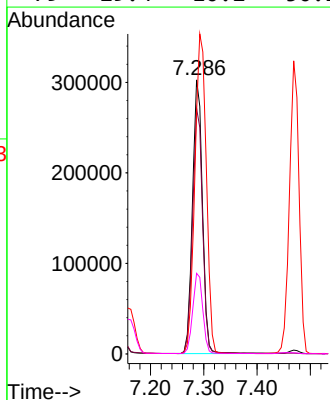
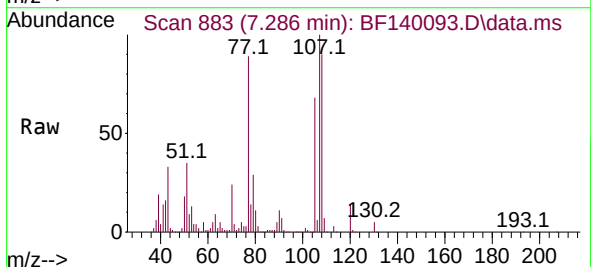
Reviewed By :Yogesh Patel 10/29/2024

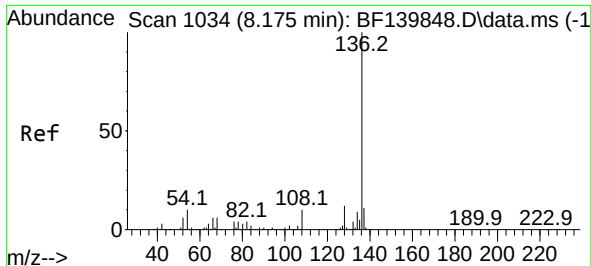
Supervised By :mohammad ahmed 10/30/2024



#20
3+4-Methylphenols
Concen: 49.549 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:107 Resp: 394617
Ion Ratio Lower Upper
107 100
108 89.6 69.8 109.8
77 88.5 50.5 90.5
79 29.4 10.2 50.2





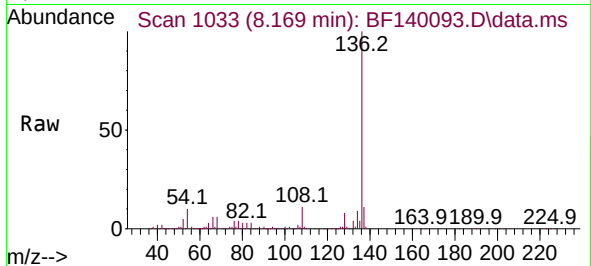
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

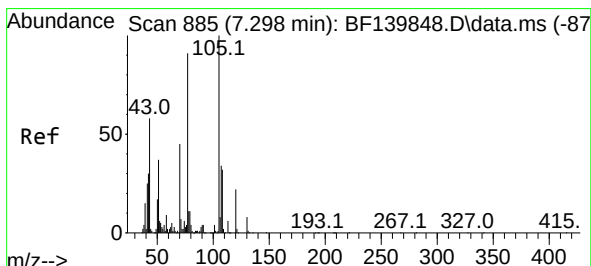
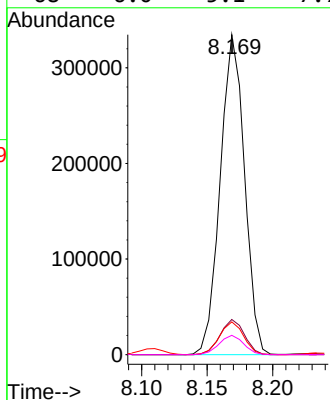
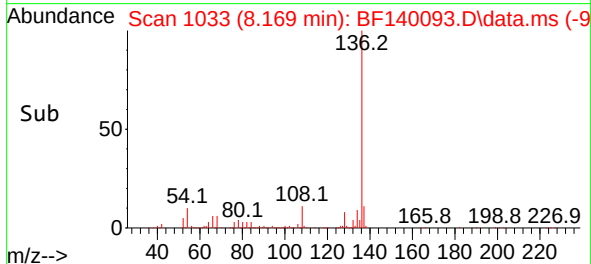


Tgt Ion:136 Resp: 432287
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 8.4 12.6
68 6.0 5.1 7.7

Manual Integrations

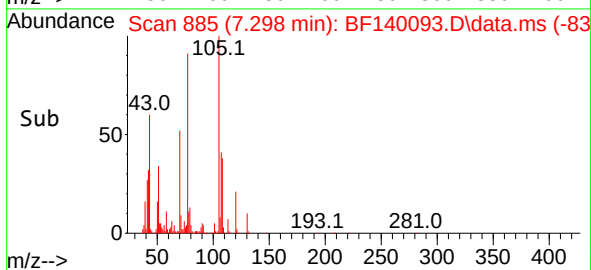
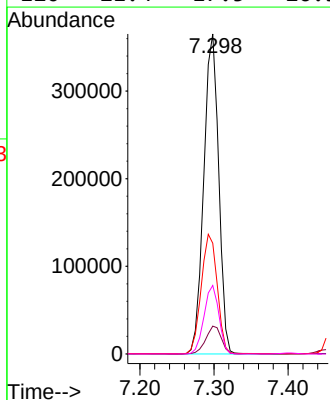
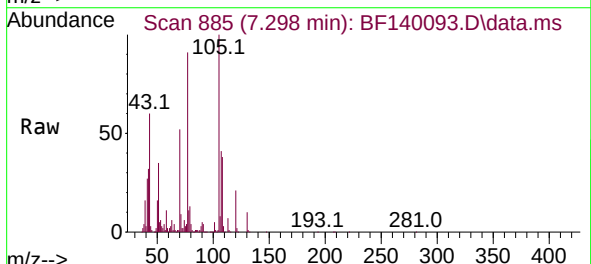
APPROVED

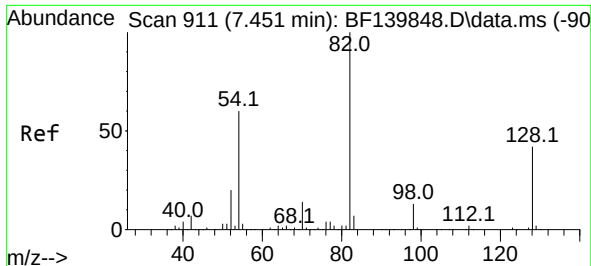
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#22
Acetophenone
Concen: 48.185 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:105 Resp: 510185
Ion Ratio Lower Upper
105 100
71 8.7 5.9 8.9
51 34.6 29.4 44.2
120 21.4 17.5 26.3





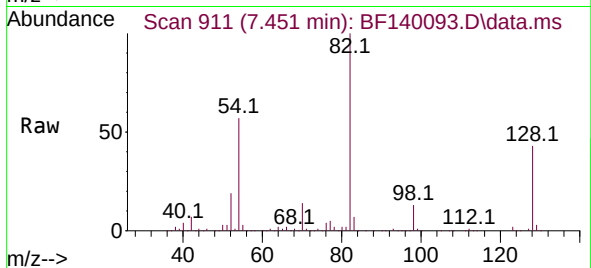
#23
Nitrobenzene-d5
Concen: 105.134 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

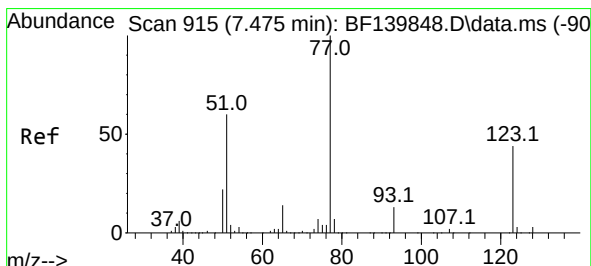
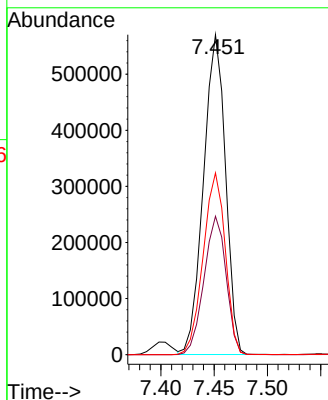
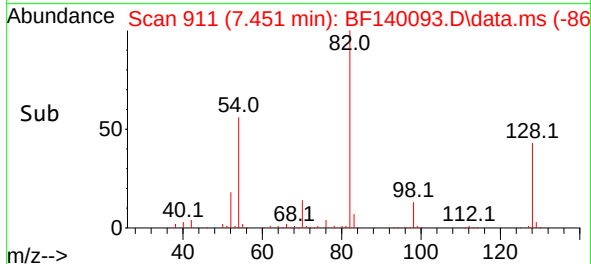


Tgt Ion: 82 Resp: 820015
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 56.8 47.8 71.8

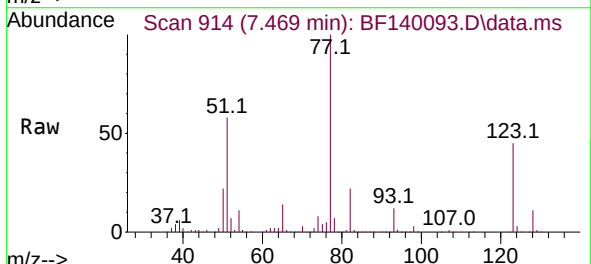
Manual Integrations

APPROVED

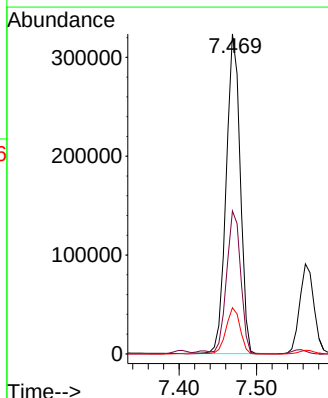
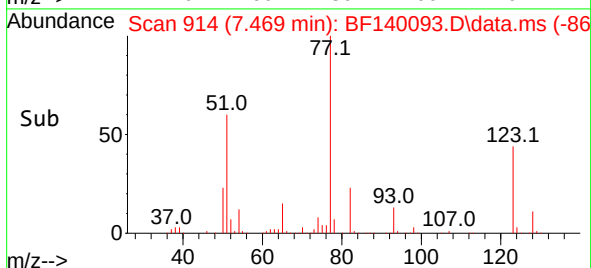
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

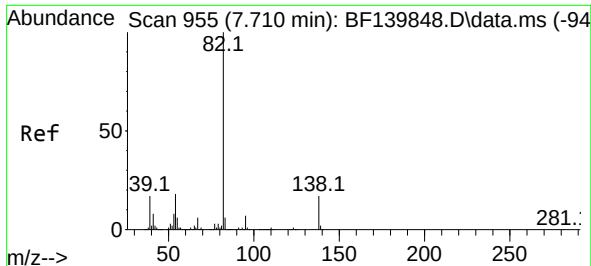


#24
Nitrobenzene
Concen: 47.472 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



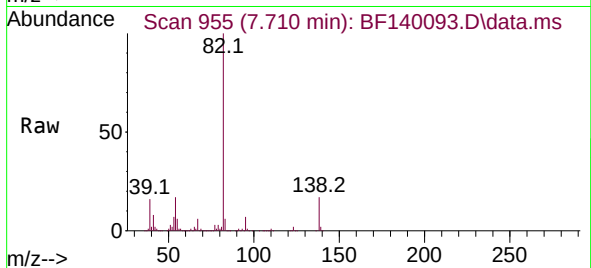
Tgt Ion: 77 Resp: 405962
Ion Ratio Lower Upper
77 100
123 44.7 35.7 53.5
65 14.5 11.5 17.3





#25
Isophorone
Concen: 51.431 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

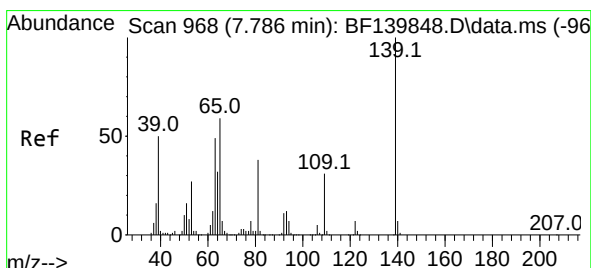
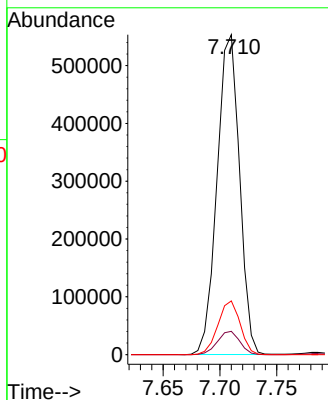
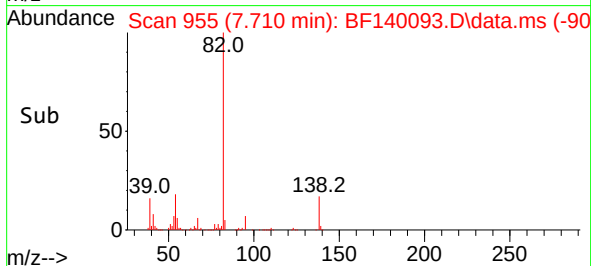
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



Tgt Ion: 82 Resp: 761382
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.8 13.2 19.8

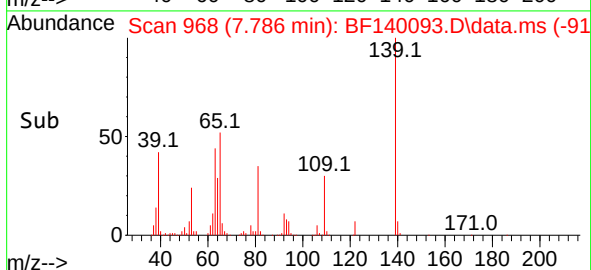
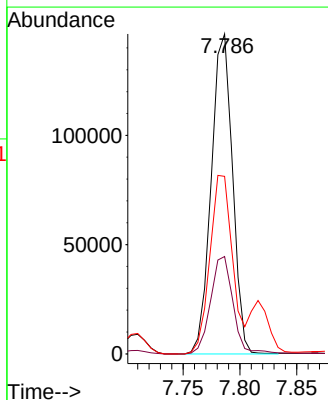
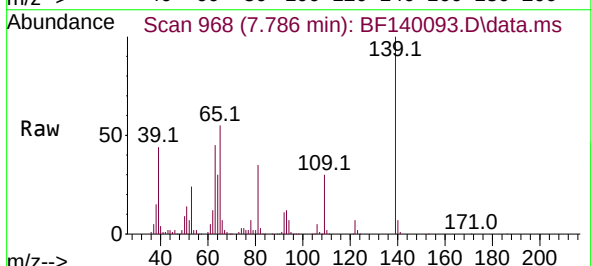
Manual Integrations
APPROVED

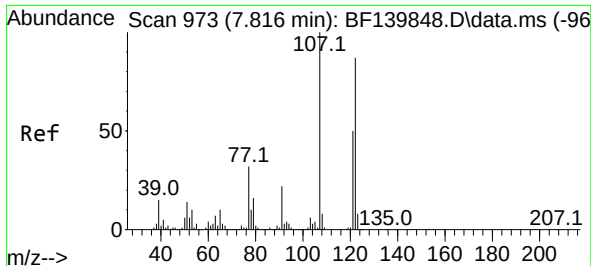
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#26
2-Nitrophenol
Concen: 59.118 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

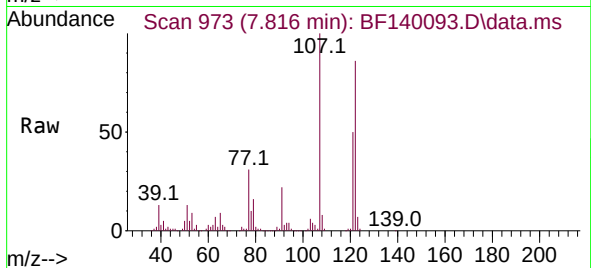
Tgt Ion:139 Resp: 190721
Ion Ratio Lower Upper
139 100
109 30.4 25.1 37.7
65 55.5 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 58.924 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

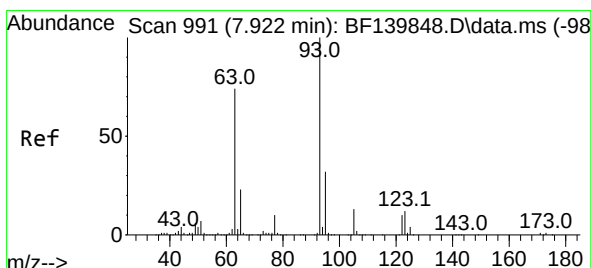
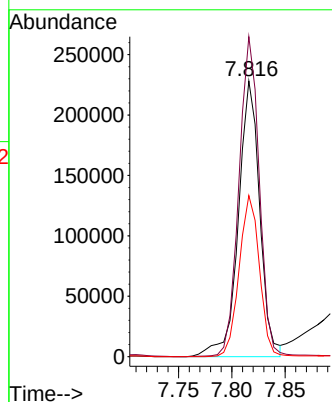
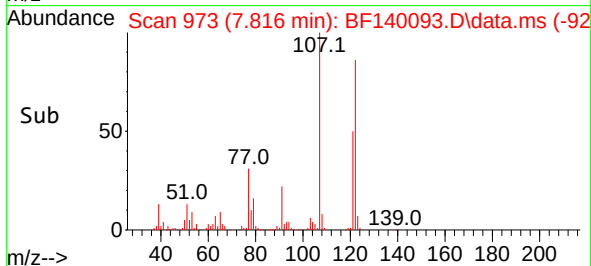
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



Tgt Ion:122 Resp: 316975
Ion Ratio Lower Upper
122 100
107 116.1 91.9 137.9
121 58.5 46.2 69.4

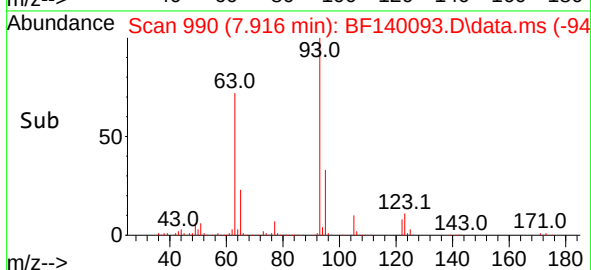
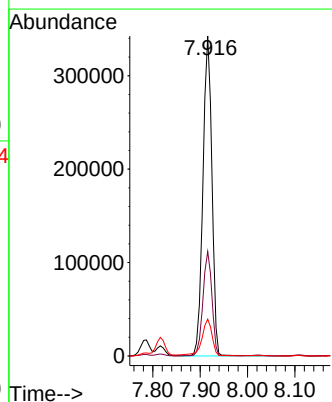
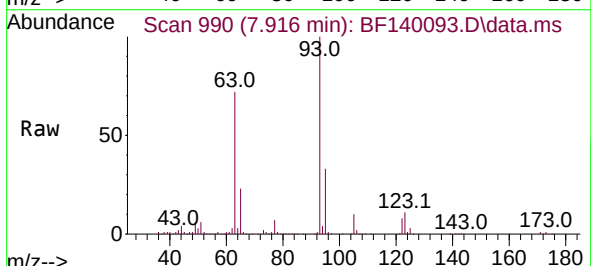
Manual Integrations
APPROVED

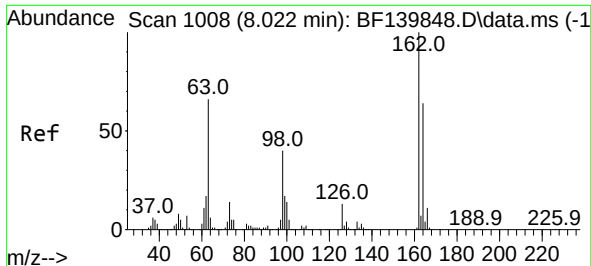
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.352 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion: 93 Resp: 451618
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.5 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 52.260 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

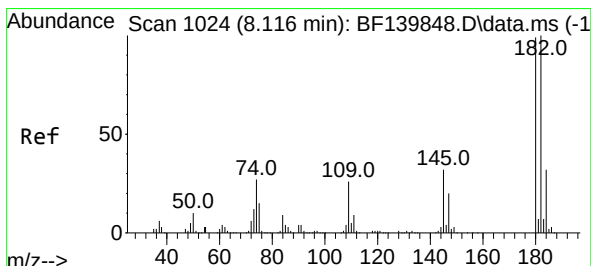
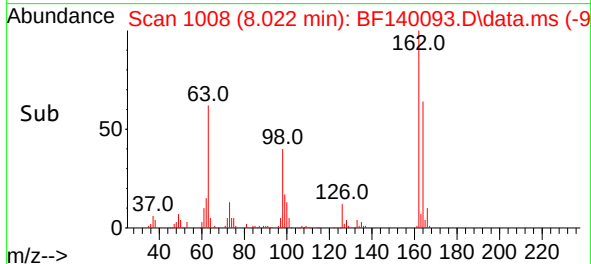
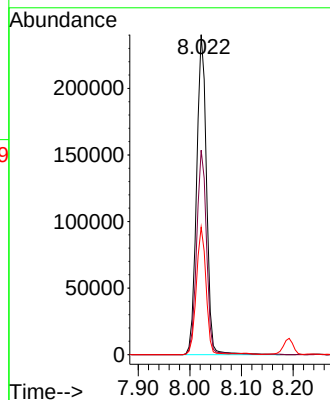
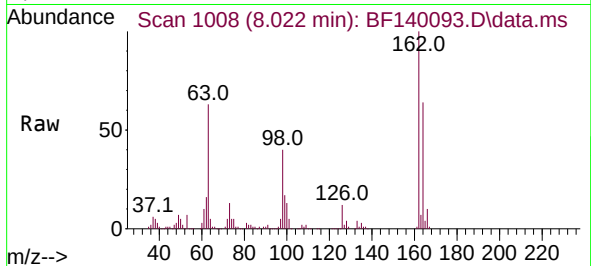
Tgt Ion:162	Resp:	32020
Ion Ratio	Lower	Upper
162	100	
164	63.9	43.9 83.9
98	39.8	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.333 ng

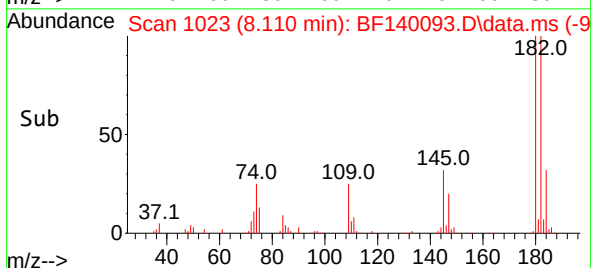
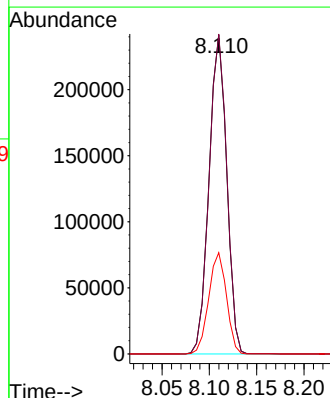
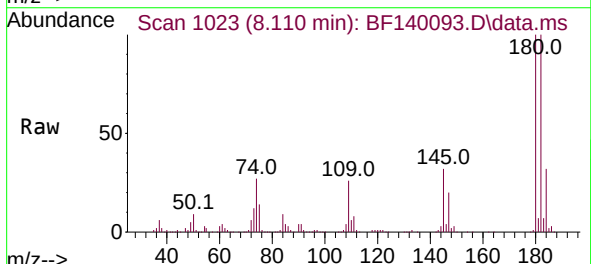
RT: 8.110 min Scan# 1023

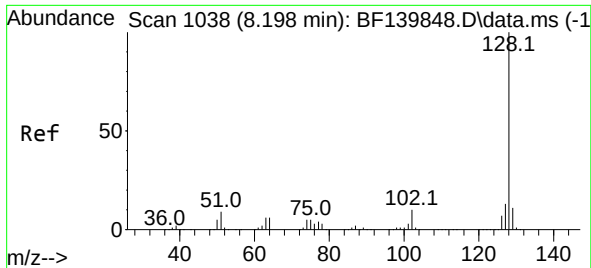
Delta R.T. -0.006 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Tgt Ion:180	Resp:	314131
Ion Ratio	Lower	Upper
180	100	
182	100.4	80.5 120.7
145	31.8	25.4 38.0





#31
Naphthalene
Concen: 47.730 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

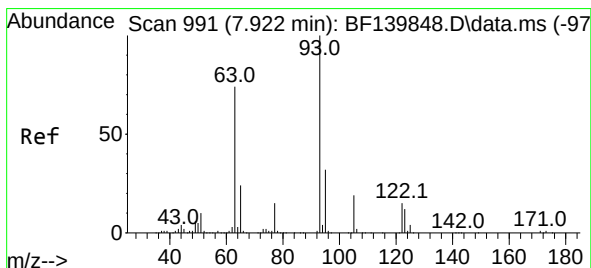
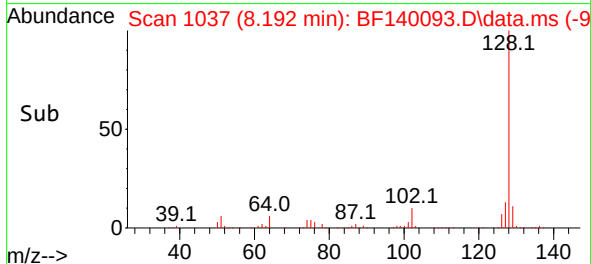
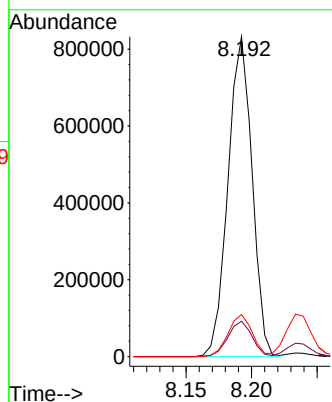
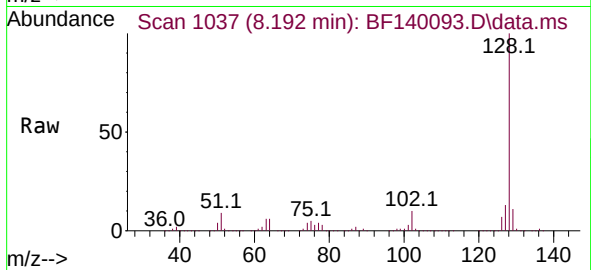
VNJ-215MSD

Tgt Ion:128 Resp: 1064132
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations

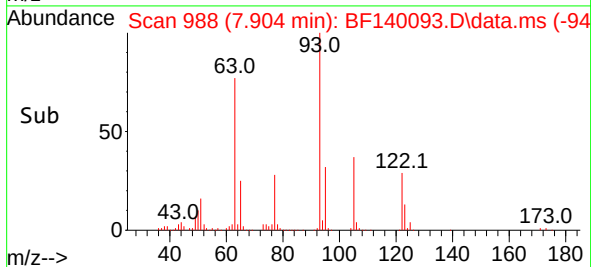
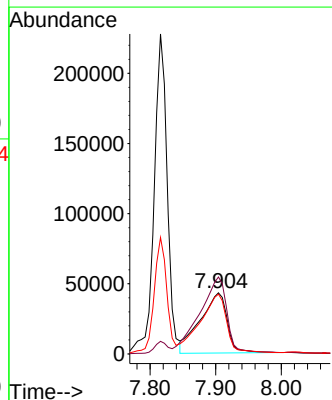
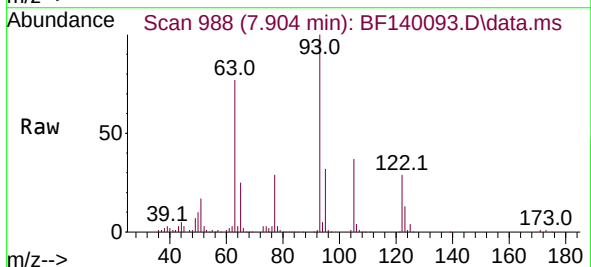
APPROVED

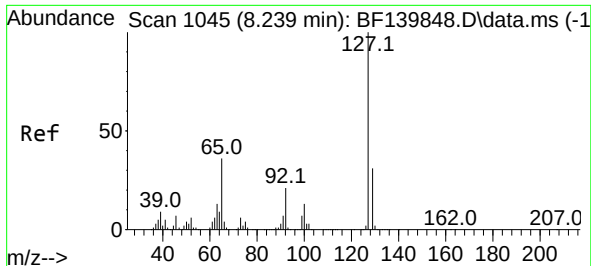
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#32
Benzoic acid
Concen: 26.347 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:122 Resp: 123617
Ion Ratio Lower Upper
122 100
105 125.8 107.6 147.6
77 97.8 80.2 120.2





#33
4-Chloroaniline
Concen: 19.854 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

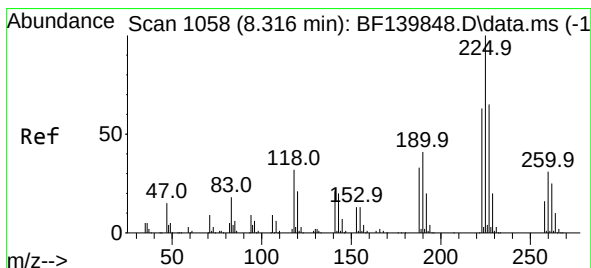
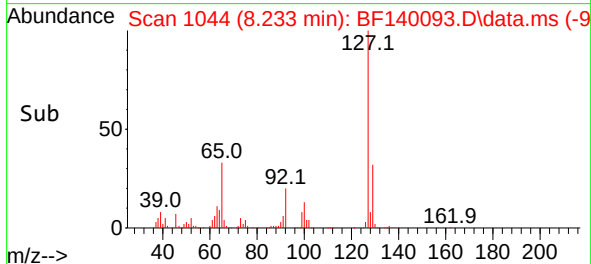
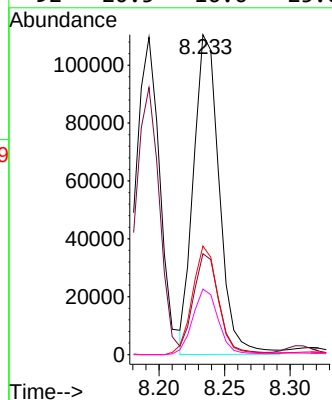
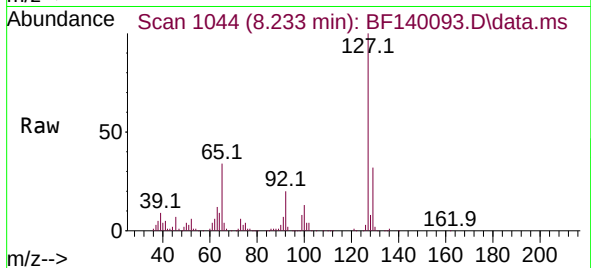
VNJ-215MSD

Tgt Ion:127 Resp: 150937
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.2
65 33.9 28.4 42.6
92 20.5 16.6 25.0

Manual Integrations

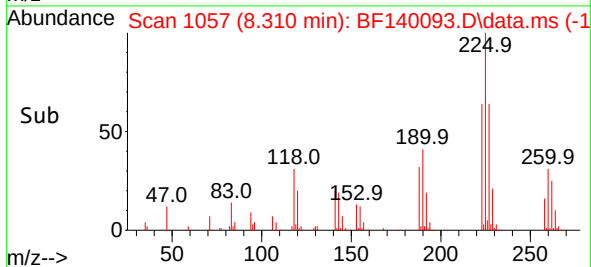
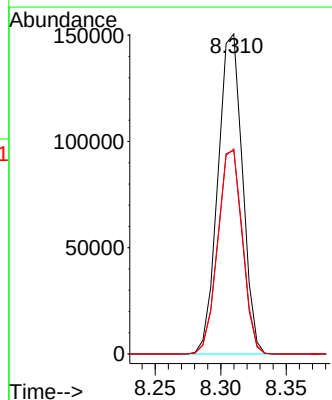
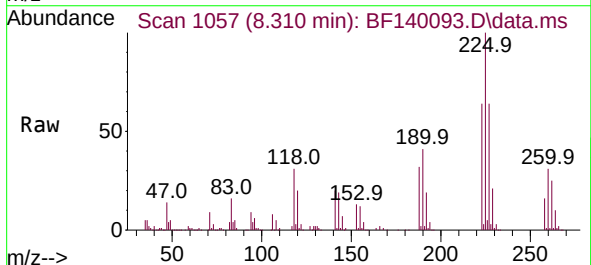
APPROVED

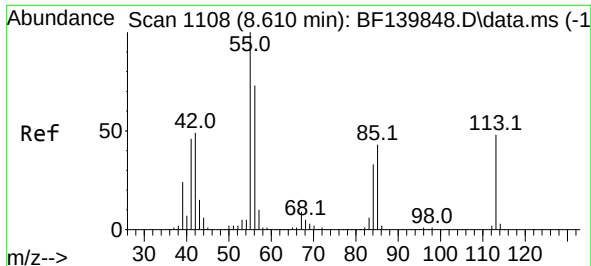
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#34
Hexachlorobutadiene
Concen: 46.081 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:225 Resp: 196299
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 64.1 51.8 77.8





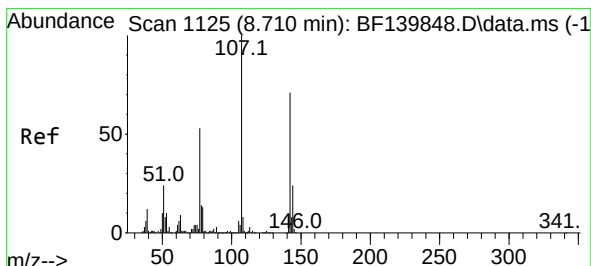
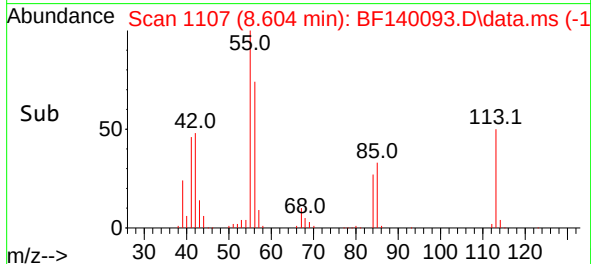
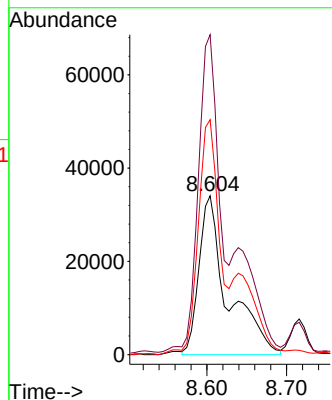
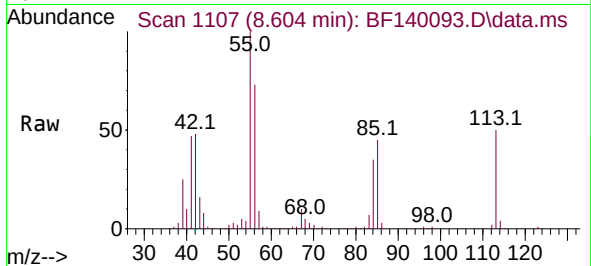
#35
Caprolactam
Concen: 43.800 ng m
RT: 8.604 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD

Tgt Ion:113 Resp: 85333
Ion Ratio Lower Upper
113 100
55 201.5 189.2 229.2
56 148.0 132.5 172.5

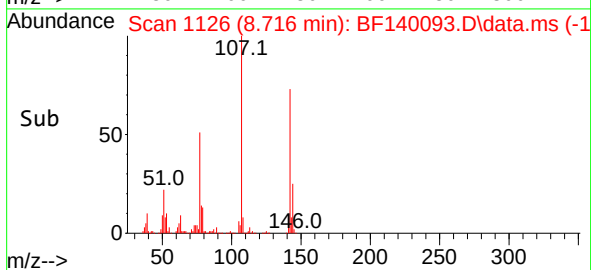
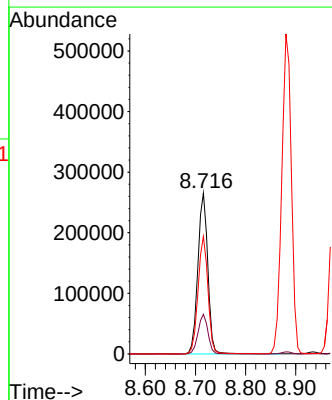
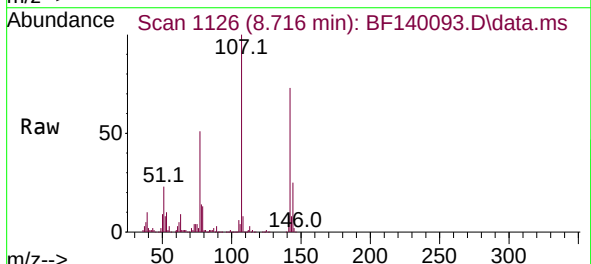
Manual Integrations
APPROVED

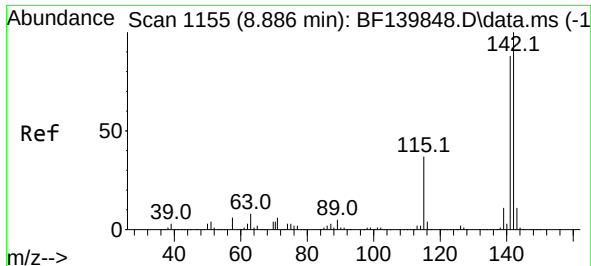
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#36
4-Chloro-3-methylphenol
Concen: 53.801 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:107 Resp: 365021
Ion Ratio Lower Upper
107 100
144 24.6 19.1 28.7
142 72.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 51.402 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

Tgt Ion:142 Resp: 701854

Ion Ratio Lower Upper

142 100

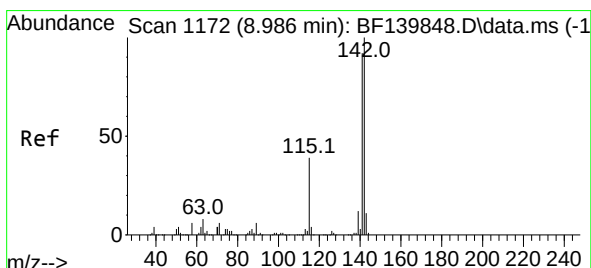
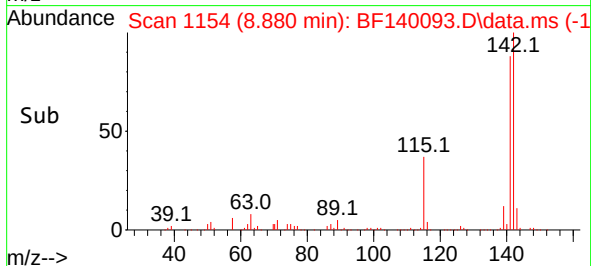
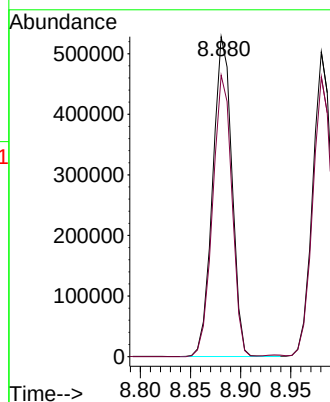
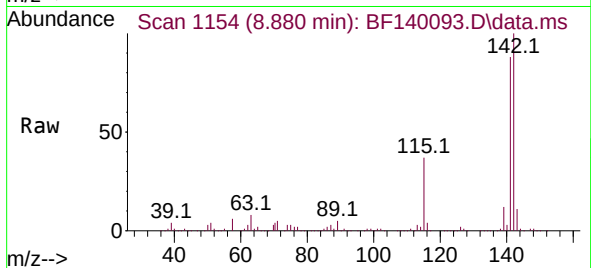
141 87.9 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#38

1-Methylnaphthalene

Concen: 48.693 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140093.D

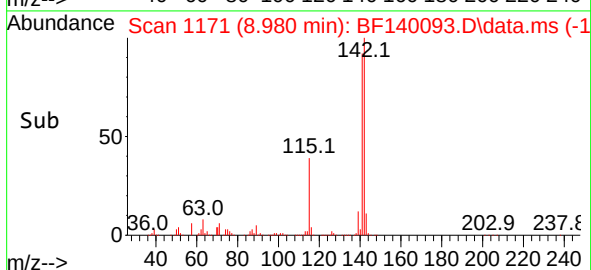
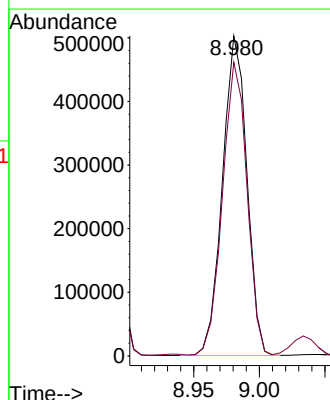
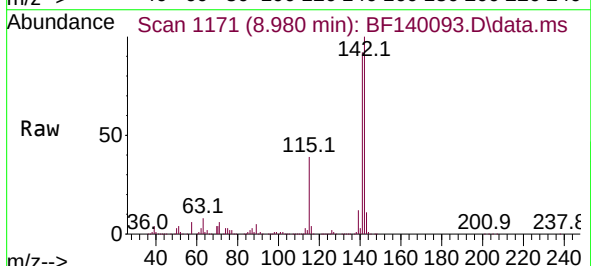
Acq: 28 Oct 2024 18:03

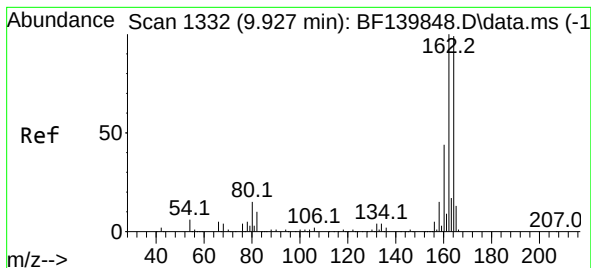
Tgt Ion:142 Resp: 652303

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF140093.D

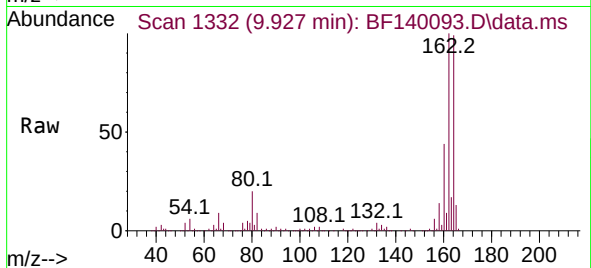
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD



Tgt Ion:164 Resp: 23692

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

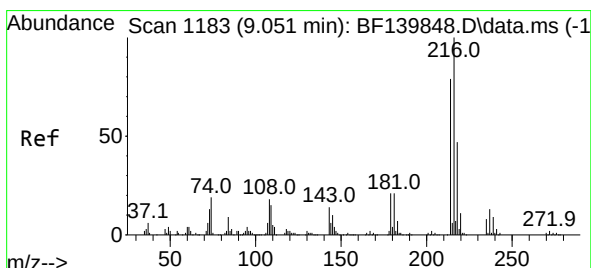
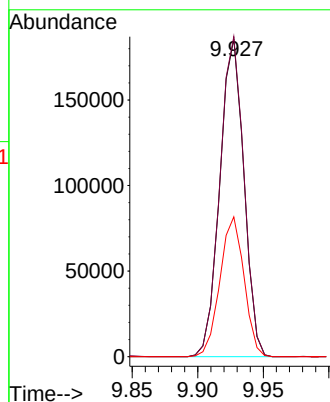
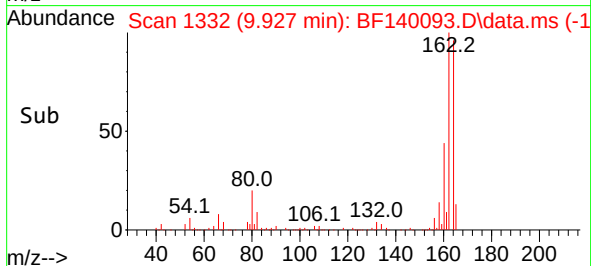
160 44.0 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.923 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Tgt Ion:216 Resp: 331879

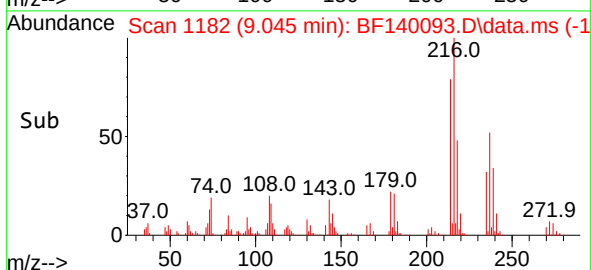
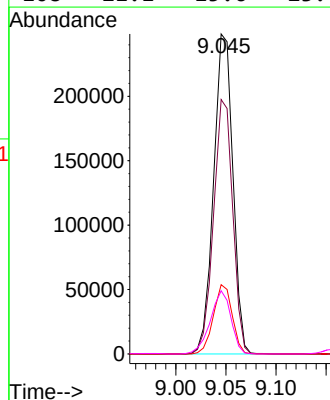
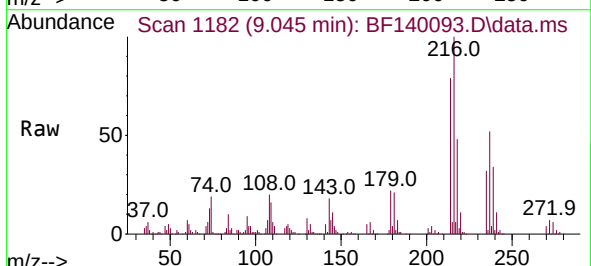
Ion Ratio Lower Upper

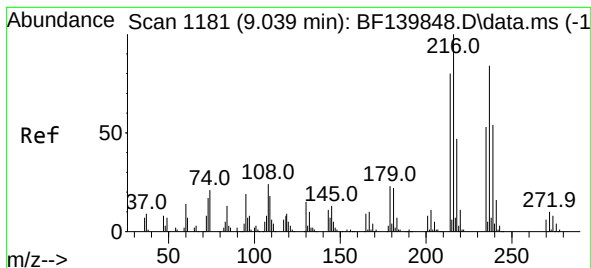
216 100

214 79.1 63.4 95.0

179 21.1 17.2 25.8

108 21.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 156.886 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

Tgt Ion:237 Resp: 348918

Ion Ratio Lower Upper

237 100

235 62.2 42.9 82.9

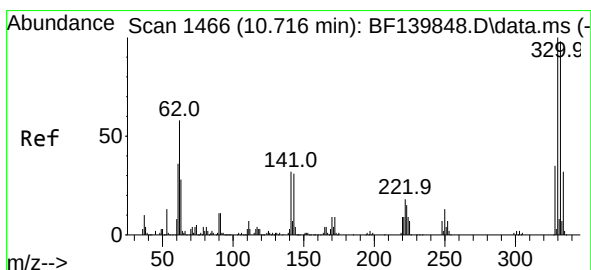
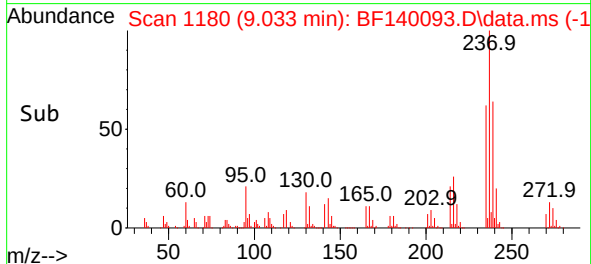
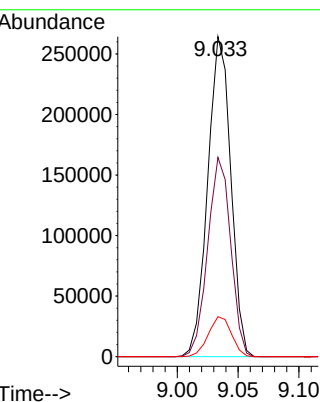
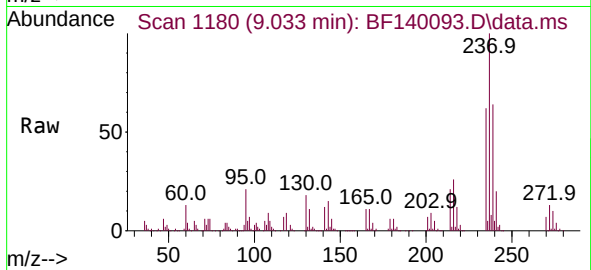
272 12.5 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#42

2,4,6-Tribromophenol

Concen: 161.659 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

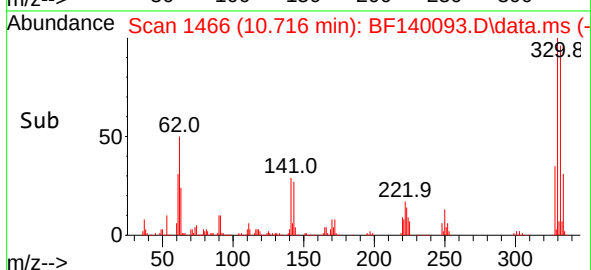
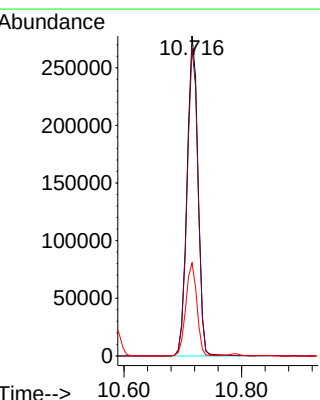
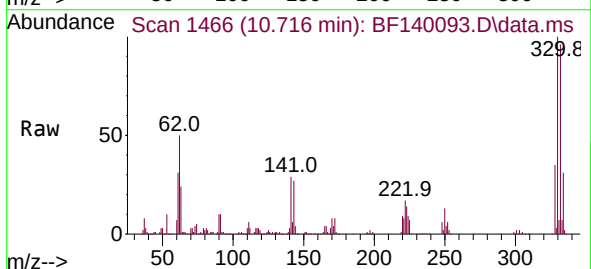
Tgt Ion:330 Resp: 358251

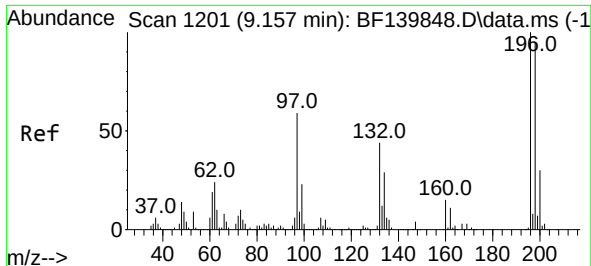
Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 29.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 55.928 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

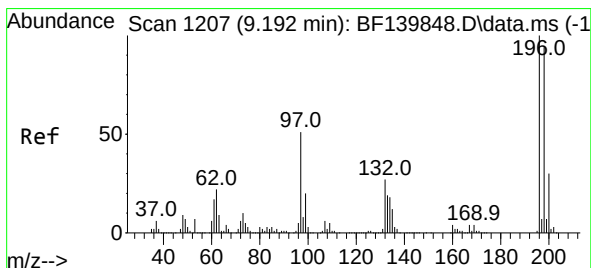
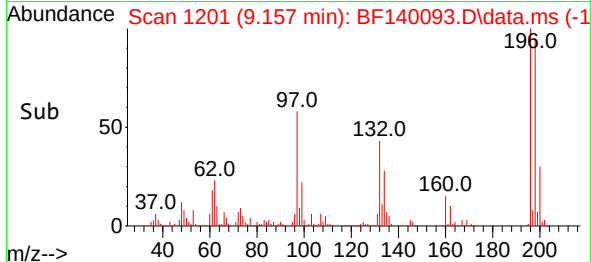
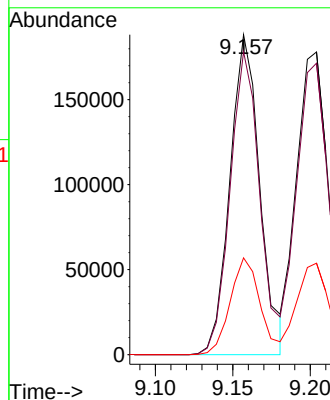
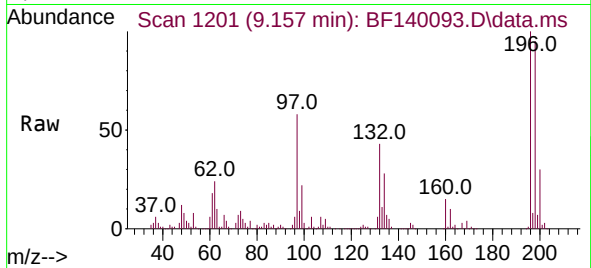
VNJ-215MSD

Tgt Ion:196 Resp: 253091
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 200 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



#44

2,4,5-Trichlorophenol

Concen: 54.313 ng

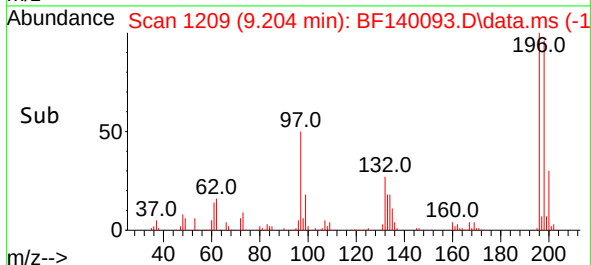
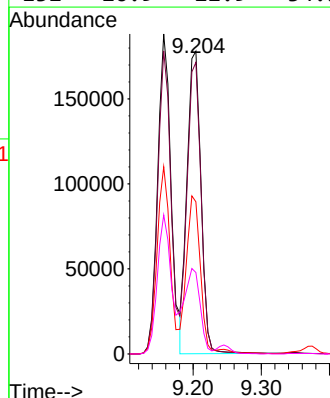
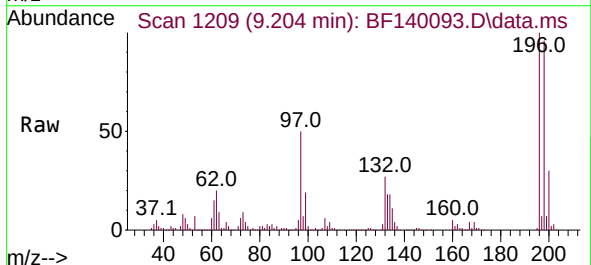
RT: 9.204 min Scan# 1209

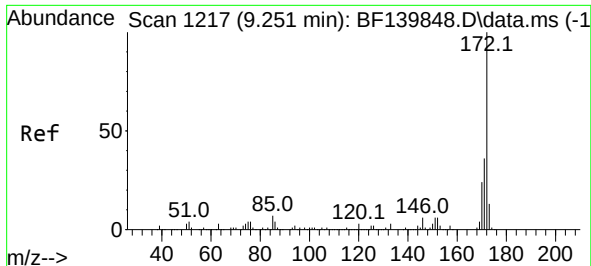
Delta R.T. 0.012 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Tgt Ion:196 Resp: 253581
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.8 113.6
 97 50.3 41.8 62.6
 132 26.9 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 100.702 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

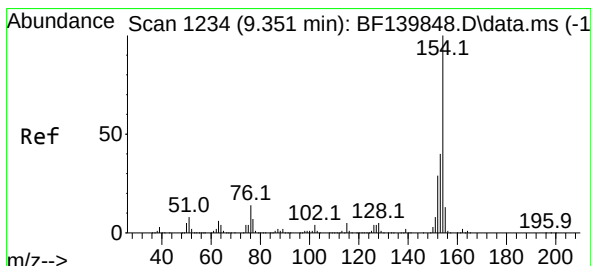
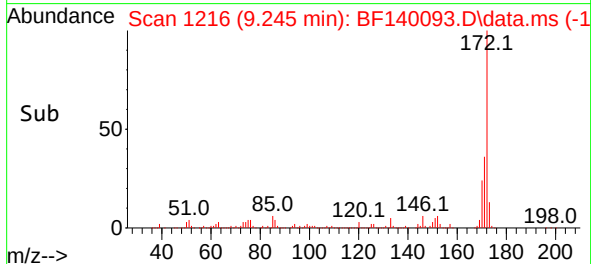
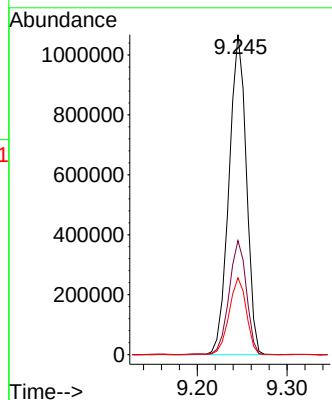
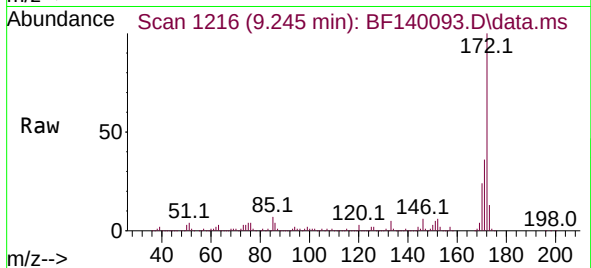
VNJ-215MSD

Tgt Ion:172 Resp: 1443612
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.1 28.7

Manual Integrations

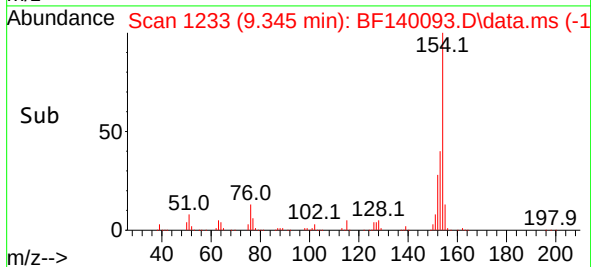
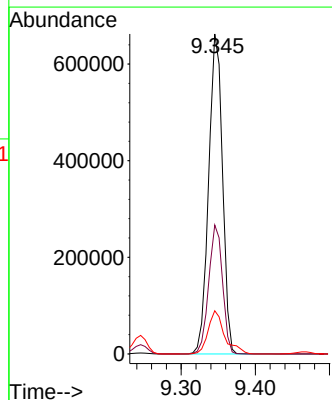
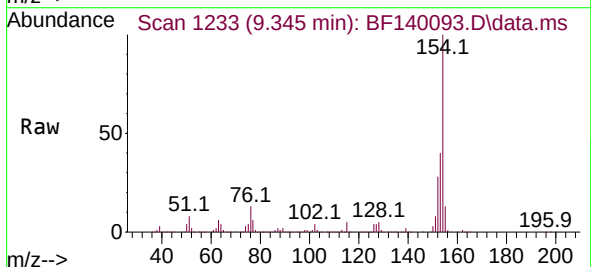
APPROVED

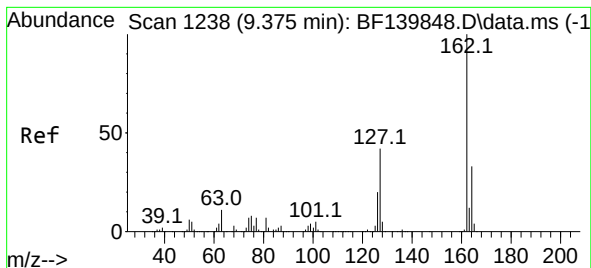
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#46
1,1'-Biphenyl
Concen: 52.006 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:154 Resp: 857737
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 51.228 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

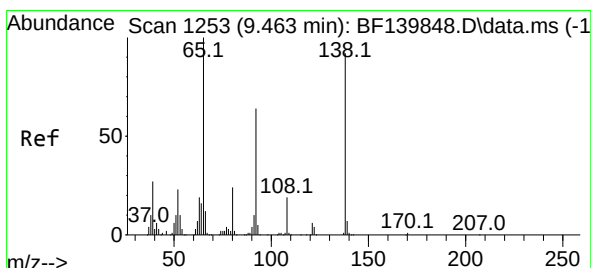
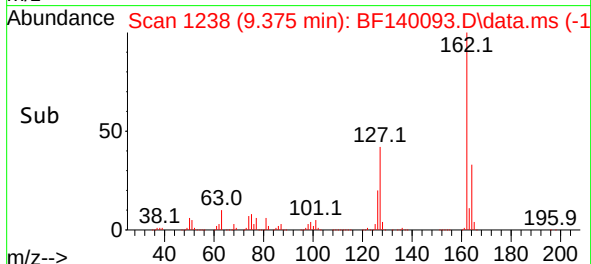
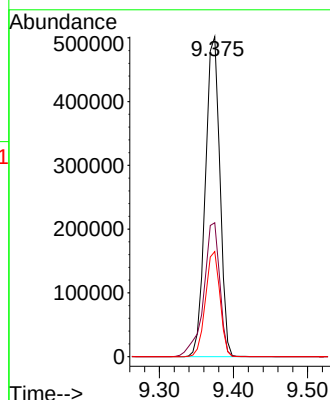
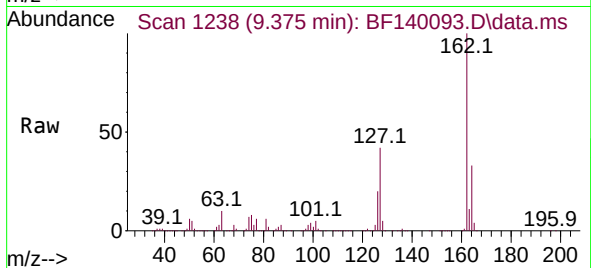
ClientSampleId :

VNJ-215MSD

Tgt Ion:162 Resp: 680498
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.8 50.6
 164 32.8 26.6 39.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



#48

2-Nitroaniline

Concen: 60.258 ng

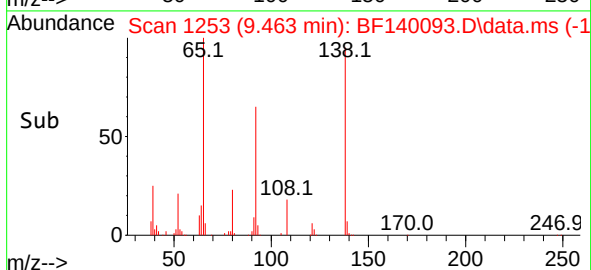
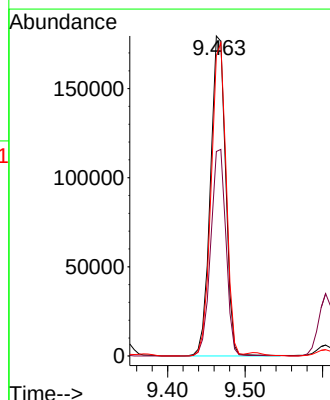
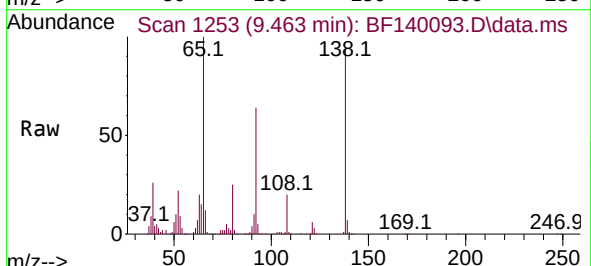
RT: 9.463 min Scan# 1253

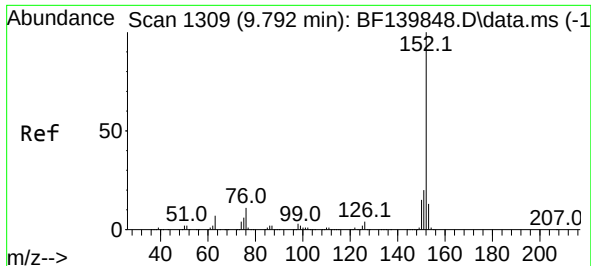
Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Tgt Ion: 65 Resp: 244814
 Ion Ratio Lower Upper
 65 100
 92 63.9 50.9 76.3
 138 93.8 73.4 110.0





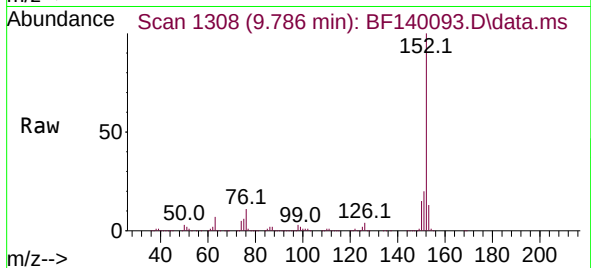
#49
Acenaphthylene
Concen: 55.796 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

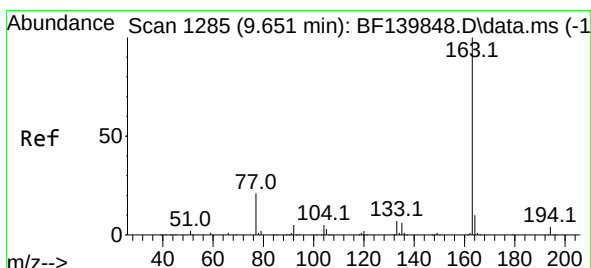
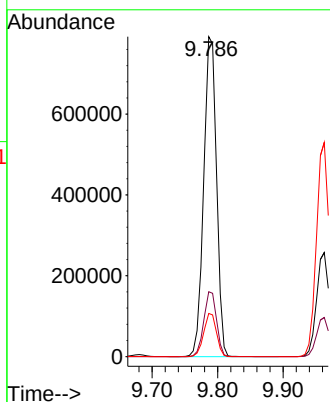
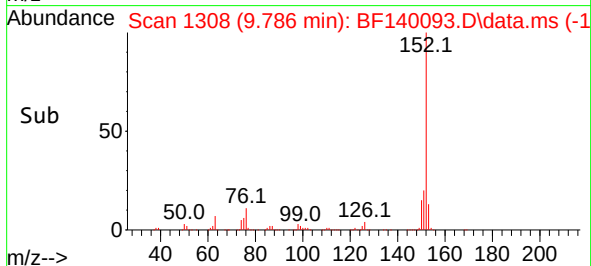


Tgt Ion:152 Resp: 1071538
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.5 10.7 16.1

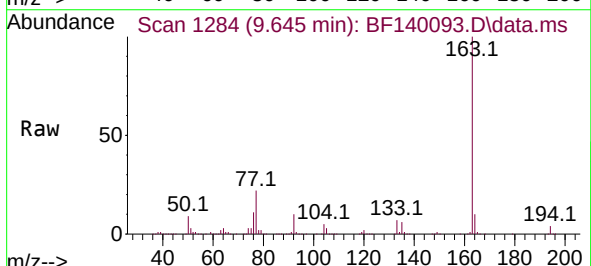
Manual Integrations

APPROVED

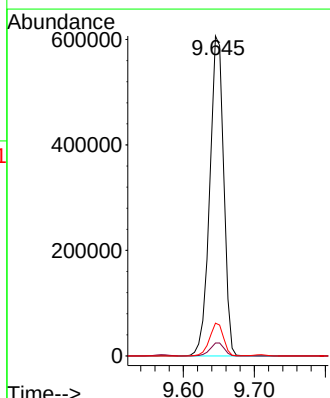
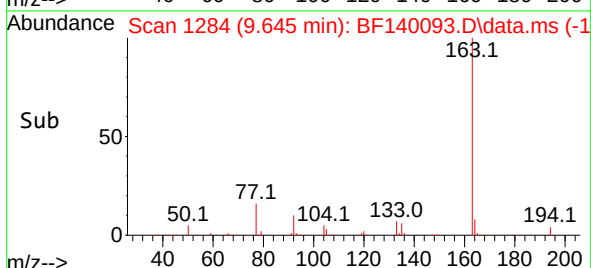
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

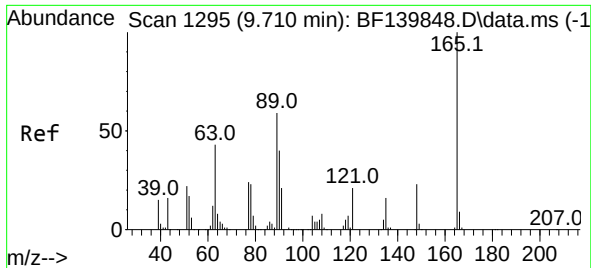


#50
Dimethylphthalate
Concen: 56.139 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:163 Resp: 828465
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2





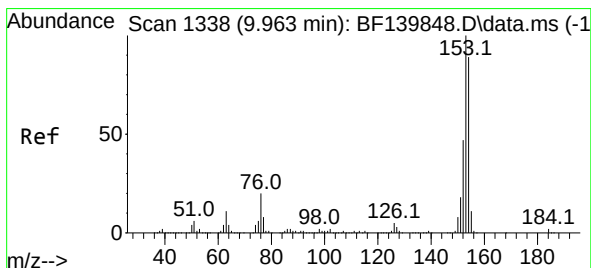
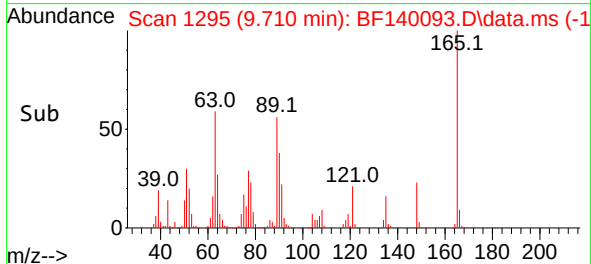
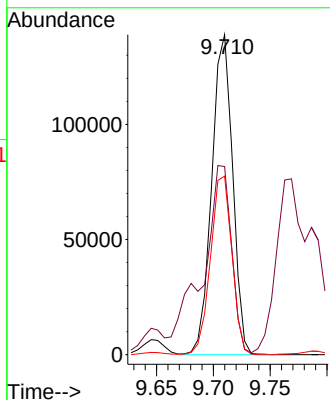
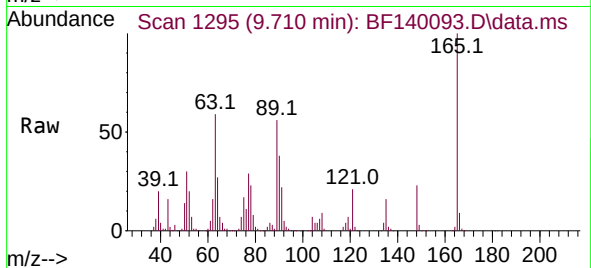
#51
2,6-Dinitrotoluene
Concen: 55.660 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :
BNA_F
Client Sample Id :
VNJ-215MSD

Tgt Ion:165 Resp: 177848
Ion Ratio Lower Upper
165 100
63 58.8 50.6 75.8
89 55.8 47.5 71.3

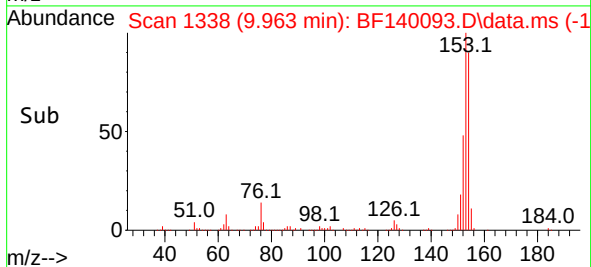
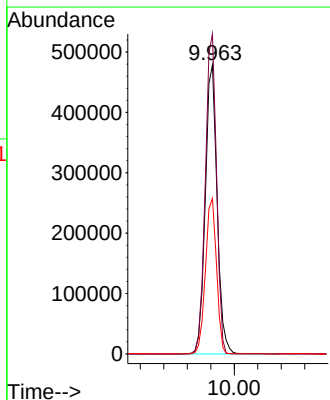
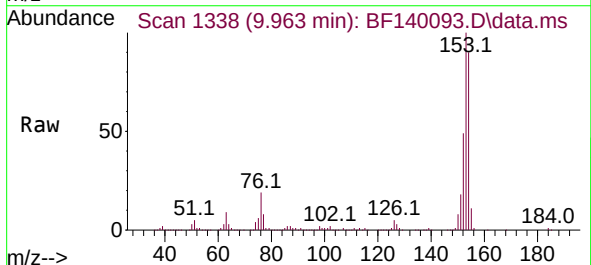
Manual Integrations
APPROVED

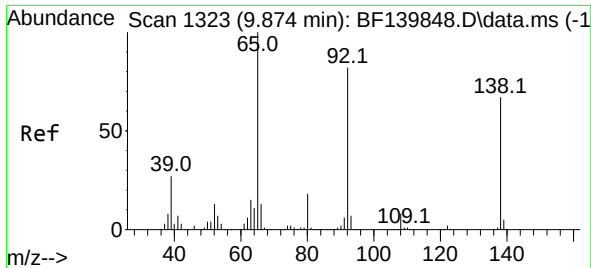
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#52
Acenaphthene
Concen: 53.836 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:154 Resp: 668819
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.6
152 53.8 42.4 63.6





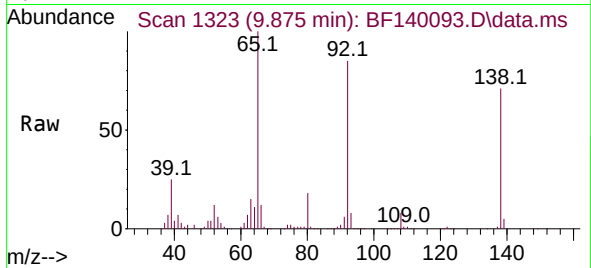
#53
3-Nitroaniline
Concen: 39.002 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD



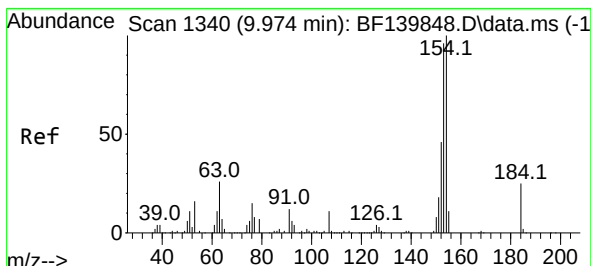
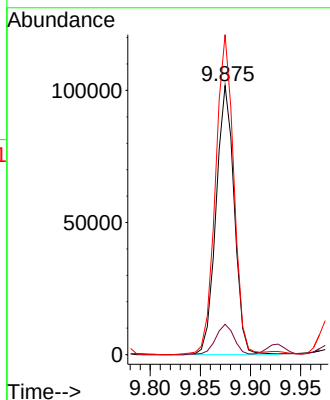
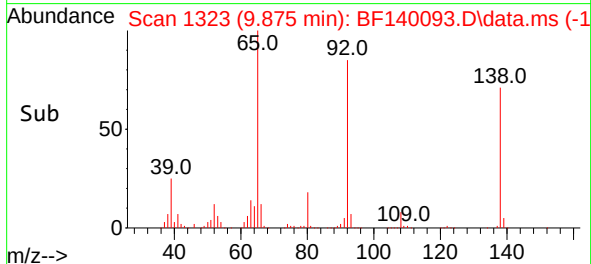
Tgt Ion:138 Resp: 128514
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.2
92 119.0 98.3 147.5

Manual Integrations

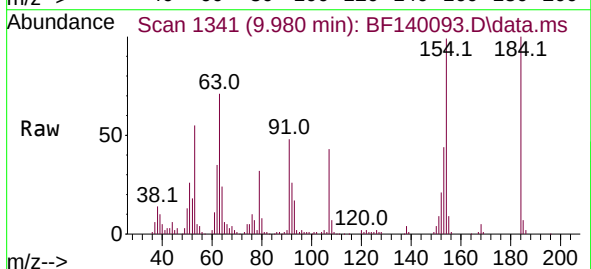
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

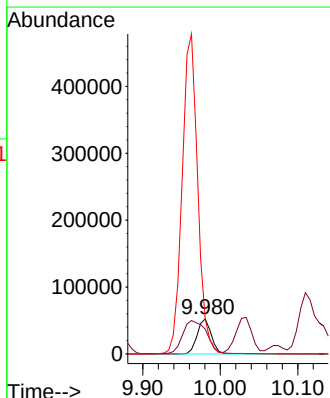
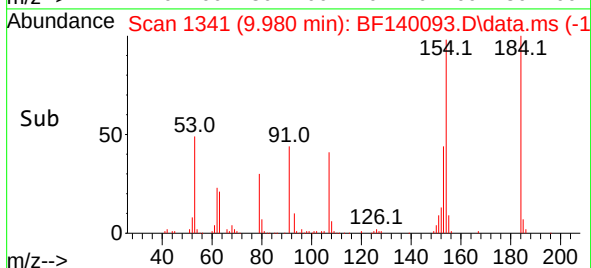
Supervised By :mohammad ahmed 10/30/2024

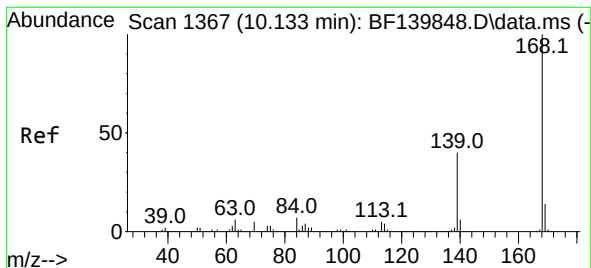


#54
2,4-Dinitrophenol
Concen: 52.460 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:184 Resp: 66396
Ion Ratio Lower Upper
184 100
63 70.8 84.7 127.1#
154 98.9 338.2 507.2#





#55

Dibenzofuran

Concen: 53.332 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

Tgt Ion:168 Resp: 950618

Ion Ratio Lower Upper

168 100

139 39.2 31.8 47.6

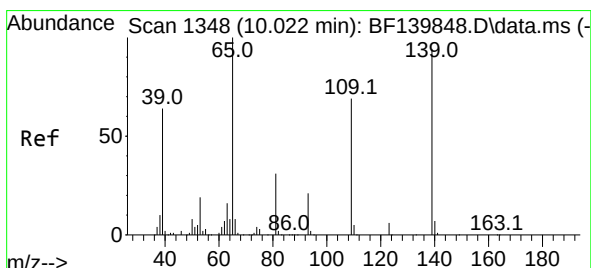
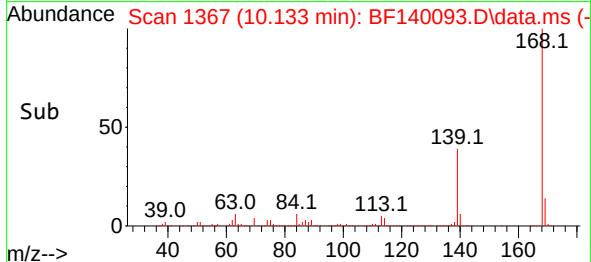
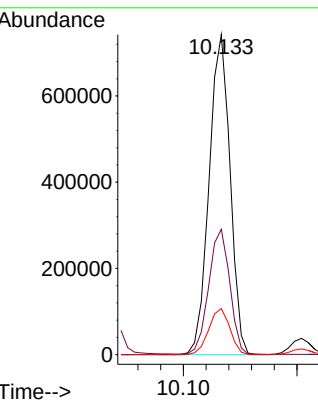
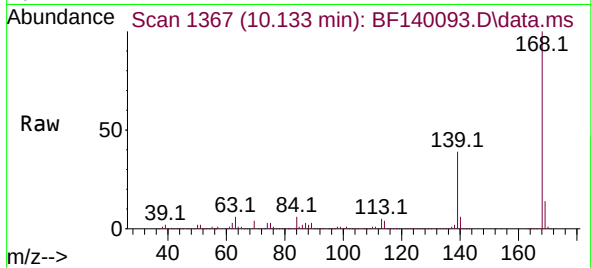
169 14.4 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#56

4-Nitrophenol

Concen: 101.497 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

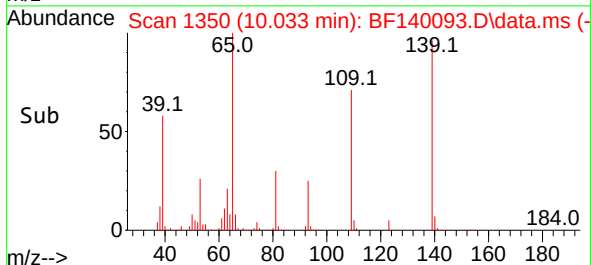
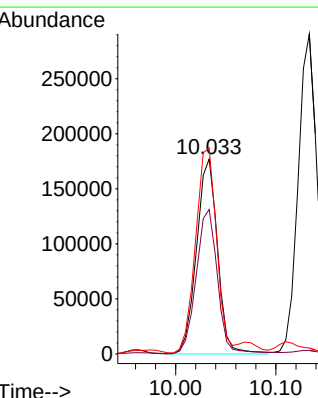
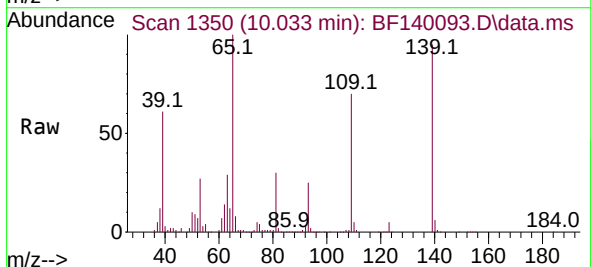
Tgt Ion:139 Resp: 257304

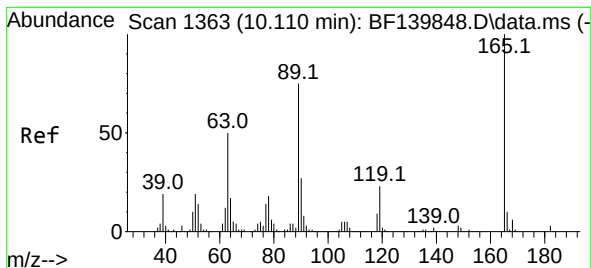
Ion Ratio Lower Upper

139 100

109 74.2 53.6 93.6

65 105.7 87.8 127.8





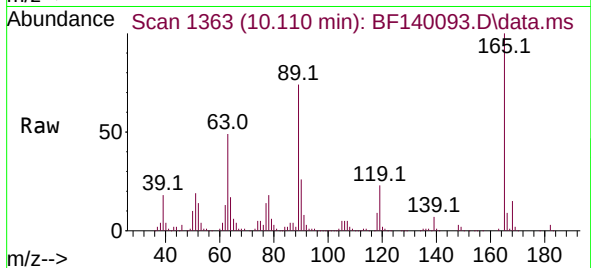
#57
2,4-Dinitrotoluene
Concen: 60.720 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD



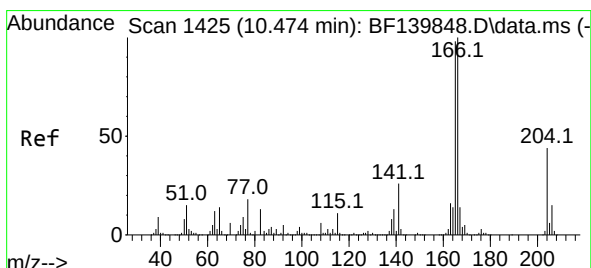
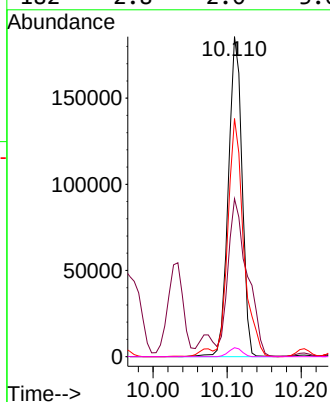
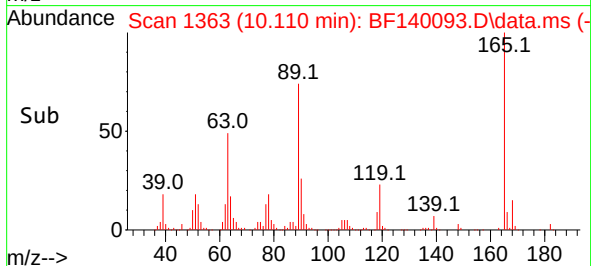
Tgt Ion:165 Resp: 238589
Ion Ratio Lower Upper
165 100
63 49.3 40.1 60.1
89 74.4 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

APPROVED

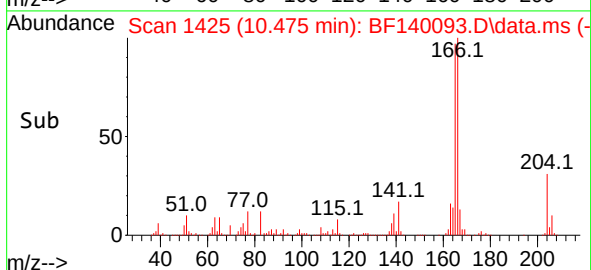
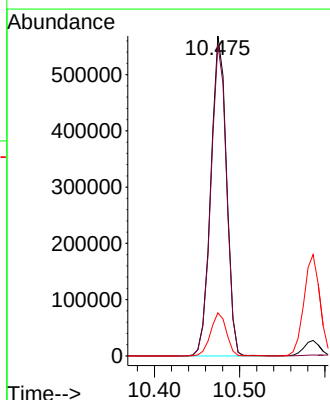
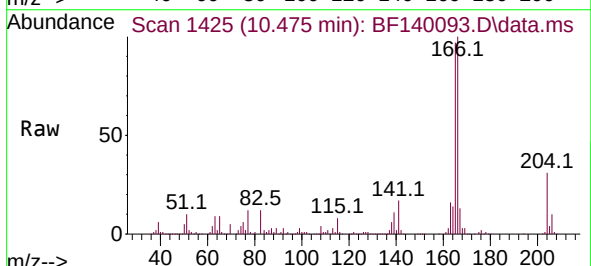
Reviewed By :Yogesh Patel 10/29/2024

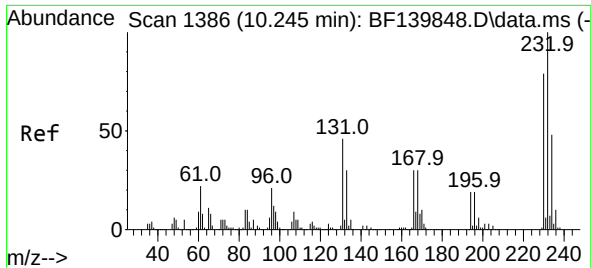
Supervised By :mohammad ahmed 10/30/2024



#58
Fluorene
Concen: 53.557 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:166 Resp: 727096
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.4 10.9 16.3





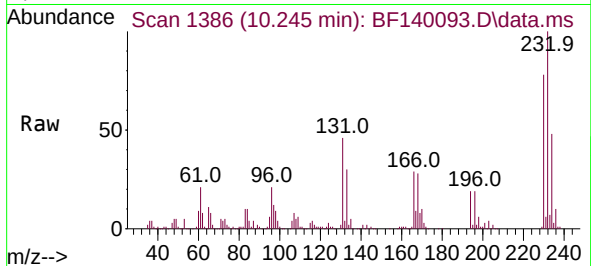
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.766 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD



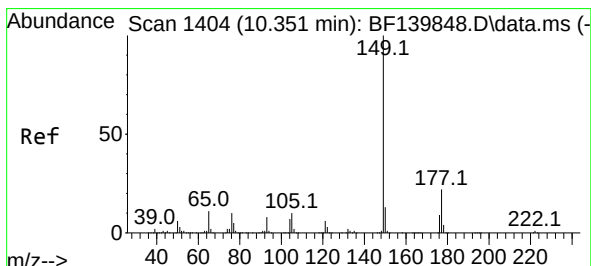
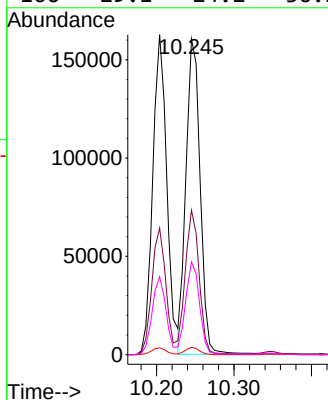
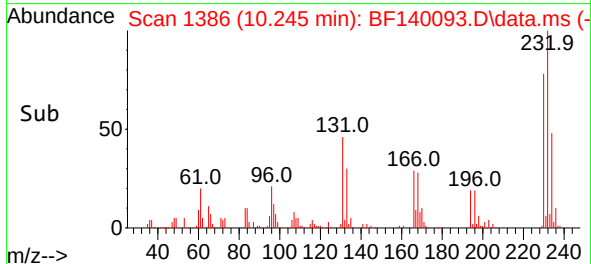
Tgt Ion:232 Resp: 204109
Ion Ratio Lower Upper
232 100
131 45.6 37.0 55.6
130 2.3 1.9 2.9
166 29.1 24.2 36.2

Manual Integrations

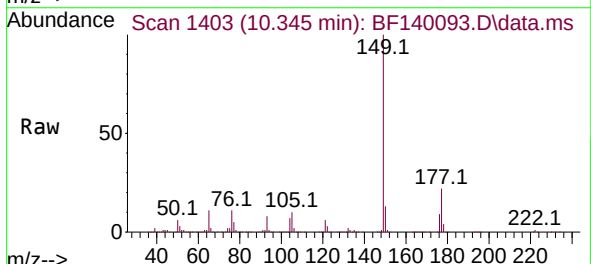
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

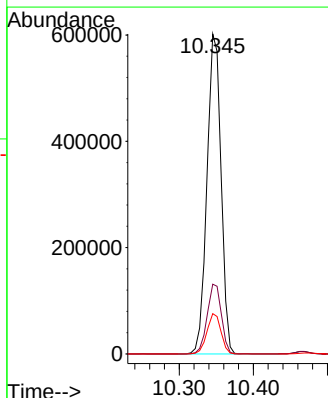
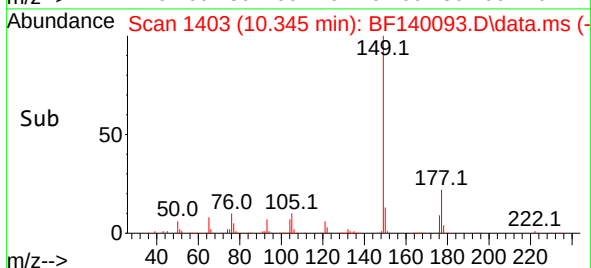
Supervised By :mohammad ahmed 10/30/2024

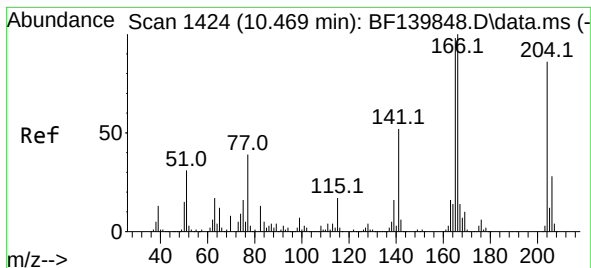


#60
Diethylphthalate
Concen: 54.672 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



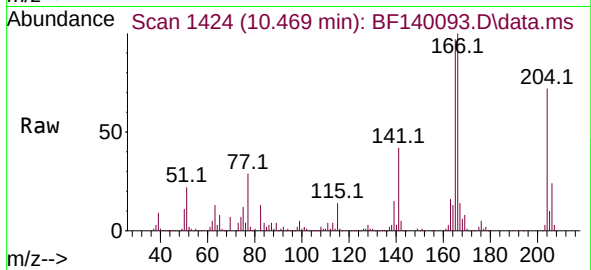
Tgt Ion:149 Resp: 792166
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 54.630 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

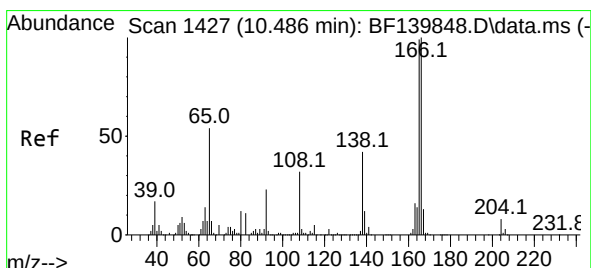
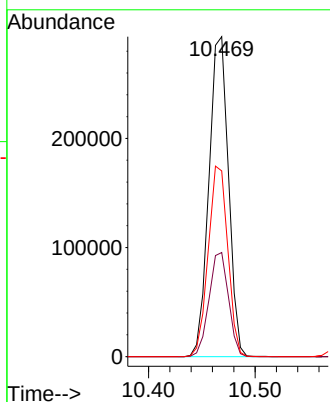
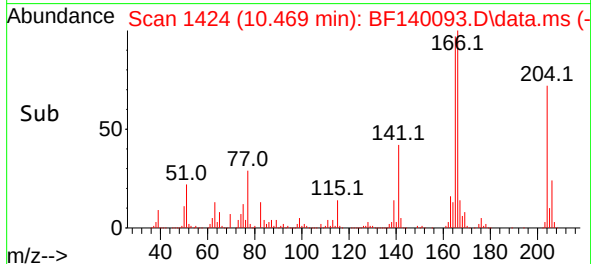
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



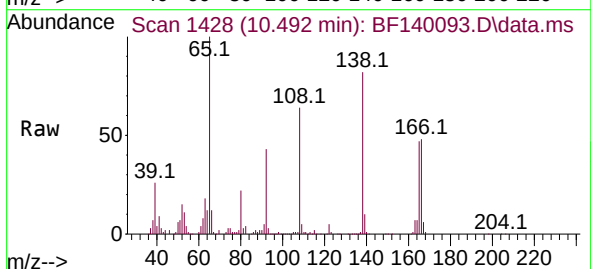
Tgt Ion:204 Resp: 374542
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 58.0 48.6 73.0

Manual Integrations
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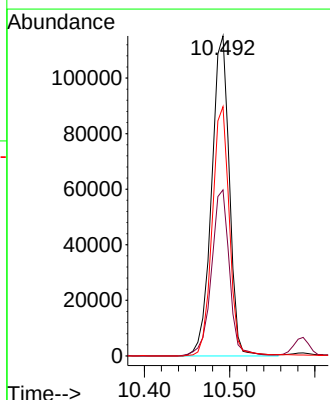
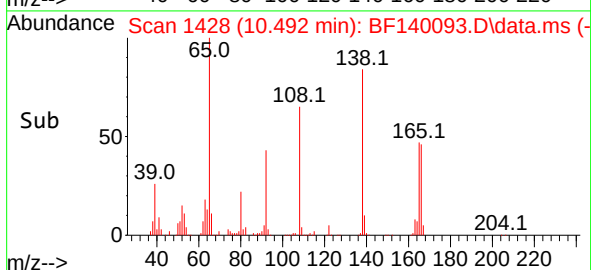
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

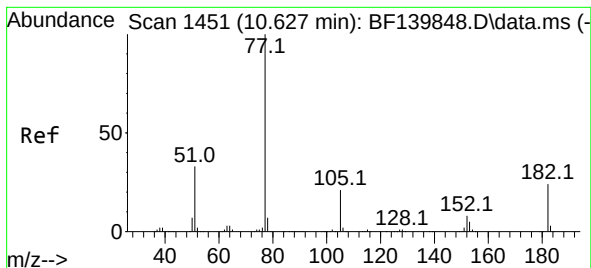


#62
4-Nitroaniline
Concen: 53.537 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:138 Resp: 166610
Ion Ratio Lower Upper
138 100
92 51.9 35.7 75.7
108 77.9 57.5 97.5





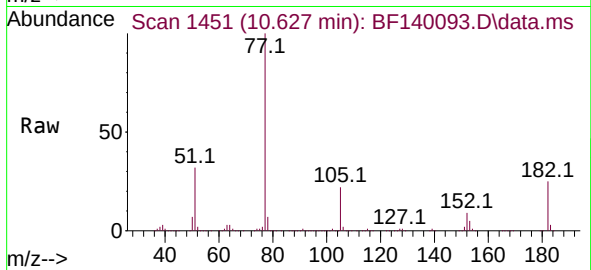
#63
Azobenzene
Concen: 52.271 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

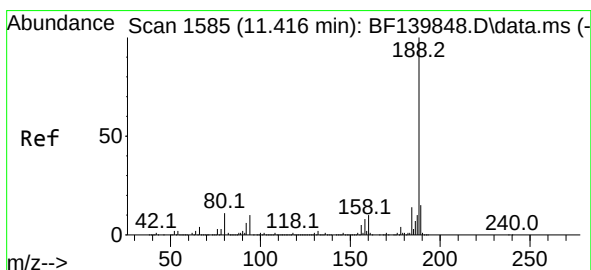
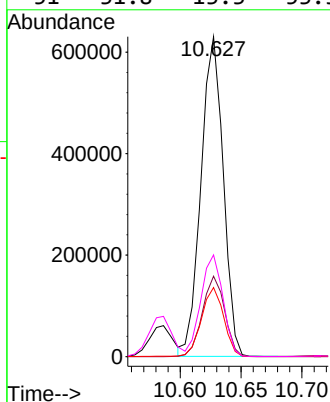
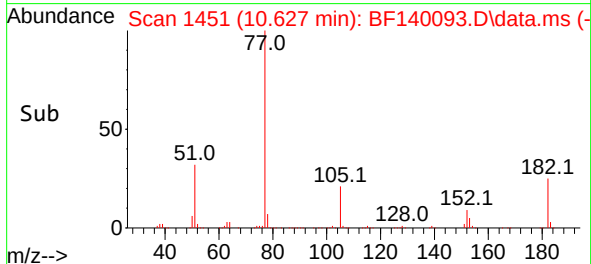


Tgt Ion: 77 Resp: 802948
Ion Ratio Lower Upper
77 100
182 25.1 3.3 43.3
105 21.6 1.2 41.2
51 31.8 13.3 53.3

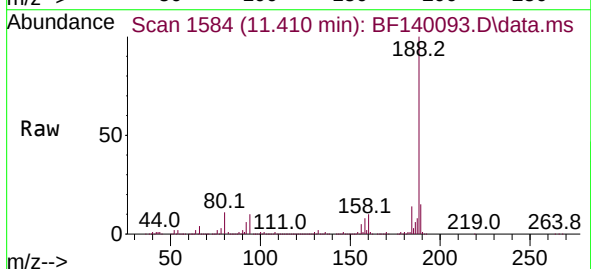
Manual Integrations

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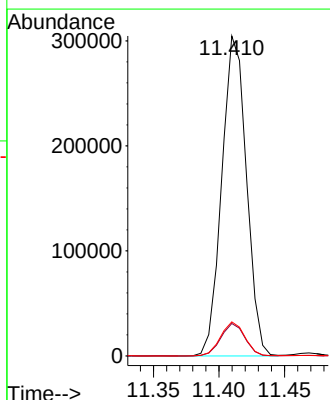
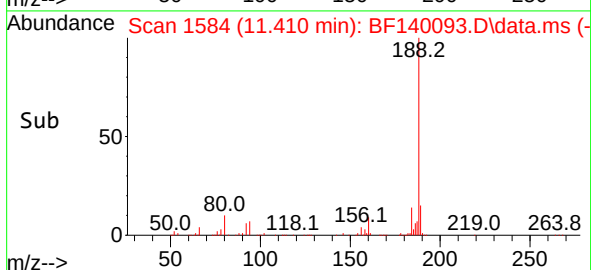
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

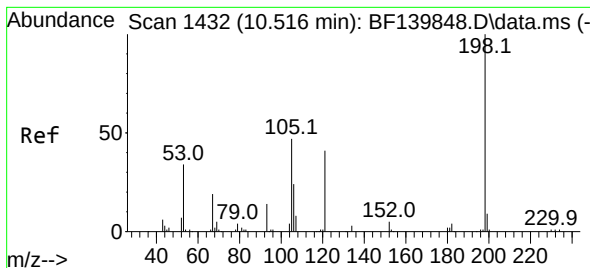


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:188 Resp: 398949
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.6 9.0 13.4





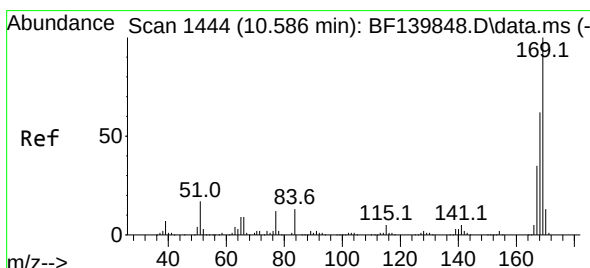
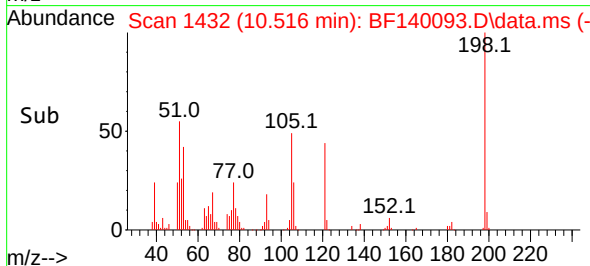
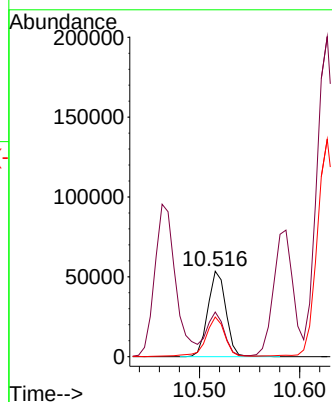
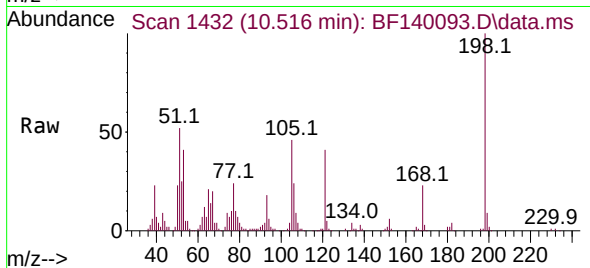
#65
4,6-Dinitro-2-methylphenol
Concen: 40.805 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD

Tgt Ion:198 Resp: 66402
Ion Ratio Lower Upper
198 100
51 52.3 38.2 78.2
105 46.4 27.9 67.9

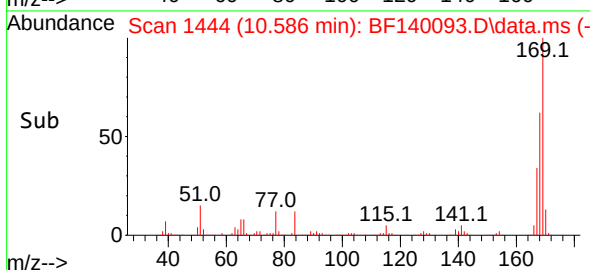
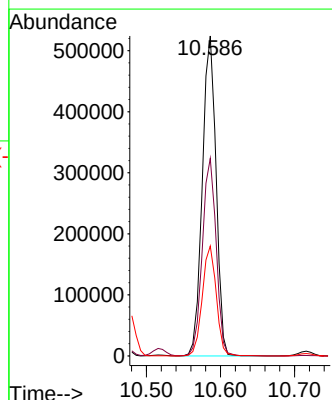
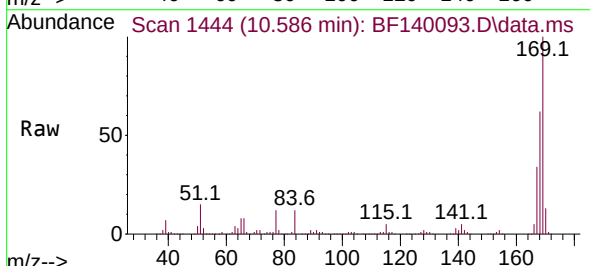
Manual Integrations
APPROVED

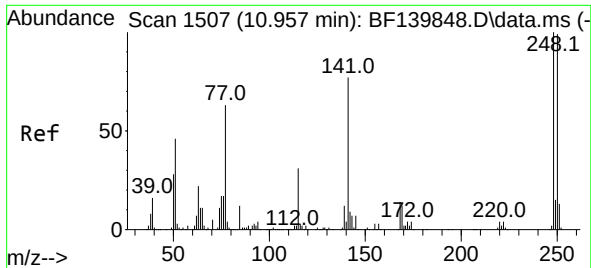
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#66
n-Nitrosodiphenylamine
Concen: 56.408 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

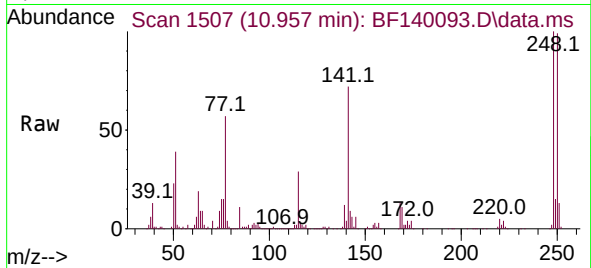
Tgt Ion:169 Resp: 673533
Ion Ratio Lower Upper
169 100
168 61.7 49.8 74.6
167 34.4 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 56.299 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

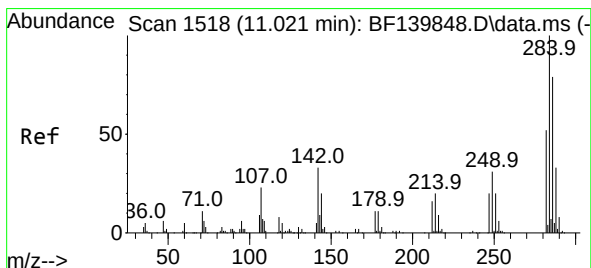
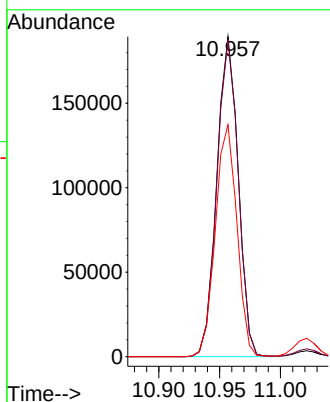
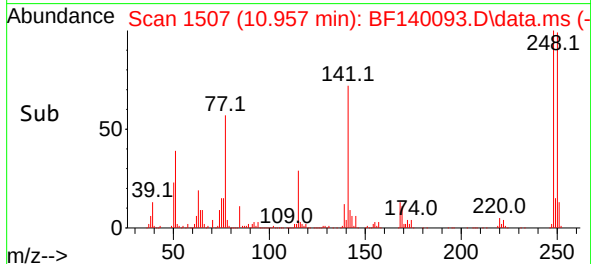
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



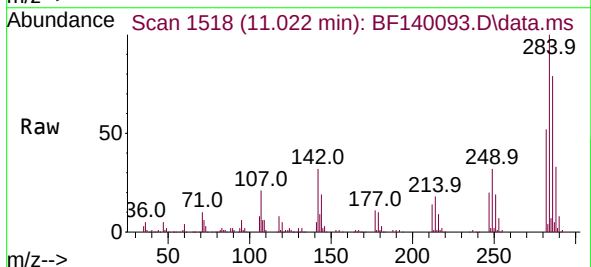
Tgt Ion:248 Resp: 231386
Ion Ratio Lower Upper
248 100
250 98.9 79.0 118.6
141 72.4 61.7 92.5

Manual Integrations
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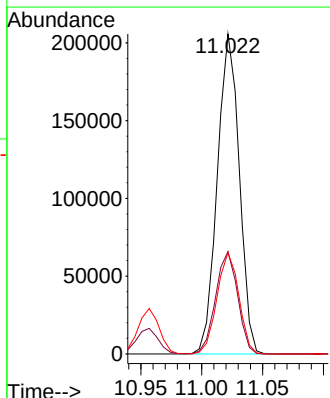
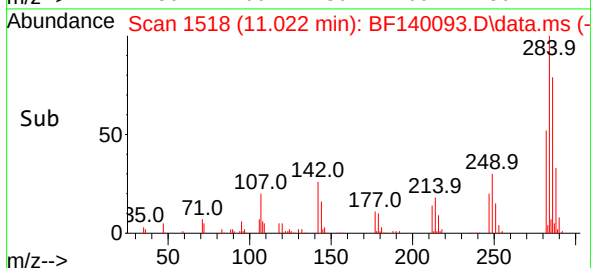
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

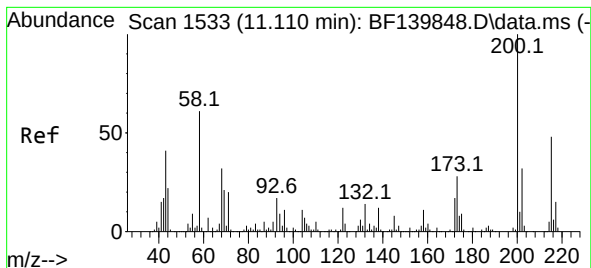


#68
Hexachlorobenzene
Concen: 55.638 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:284 Resp: 257174
Ion Ratio Lower Upper
284 100
142 32.0 26.9 40.3
249 31.6 25.3 37.9





#69

Atrazine

Concen: 65.372 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

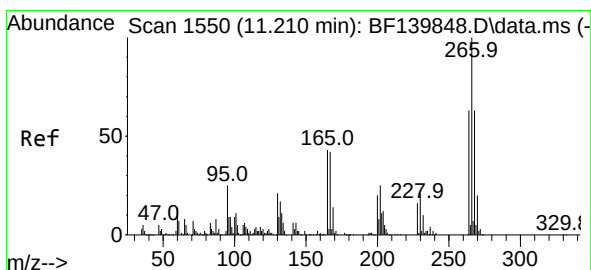
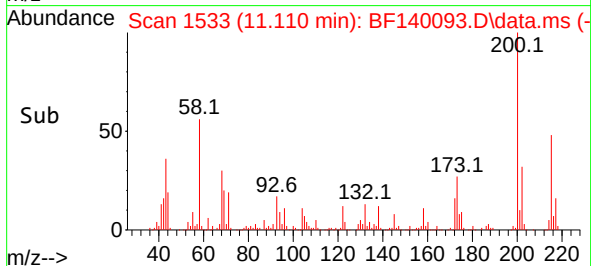
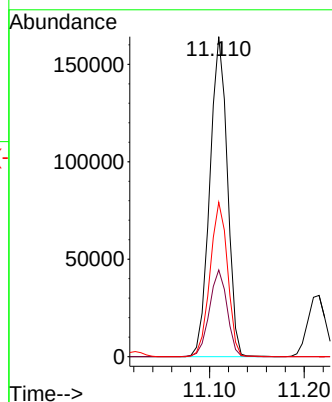
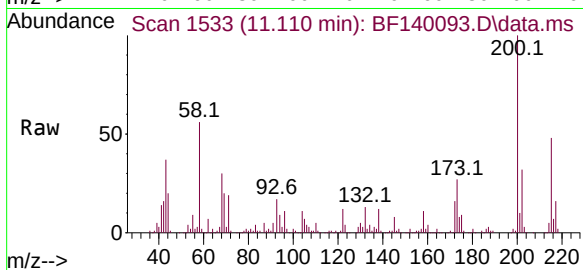
VNJ-215MSD

Tgt Ion:200 Resp: 211444
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.7 47.7
 215 48.3 27.7 67.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



#70

Pentachlorophenol

Concen: 84.525 ng

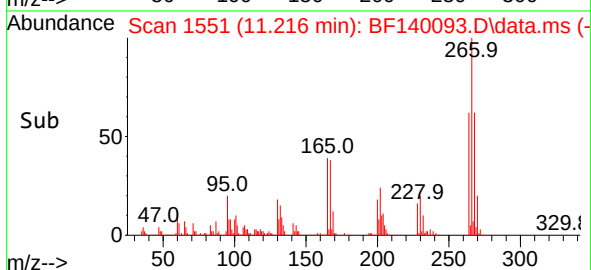
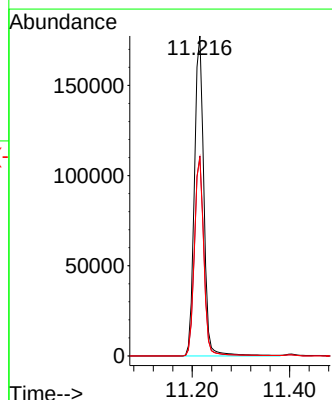
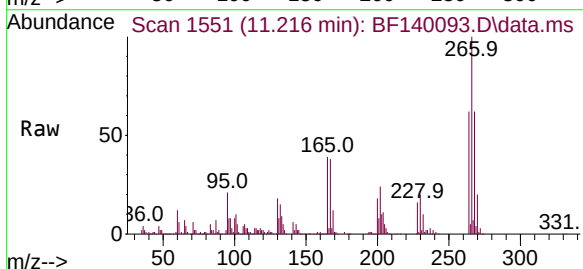
RT: 11.216 min Scan# 1551

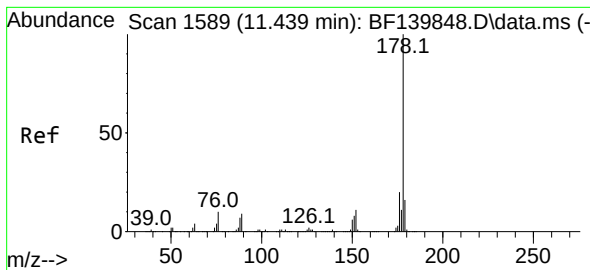
Delta R.T. 0.006 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Tgt Ion:266 Resp: 237118
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.4 75.6
 264 61.7 50.6 75.8





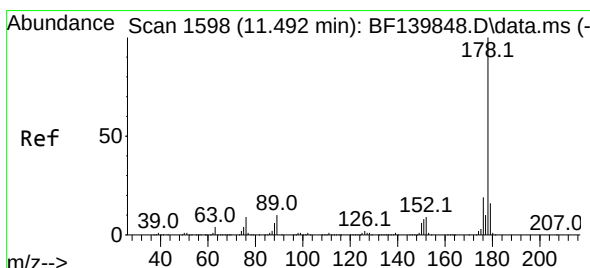
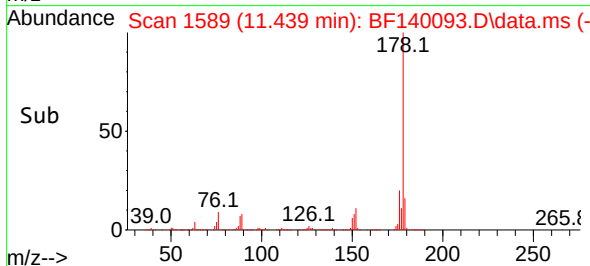
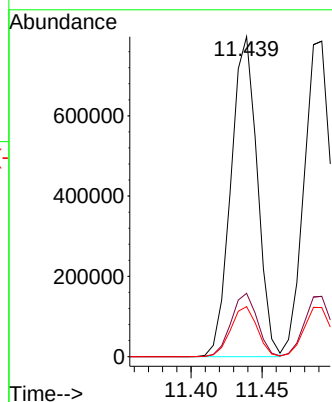
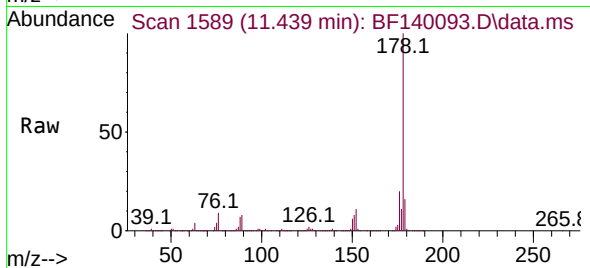
#71
Phenanthrene
Concen: 54.516 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD

Tgt Ion:178 Resp: 1027335
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.6 18.8

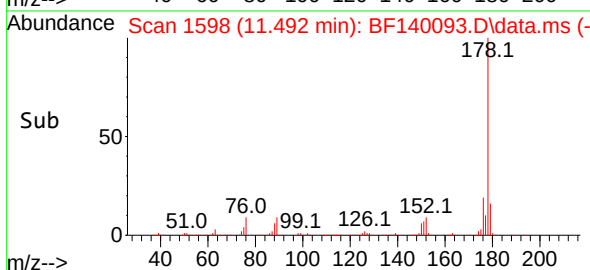
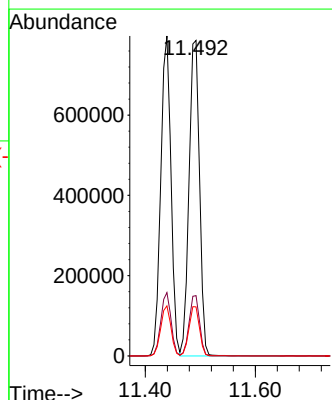
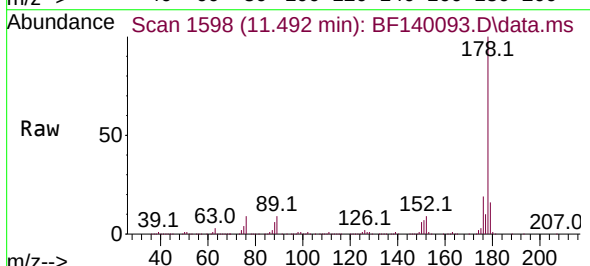
Manual Integrations
APPROVED

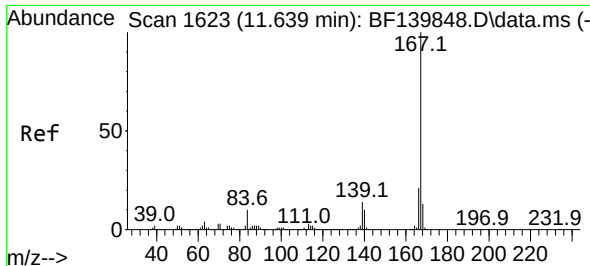
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#72
Anthracene
Concen: 56.666 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

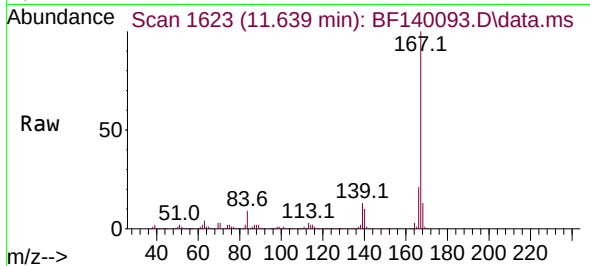
Tgt Ion:178 Resp: 1041878
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 51.316 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140093.D
 Acq: 28 Oct 2024 18:03

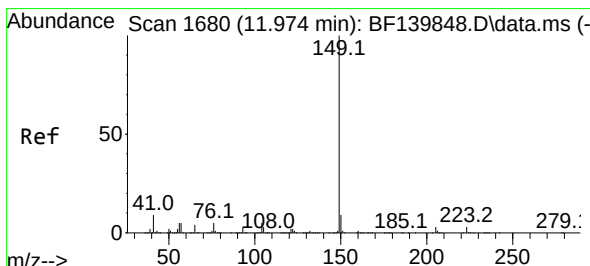
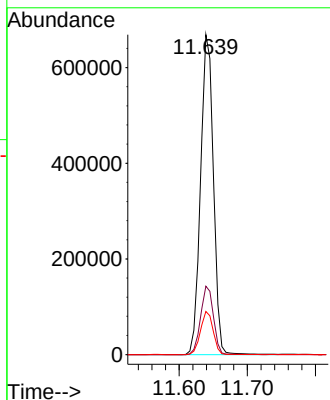
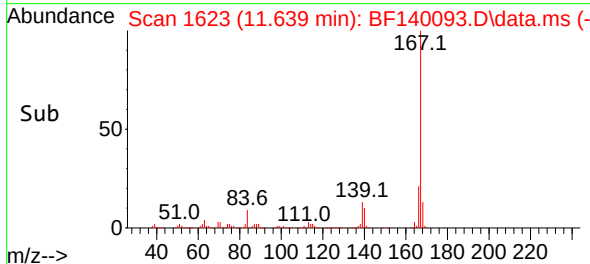
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215MSD



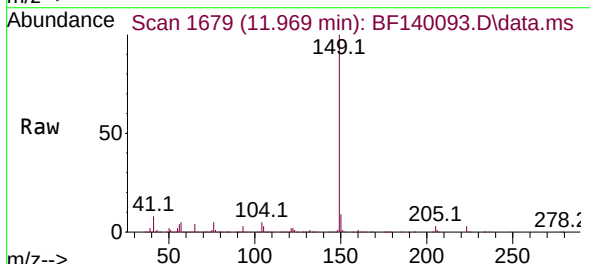
Tgt Ion:167 Resp: 877488
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.5 10.8 16.2

Manual Integrations
 APPROVED

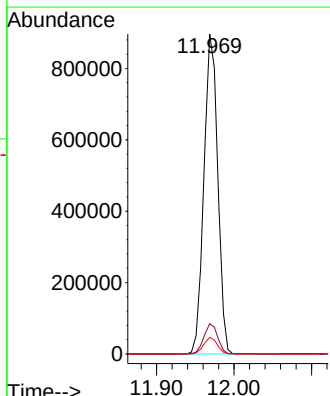
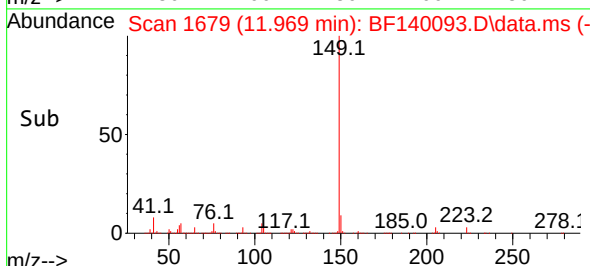
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

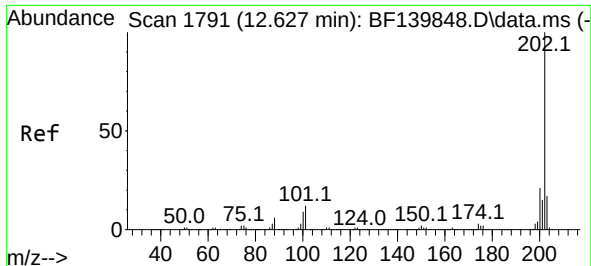


#74
 Di-n-butylphthalate
 Concen: 56.209 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF140093.D
 Acq: 28 Oct 2024 18:03



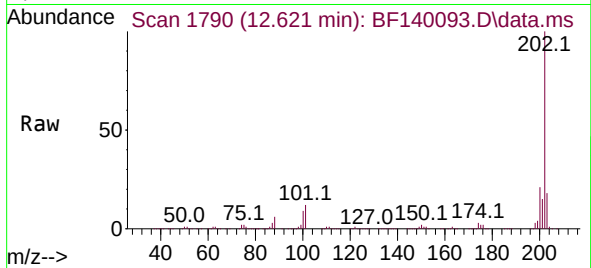
Tgt Ion:149 Resp: 1110467
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.318 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

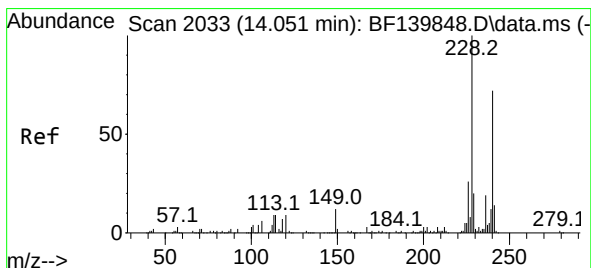
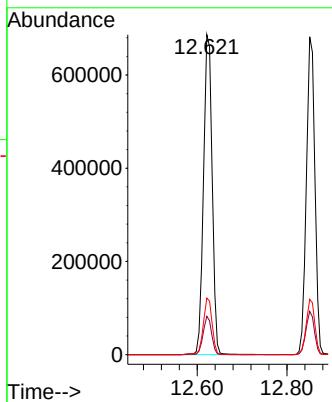
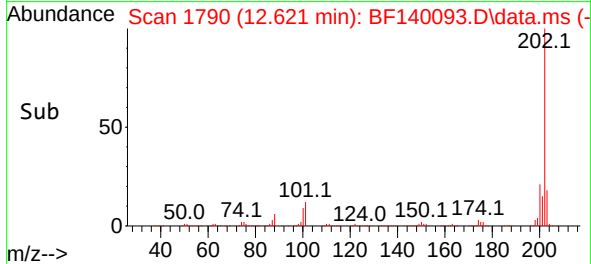
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



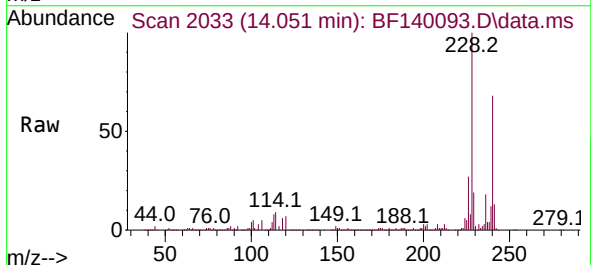
Tgt Ion:202 Resp: 920478
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

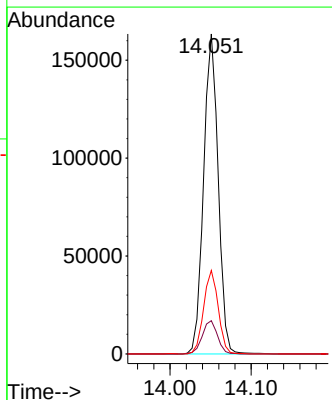
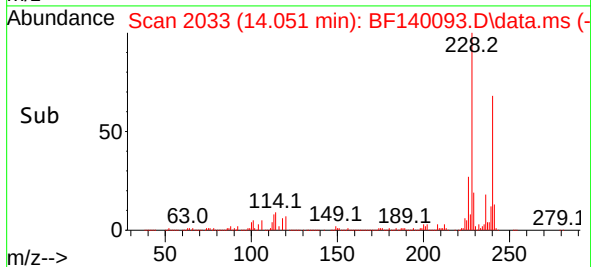
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

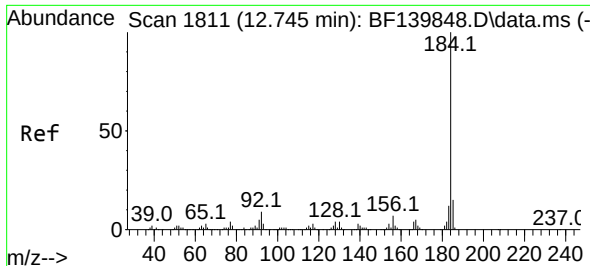


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:240 Resp: 204155
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.1 20.9 31.3





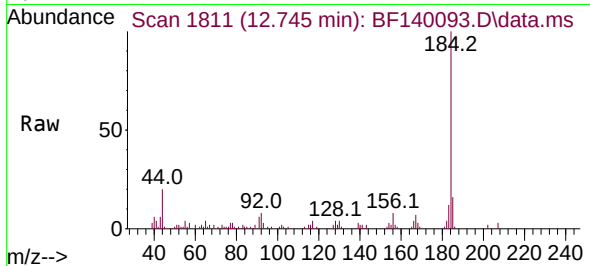
#77
Benzidine
Concen: 8.201 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

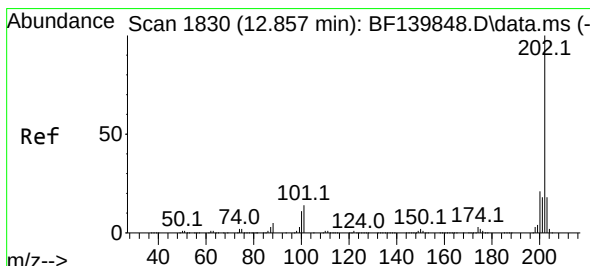
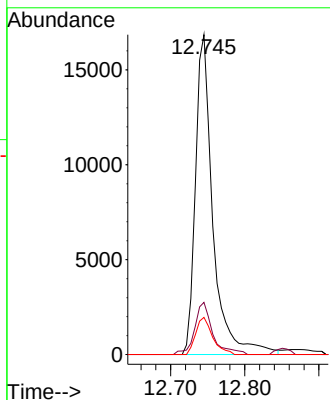
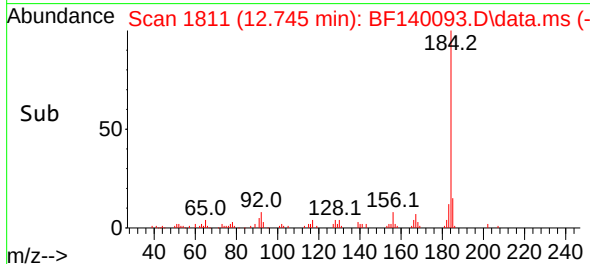


Tgt Ion:184 Resp: 27530
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 11.6 9.4 14.2

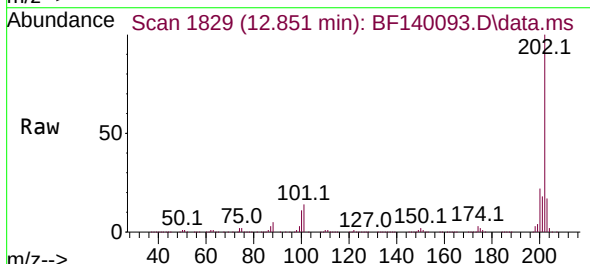
Manual Integrations

APPROVED

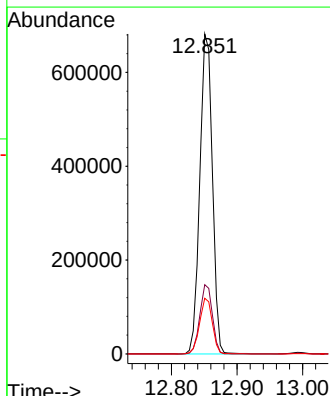
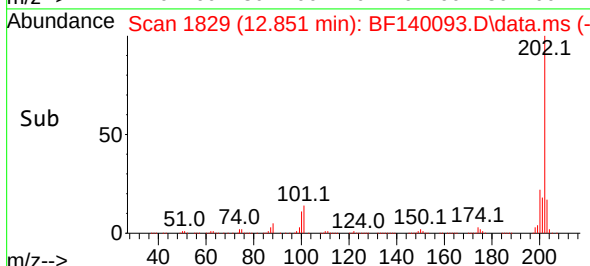
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

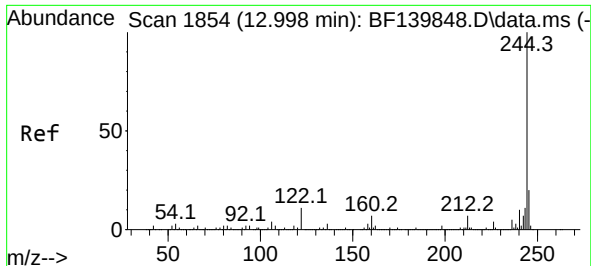


#78
Pyrene
Concen: 50.481 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:202 Resp: 902116
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.4 14.2 21.4





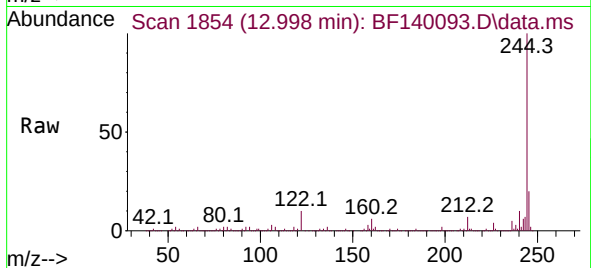
#79
 Terphenyl-d14
 Concen: 105.257 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140093.D
 Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

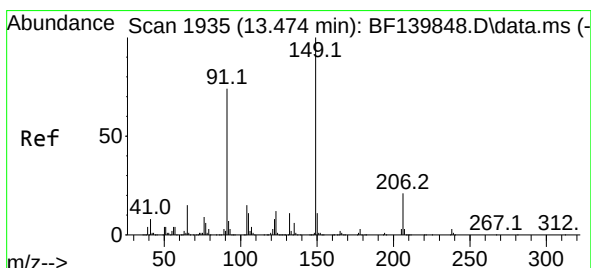
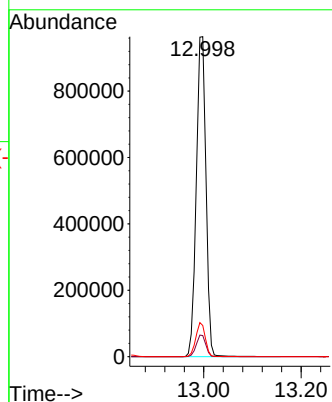
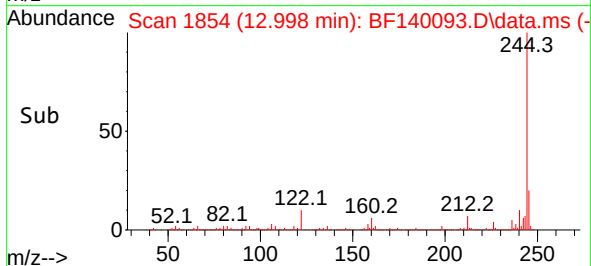


Tgt Ion:244 Resp: 1318745
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.7 8.6 13.0

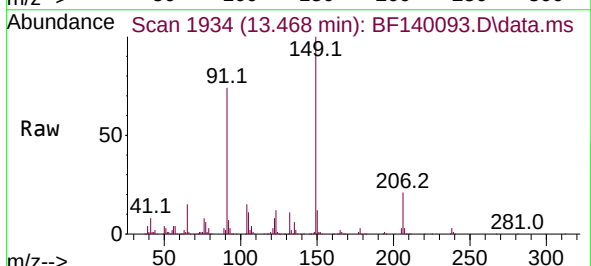
Manual Integrations

APPROVED

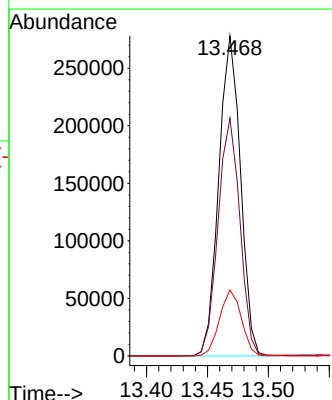
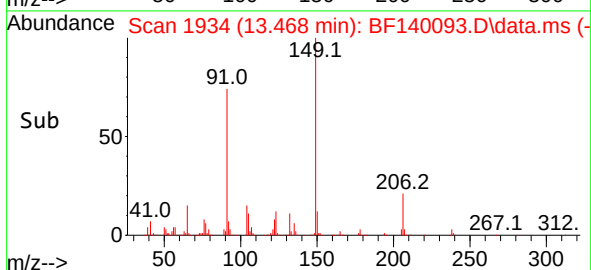
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

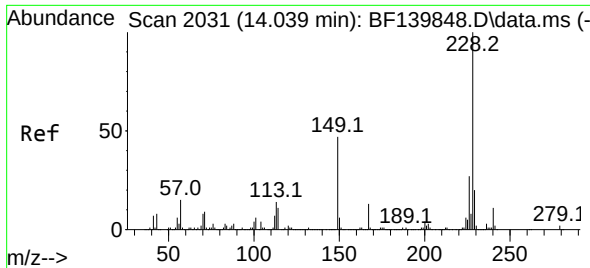


#80
 Butylbenzylphthalate
 Concen: 64.319 ng
 RT: 13.468 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF140093.D
 Acq: 28 Oct 2024 18:03



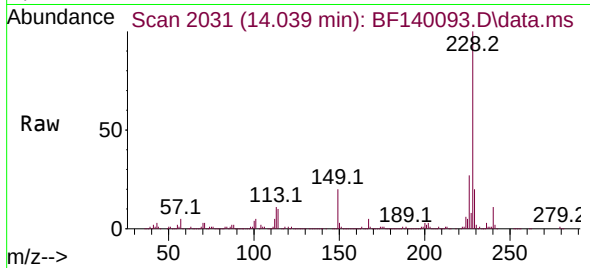
Tgt Ion:149 Resp: 344594
 Ion Ratio Lower Upper
 149 100
 91 74.3 59.4 89.2
 206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 56.143 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

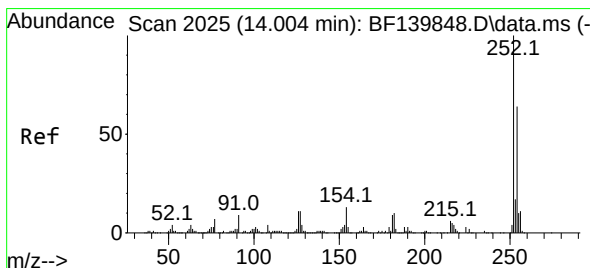
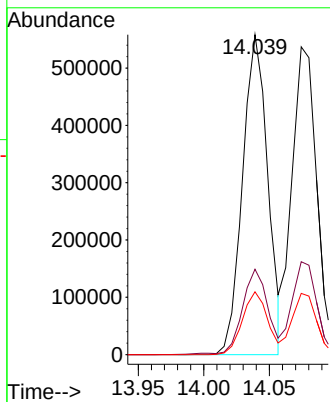
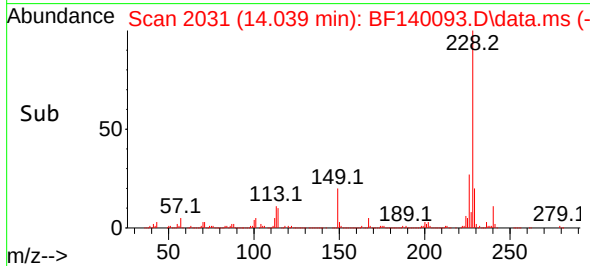
Instrument :
BNA_F
ClientSampleId :
VNJ-215MSD



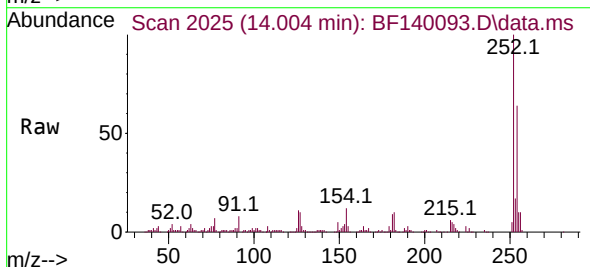
Tgt Ion:228 Resp: 746125
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.6 16.1 24.1

Manual Integrations
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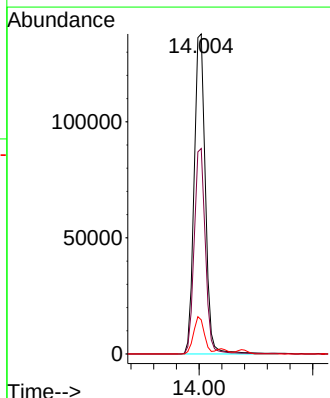
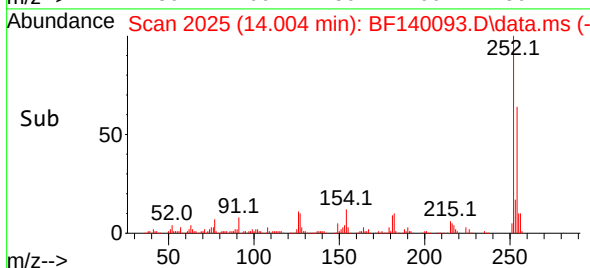
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

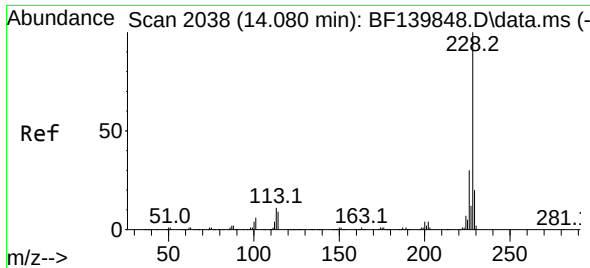


#82
3,3'-Dichlorobenzidine
Concen: 48.544 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:252 Resp: 188100
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 10.6 8.9 13.3





#83

Chrysene

Concen: 58.050 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

Tgt Ion:228 Resp: 707350

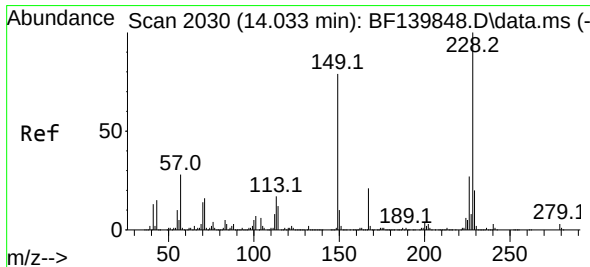
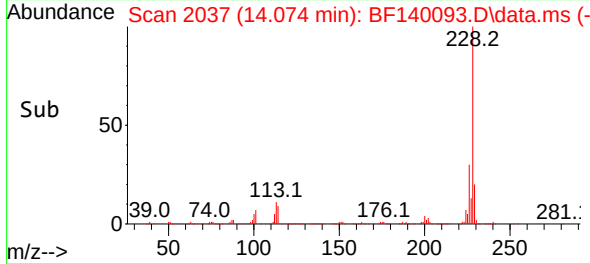
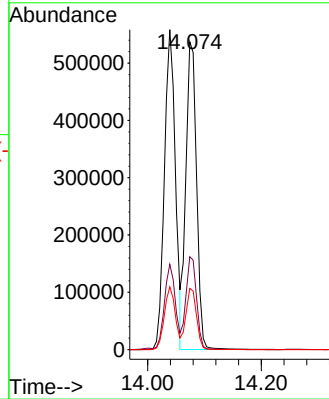
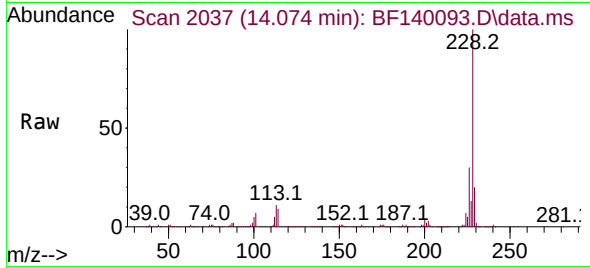
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.306 ng

RT: 14.027 min Scan# 2029

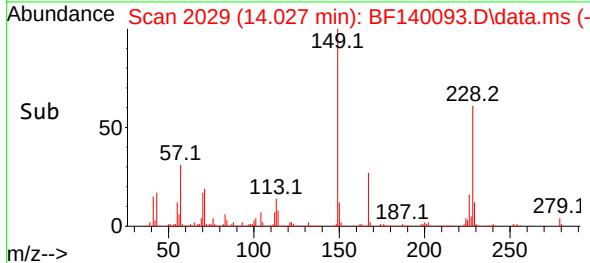
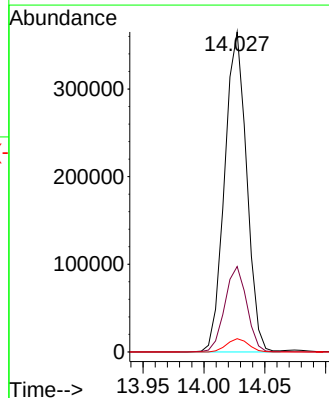
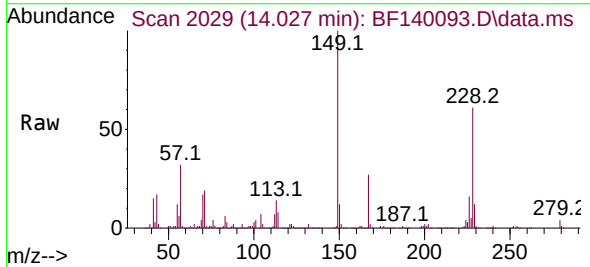
Delta R.T. -0.006 min

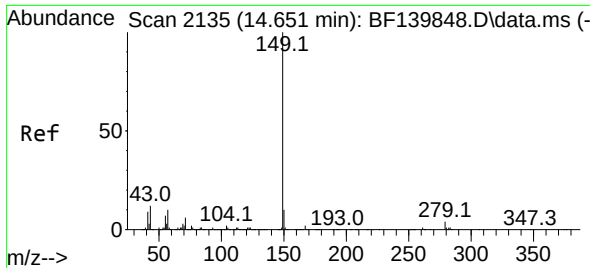
Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Tgt Ion:149 Resp: 458667

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	4.1	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 73.095 ng
RT: 14.639 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

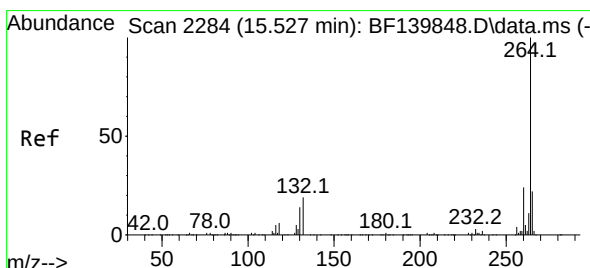
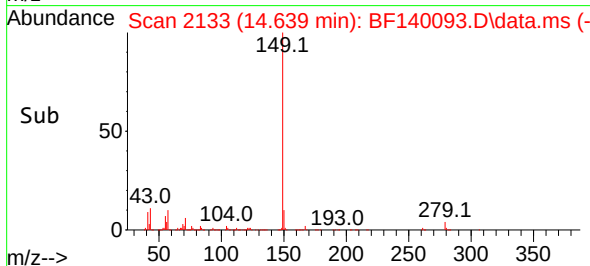
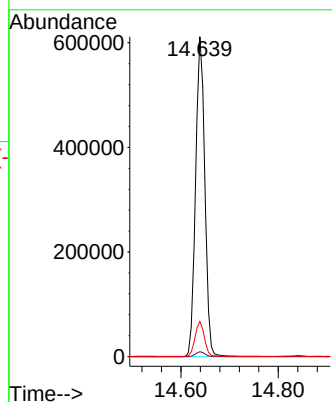
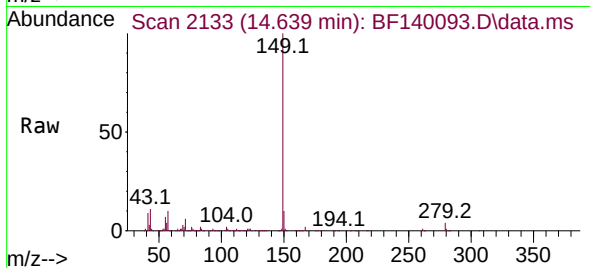
VNJ-215MSD

Tgt Ion:149 Resp: 79915
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.8 14.6

Manual Integrations

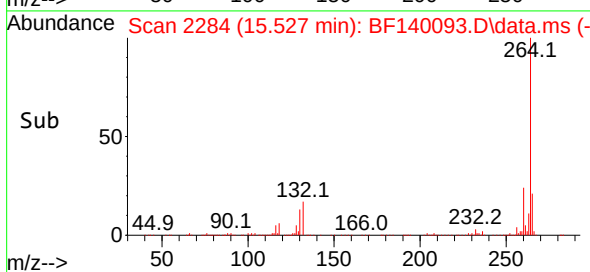
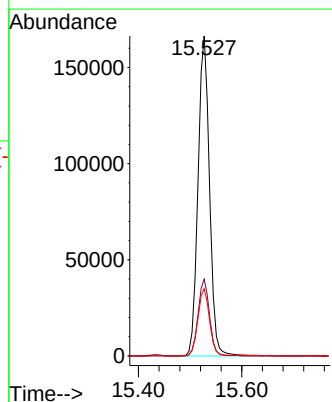
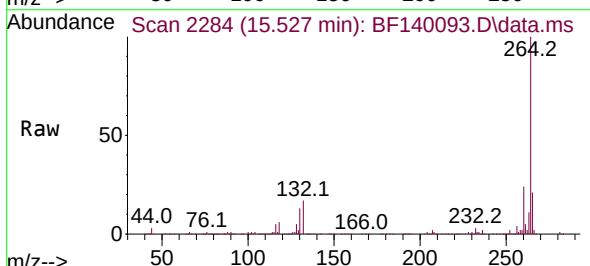
APPROVED

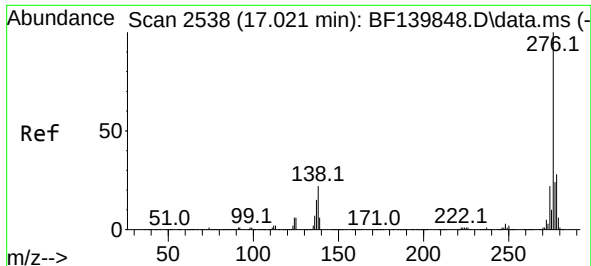
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Tgt Ion:264 Resp: 256308
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.0 17.4 26.0





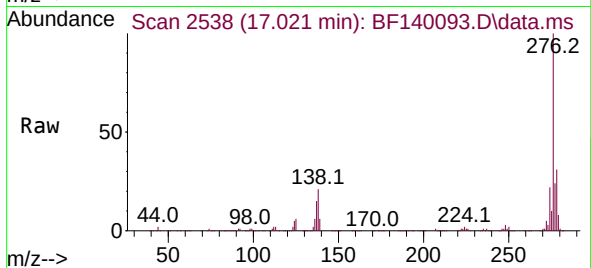
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.387 ng
RT: 17.021 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

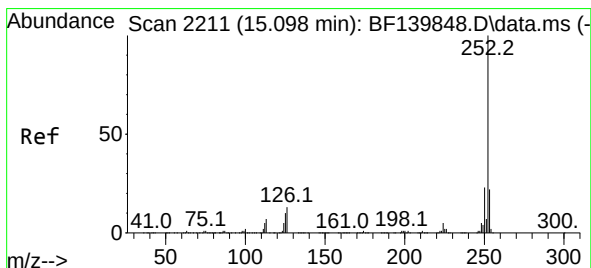
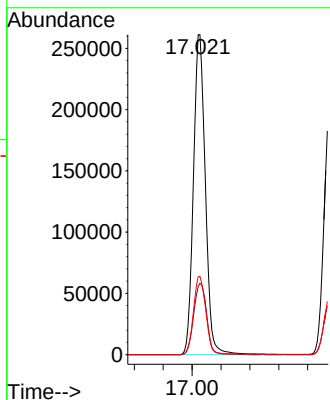
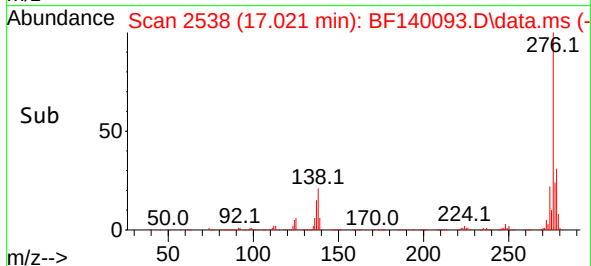


Tgt Ion:276 Resp: 748376
Ion Ratio Lower Upper
276 100
138 24.2 20.4 30.6
277 25.2 20.2 30.4

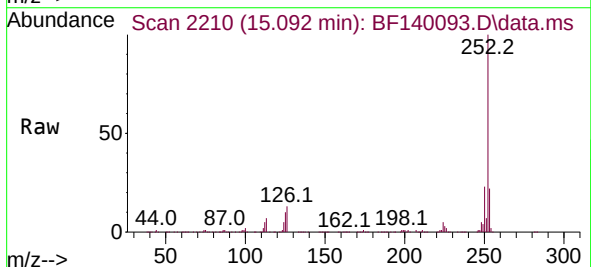
Manual Integrations

APPROVED

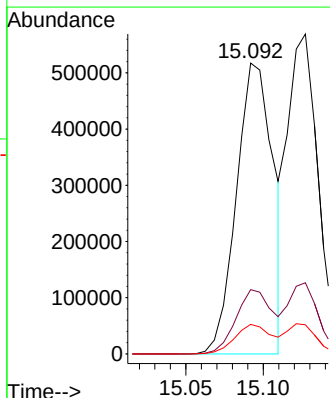
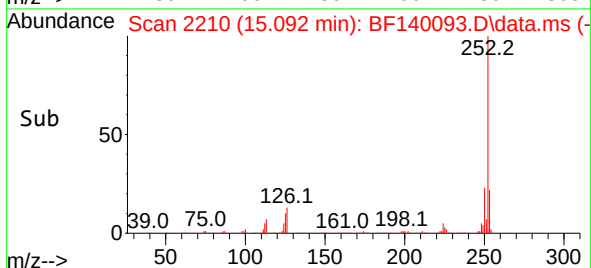
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

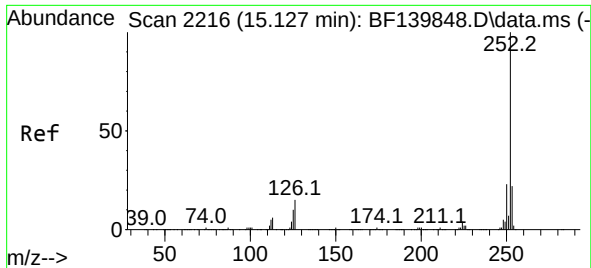


#88
Benzo(b)fluoranthene
Concen: 54.869 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:252 Resp: 856677
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 57.778 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

Tgt Ion:252 Resp: 77798

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

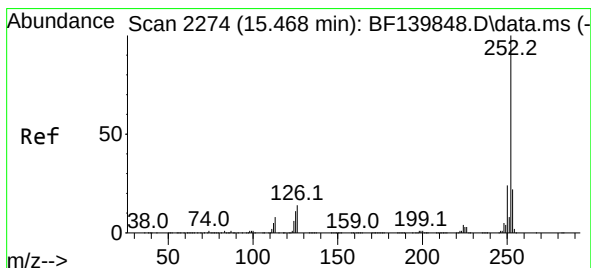
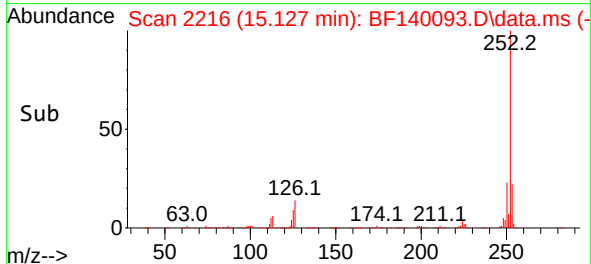
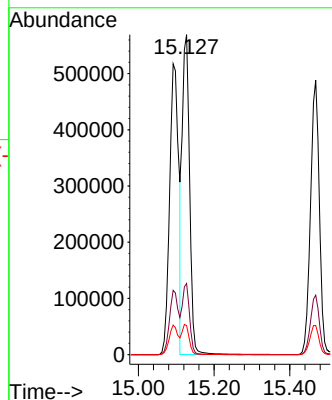
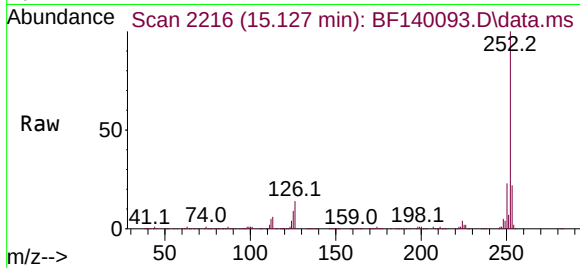
125 9.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#90

Benzo(a)pyrene

Concen: 61.319 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140093.D

Acq: 28 Oct 2024 18:03

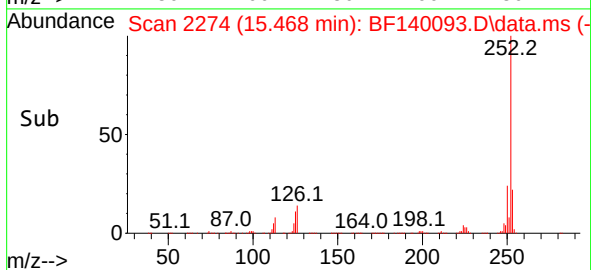
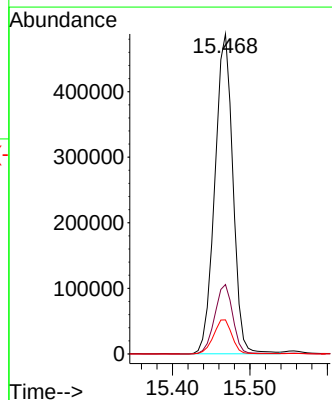
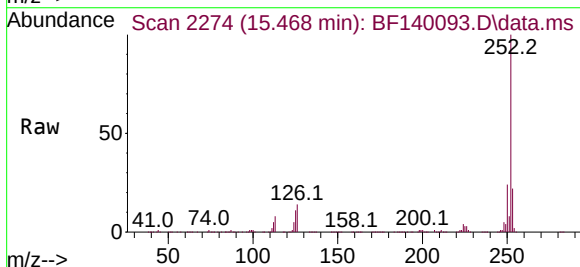
Tgt Ion:252 Resp: 787766

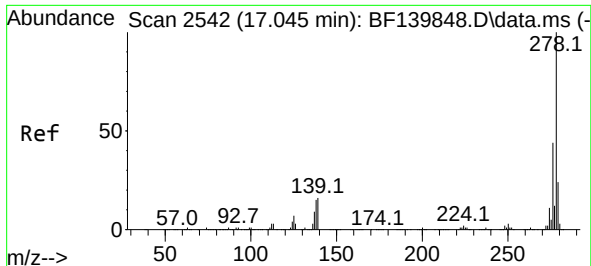
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.6 8.7 13.1





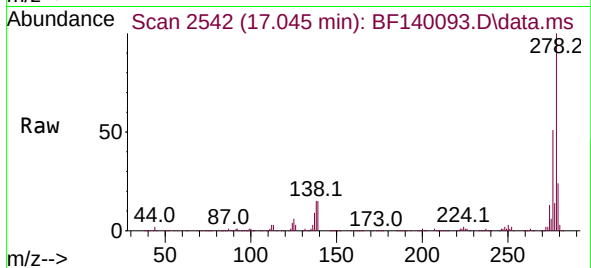
#91
Dibenzo(a,h)anthracene
Concen: 45.536 ng
RT: 17.045 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03

Instrument :

BNA_F

ClientSampleId :

VNJ-215MSD

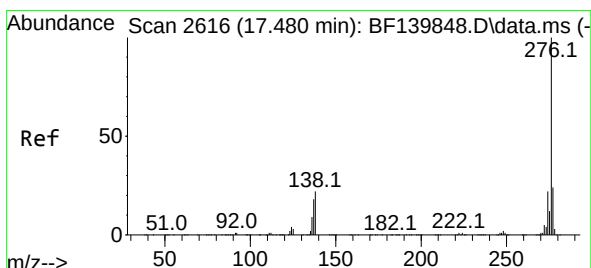
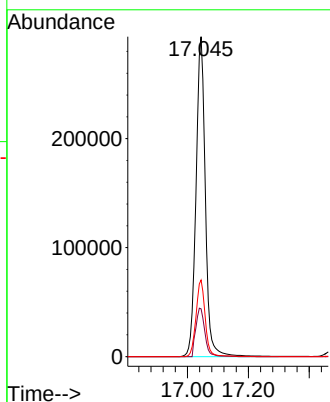
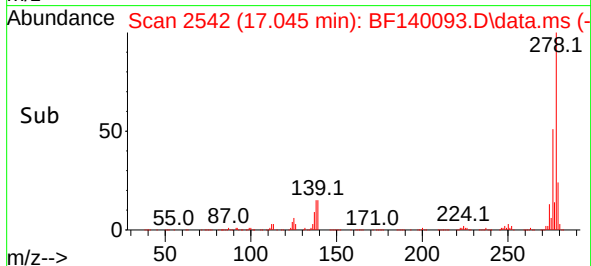


Tgt Ion:278 Resp: 626364
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 24.0 19.0 28.4

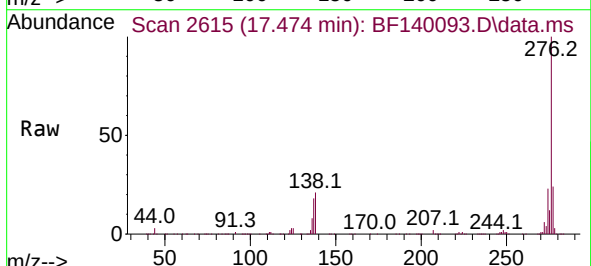
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#92
Benzo(g,h,i)perylene
Concen: 36.850 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF140093.D
Acq: 28 Oct 2024 18:03



Tgt Ion:276 Resp: 506321
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.2 17.4 26.0

