

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140432.D
 Acq On : 16 Nov 2024 16:16
 Operator : RC/JU
 Sample : P4821-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24MS

Quant Time: Nov 18 00:07:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	124316	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	461071	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	252226	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	475583	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261264	20.000	ng	0.00
86) Perylene-d12	15.545	264	262017	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	734541	100.884	ng	0.02
7) Phenol-d6	6.516	99	975997	98.938	ng	0.01
23) Nitrobenzene-d5	7.434	82	616890	69.711	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	267856	106.793	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1102155	70.245	ng	0.00
79) Terphenyl-d14	12.980	244	1060690	70.470	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	137150	42.263	ng	99
3) Pyridine	3.446	79	345342	43.287	ng	99
4) n-Nitrosodimethylamine	3.398	42	177313	43.975	ng	100
6) Aniline	6.539	93	270459	31.517	ng	# 54
8) 2-Chlorophenol	6.663	128	361086	46.167	ng	98
9) Benzaldehyde	6.422	77	34129	5.773	ng	99
10) Phenol	6.528	94	463787	44.582	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	347761	44.118	ng	98
12) 1,3-Dichlorobenzene	6.816	146	373172	43.243	ng	98
13) 1,4-Dichlorobenzene	6.892	146	379155	43.331	ng	99
14) 1,2-Dichlorobenzene	7.045	146	365021	44.936	ng	98
15) Benzyl Alcohol	7.016	79	325468	45.794	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	466338	42.831	ng	73
17) 2-Methylphenol	7.134	107	284914	44.282	ng	94
18) Hexachloroethane	7.386	117	136810	42.293	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	250940	42.119	ng	98
20) 3+4-Methylphenols	7.286	107	359498	44.678	ng	99
22) Acetophenone	7.281	105	479569	44.721	ng	98
24) Nitrobenzene	7.457	77	395398	42.915	ng	99
25) Isophorone	7.692	82	691225	44.073	ng	99
26) 2-Nitrophenol	7.769	139	190019	46.475	ng	99
27) 2,4-Dimethylphenol	7.810	122	278761m	53.255	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	417628	43.427	ng	100
29) 2,4-Dichlorophenol	8.016	162	296400	45.818	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	309586	42.984	ng	99
31) Naphthalene	8.175	128	1027189	43.917	ng	100
32) Benzoic acid	7.928	122	211271	45.869	ng	98
33) 4-Chloroaniline	8.228	127	107207	13.180	ng	96
34) Hexachlorobutadiene	8.292	225	197998	43.147	ng	99
35) Caprolactam	8.586	113	100603m	46.789	ng	
36) 4-Chloro-3-methylphenol	8.716	107	321329	44.822	ng	98
37) 2-Methylnaphthalene	8.869	142	665818	44.395	ng	100
38) 1-Methylnaphthalene	8.969	142	622952	42.417	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	315879	45.288	ng	99
41) Hexachlorocyclopentadiene	9.016	237	219172	122.386	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	212234	46.366	ng	99

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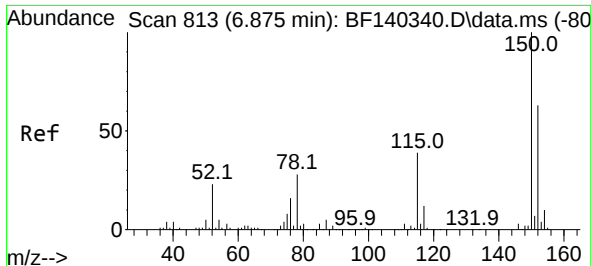
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221495	44.259	ng	97
46) 1,1'-Biphenyl	9.333	154	818224	44.591	ng	100
47) 2-Chloronaphthalene	9.357	162	621171	44.440	ng	99
48) 2-Nitroaniline	9.457	65	215468	46.481	ng	100
49) Acenaphthylene	9.775	152	1027133	48.568	ng	100
50) Dimethylphthalate	9.633	163	745110	45.322	ng	99
51) 2,6-Dinitrotoluene	9.698	165	166695	44.476	ng	94
52) Acenaphthene	9.945	154	704565	49.325	ng	99
53) 3-Nitroaniline	9.863	138	116107	29.498	ng	98
54) 2,4-Dinitrophenol	9.975	184	135133	69.917	ng	99
55) Dibenzofuran	10.116	168	932061	46.094	ng	100
56) 4-Nitrophenol	10.039	139	269211	93.768	ng	99
57) 2,4-Dinitrotoluene	10.098	165	228856	46.395	ng	99
58) Fluorene	10.463	166	729282	45.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	189745	48.018	ng	99
60) Diethylphthalate	10.327	149	751940	44.729	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	348083	44.137	ng	98
62) 4-Nitroaniline	10.480	138	168543	41.878	ng	99
63) Azobenzene	10.610	77	880227	52.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	106305	41.546	ng	98
66) n-Nitrosodiphenylamine	10.569	169	636123	46.293	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	212193	44.635	ng	97
68) Hexachlorobenzene	11.010	284	238073	44.509	ng	98
69) Atrazine	11.098	200	211837	50.955	ng	99
70) Pentachlorophenol	11.210	266	241657	83.871	ng	97
71) Phenanthrene	11.427	178	1024587	45.862	ng	100
72) Anthracene	11.480	178	1060953	48.456	ng	99
73) Carbazole	11.633	167	959108	44.363	ng	100
74) Di-n-butylphthalate	11.957	149	1147737	44.232	ng	100
75) Fluoranthene	12.616	202	992301	39.590	ng	100
77) Benzidine	12.733	184	255334	25.463	ng	99
78) Pyrene	12.845	202	990327	44.314	ng	99
80) Butylbenzylphthalate	13.457	149	394161	45.913	ng	98
81) Benzo(a)anthracene	14.039	228	797440	46.441	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	193490	35.452	ng	99
83) Chrysene	14.074	228	726073	46.344	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	514146	44.869	ng	99
85) Di-n-octyl phthalate	14.645	149	812333	50.335	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	568648	35.133	ng	99
88) Benzo(b)fluoranthene	15.109	252	738862	43.108	ng	99
89) Benzo(k)fluoranthene	15.139	252	692621	49.466	ng	99
90) Benzo(a)pyrene	15.480	252	647733	48.664	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	468399	35.010	ng	99
92) Benzo(g,h,i)perylene	17.503	276	400698	29.296	ng	99

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



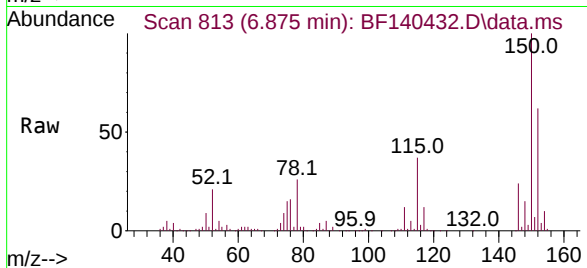
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140432.D
 Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS



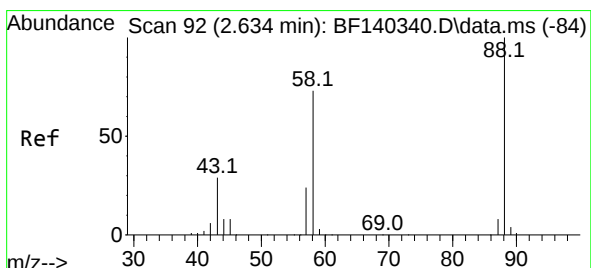
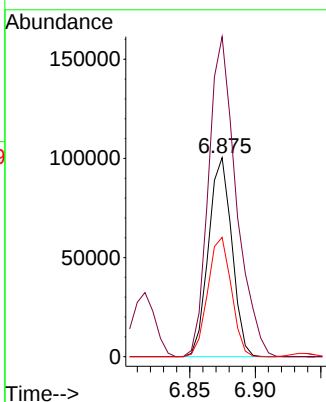
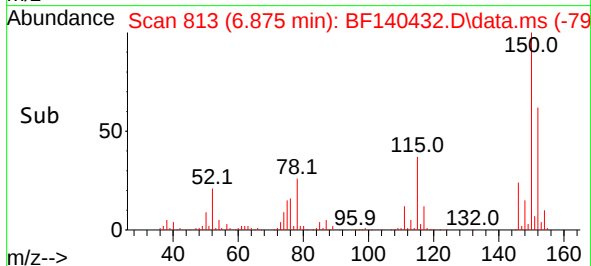
Tgt Ion:152 Resp: 124310
 Ion Ratio Lower Upper
 152 100
 150 160.7 127.4 191.0
 115 60.0 47.4 71.2

Manual Integrations

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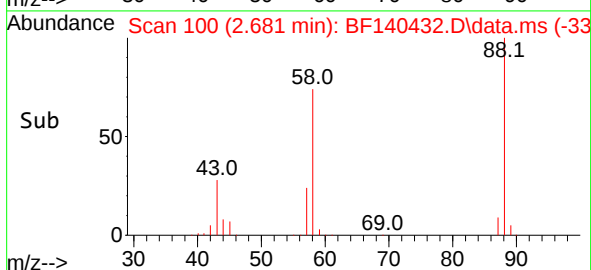
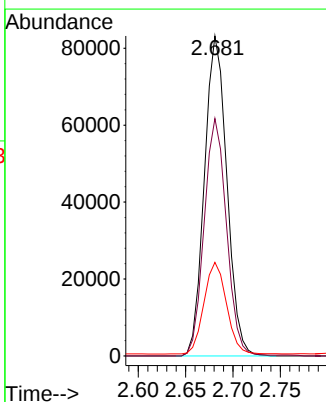
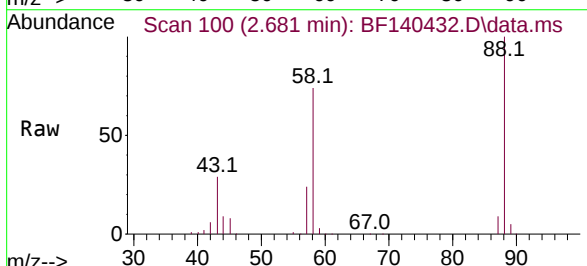
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#2
 1,4-Dioxane
 Concen: 42.263 ng
 RT: 2.681 min Scan# 100
 Delta R.T. 0.047 min
 Lab File: BF140432.D
 Acq: 16 Nov 2024 16:16

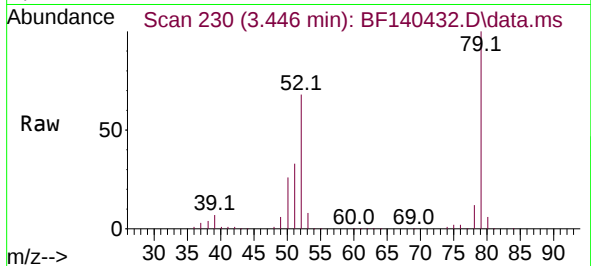
Tgt Ion: 88 Resp: 137150
 Ion Ratio Lower Upper
 88 100
 58 73.7 59.5 89.3
 43 28.8 23.4 35.2





#3
Pyridine
Concen: 43.287 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

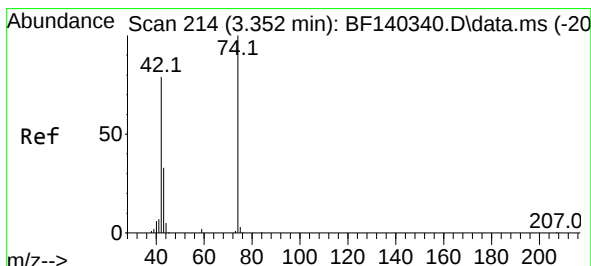
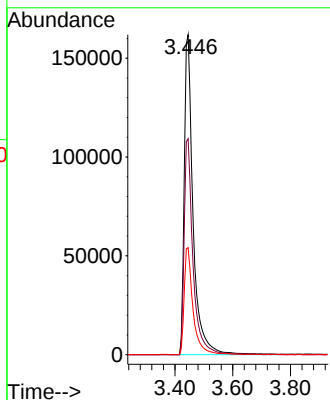
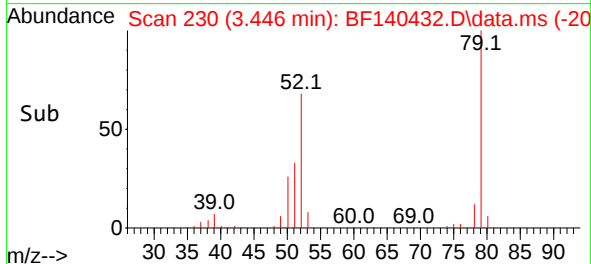
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ClientSampleId :
BP-F-24MS



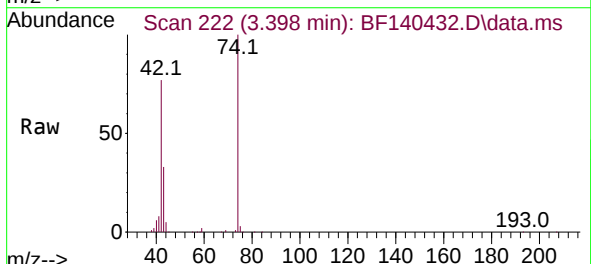
Tgt Ion: 79 Resp: 34534
Ion Ratio Lower Upper
79 100
52 67.5 53.8 80.6
51 33.5 27.3 40.9

Manual Integrations
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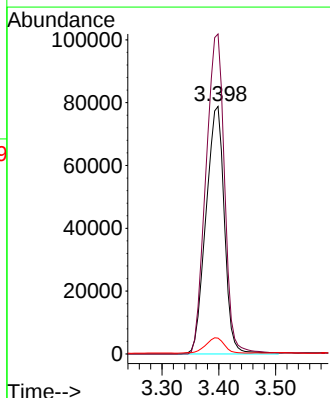
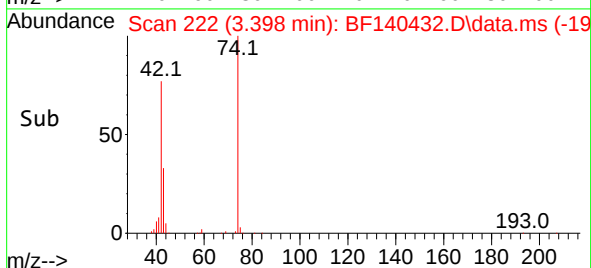
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

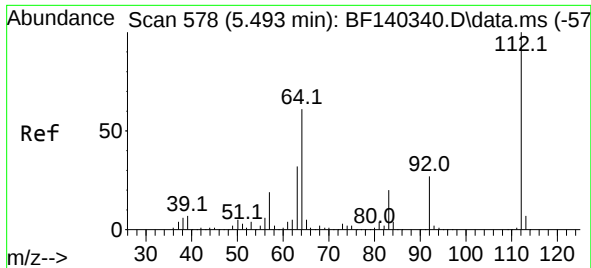


#4
n-Nitrosodimethylamine
Concen: 43.975 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.041 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



Tgt Ion: 42 Resp: 177313
Ion Ratio Lower Upper
42 100
74 129.3 103.5 155.3
44 6.4 5.1 7.7





#5
2-Fluorophenol
Concen: 100.884 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

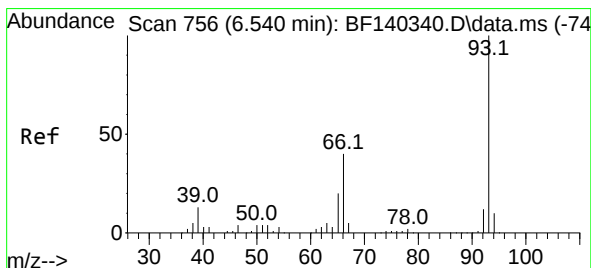
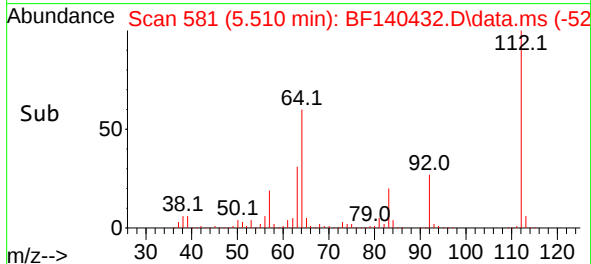
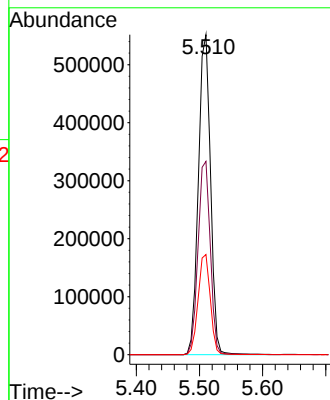
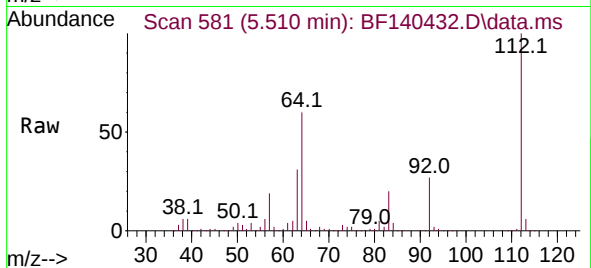
BP-F-24MS

Tgt Ion:112 Resp: 73454
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.3 25.6 38.4

Manual Integrations

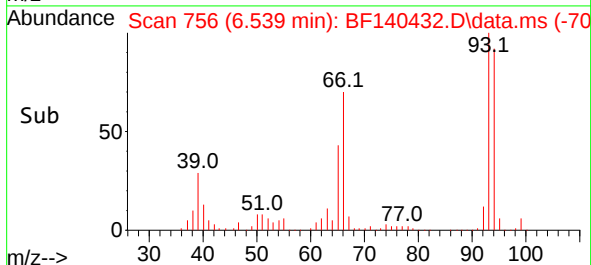
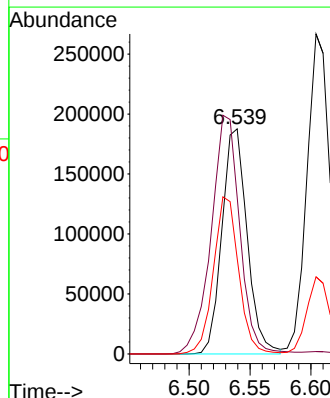
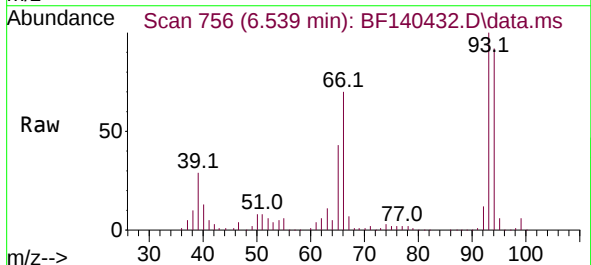
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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#6
Aniline
Concen: 31.517 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

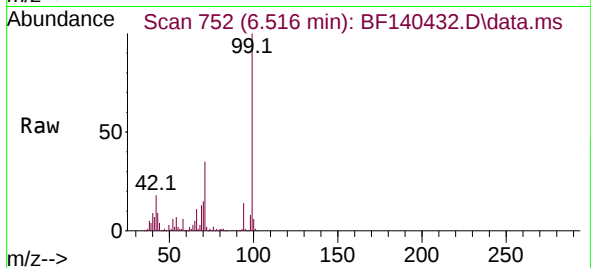
Tgt Ion: 93 Resp: 270459
Ion Ratio Lower Upper
93 100
66 69.8 32.8 49.2#
65 42.5 16.6 25.0#





#7
Phenol-d6
Concen: 98.938 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

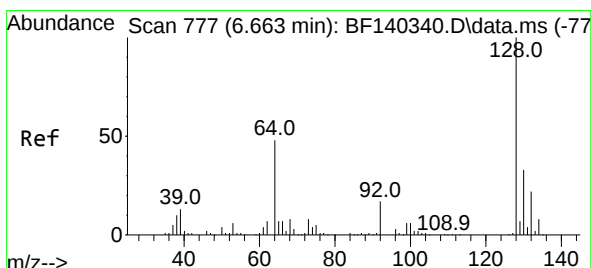
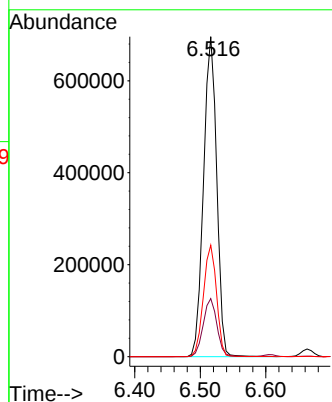
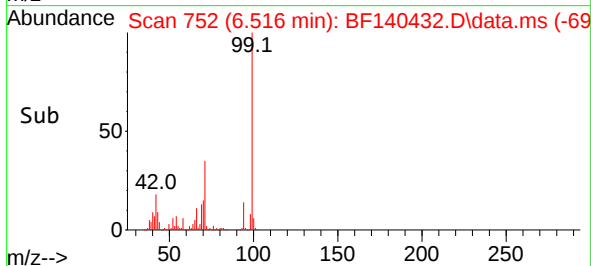
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion: 99 Resp: 97599
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 34.9 27.9 41.9

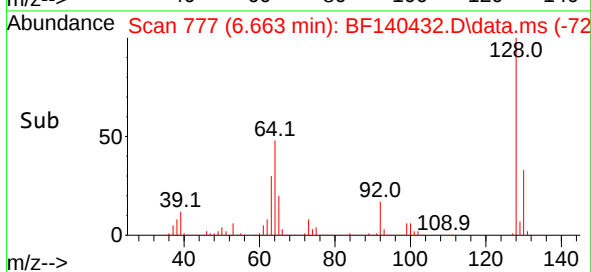
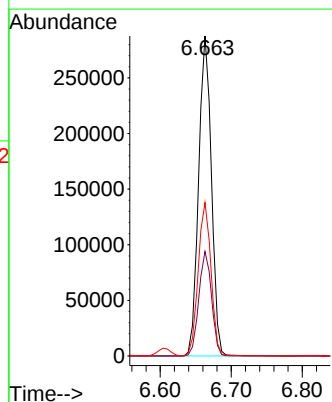
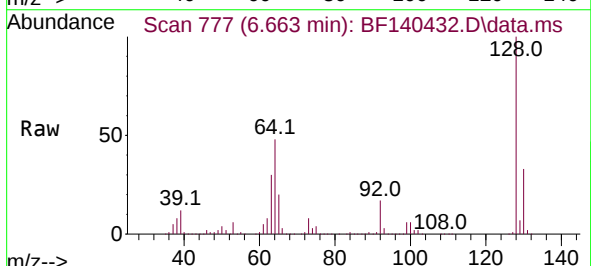
Manual Integrations
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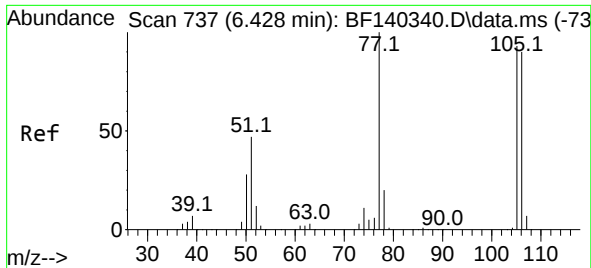
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 46.167 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:128 Resp: 361086
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 47.9 30.2 70.2





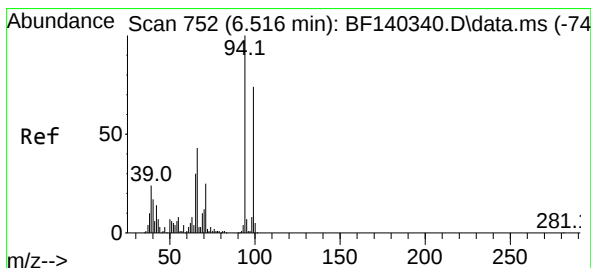
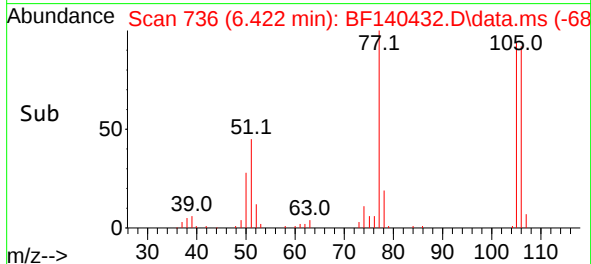
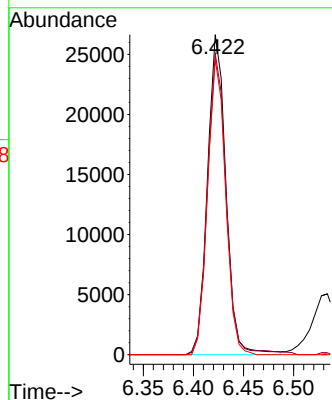
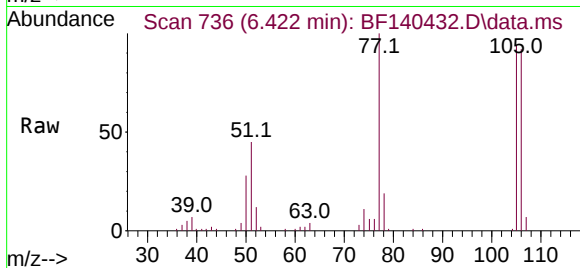
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Benzaldehyde
Concen: 5.773 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion: 77	Resp: 34129
Ion Ratio	Lower Upper
77 100	
105 94.1	74.4 114.4
106 92.3	69.9 109.9

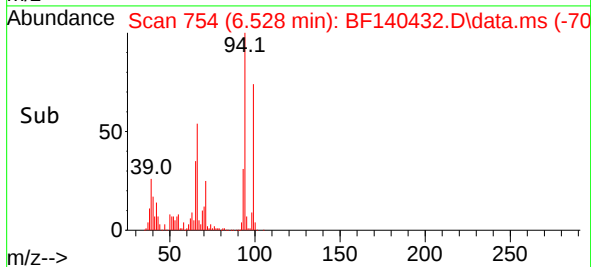
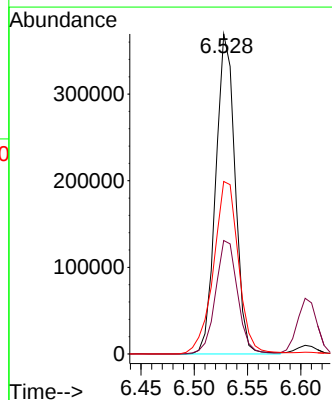
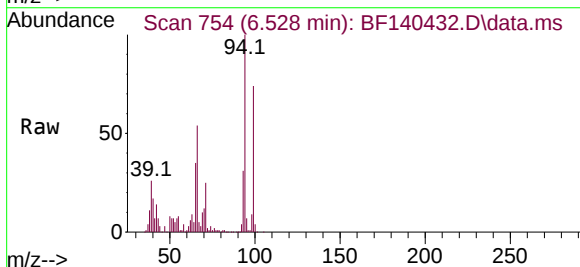
Manual Integrations
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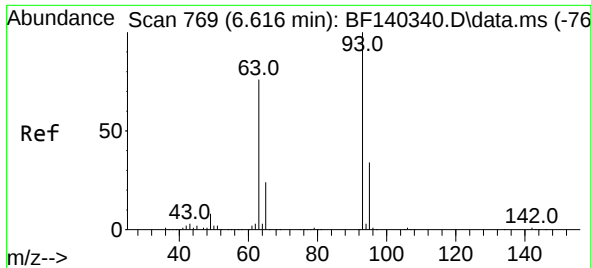
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#10
Phenol
Concen: 44.582 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion: 94	Resp: 463787
Ion Ratio	Lower Upper
94 100	
65 35.4	10.4 50.4
66 53.9	22.9 62.9





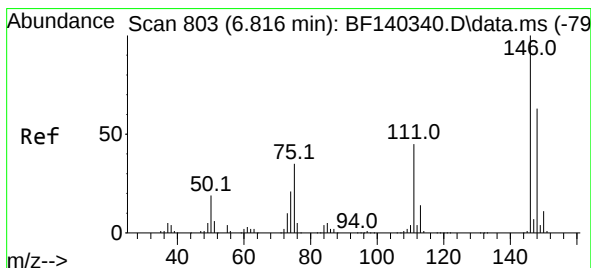
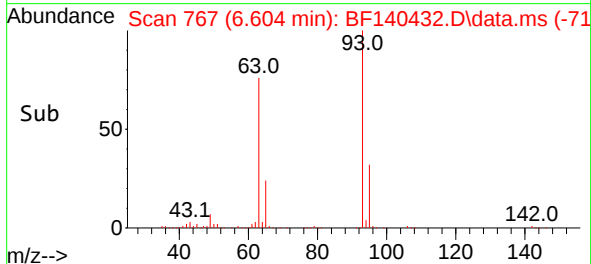
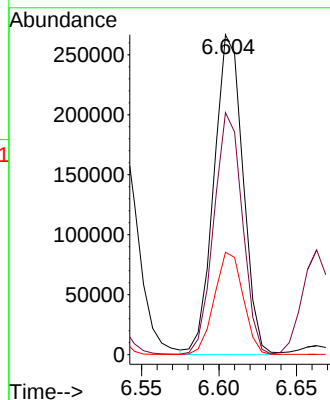
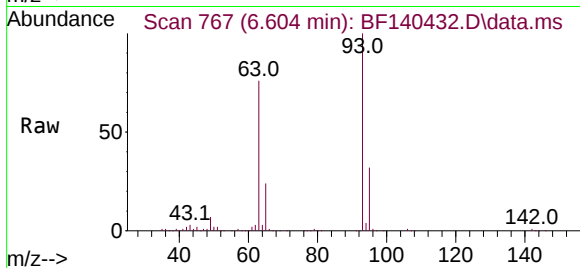
#11
bis(2-Chloroethyl)ether
Concen: 44.118 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion: 93 Resp: 34776
Ion Ratio Lower Upper
93 100
63 75.6 54.0 94.0
95 32.0 12.9 52.9

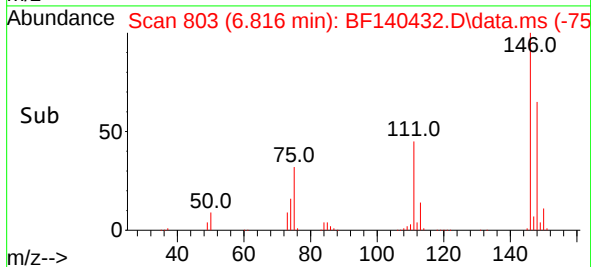
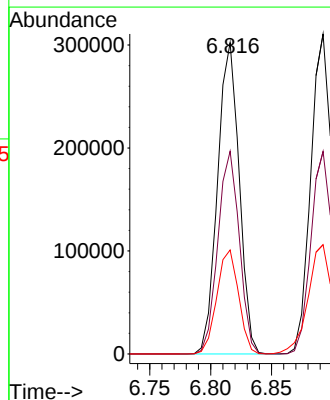
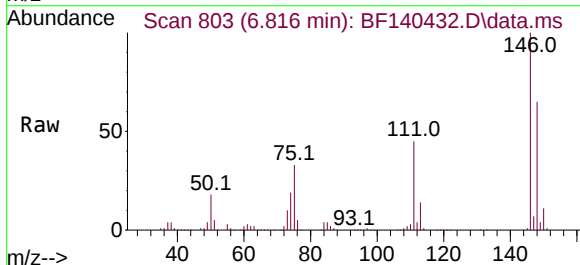
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 43.243 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:146 Resp: 373172
Ion Ratio Lower Upper
146 100
148 65.1 50.7 76.1
75 33.4 26.4 39.6





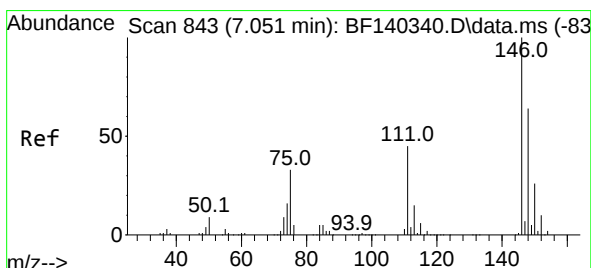
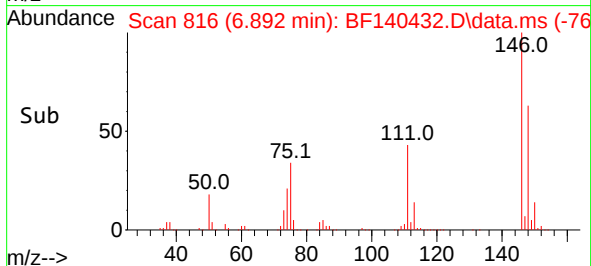
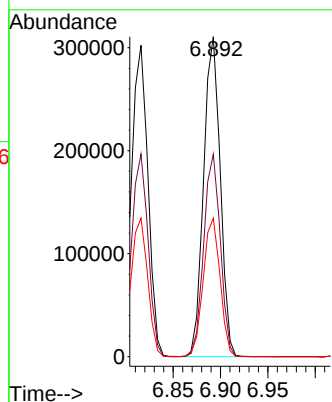
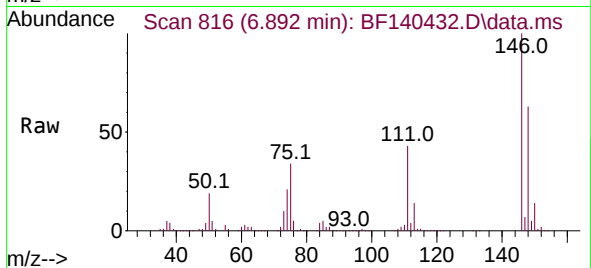
#13
1,4-Dichlorobenzene
Concen: 43.331 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:146 Resp: 37915
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 43.3 34.2 51.2

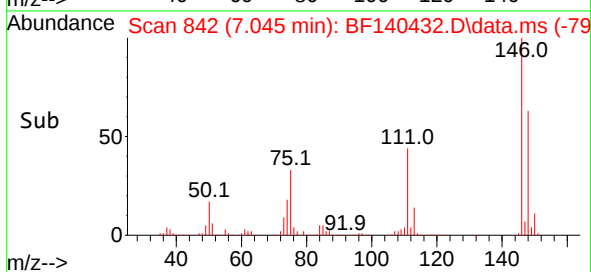
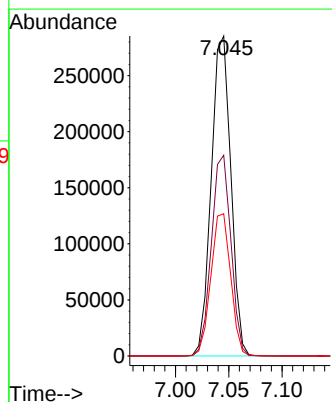
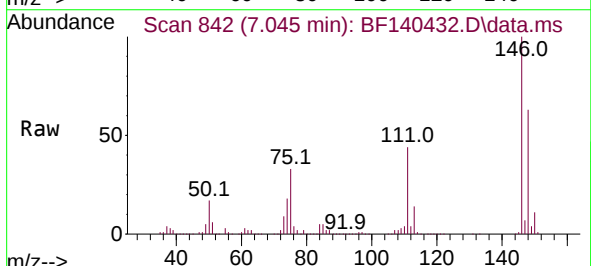
Manual Integrations
APPROVED

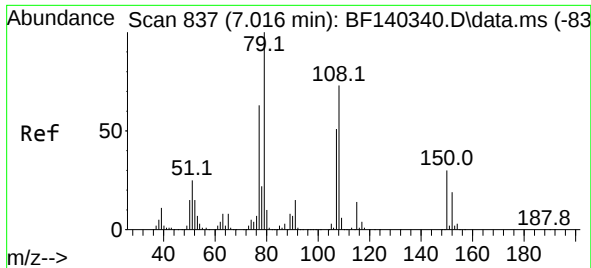
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 44.936 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

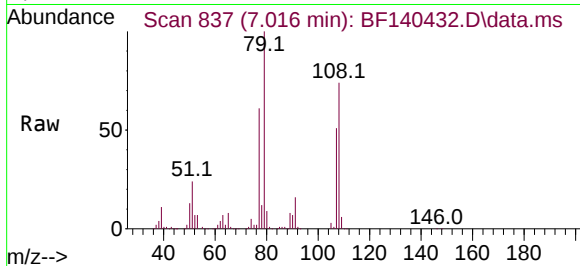
Tgt Ion:146 Resp: 365021
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
111 44.4 36.5 54.7





#15
Benzyl Alcohol
Concen: 45.794 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

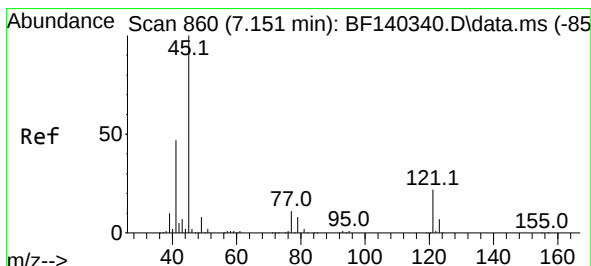
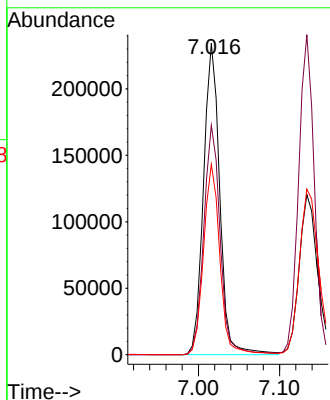
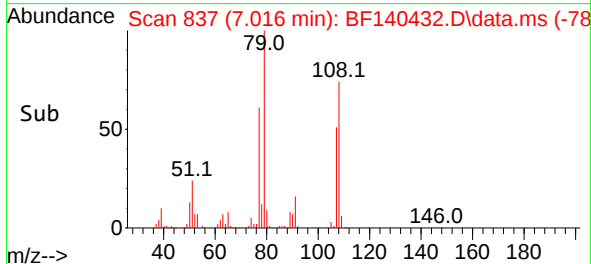
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion: 79 Resp: 325468
Ion Ratio Lower Upper
79 100
108 73.7 57.8 86.6
77 61.2 49.8 74.6

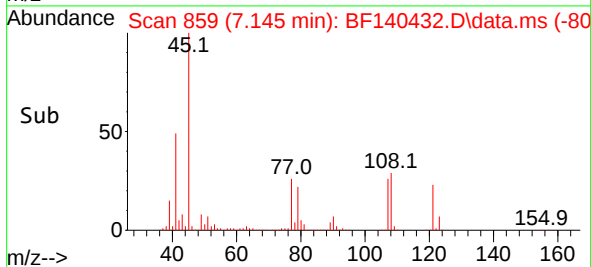
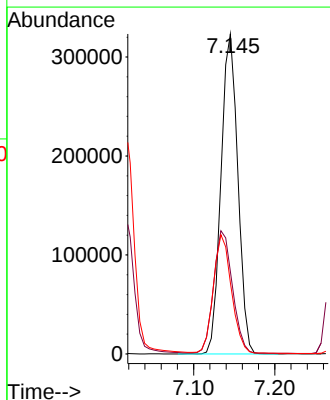
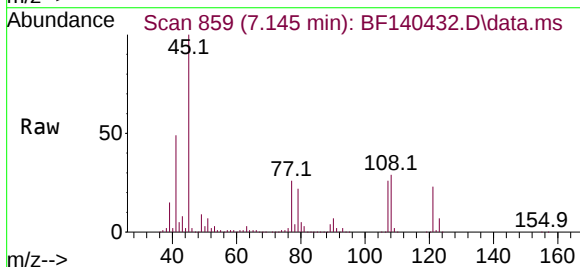
Manual Integrations
APPROVED

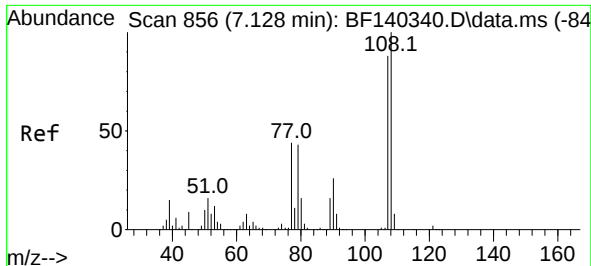
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.831 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion: 45 Resp: 466338
Ion Ratio Lower Upper
45 100
77 25.8 0.0 34.8
79 22.3 0.0 31.4





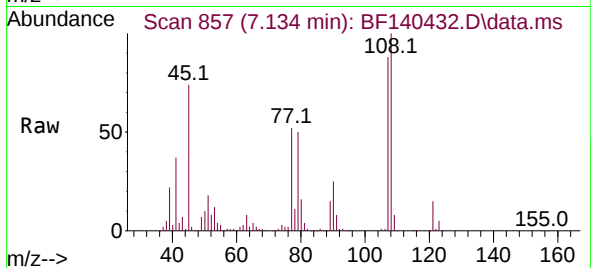
#17
2-Methylphenol
Concen: 44.282 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS



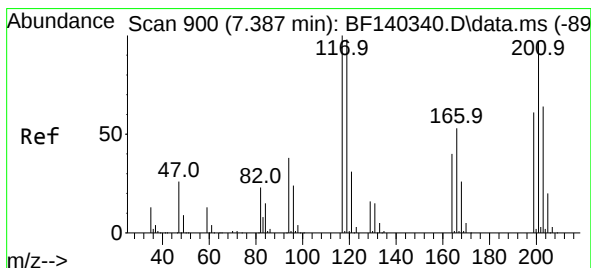
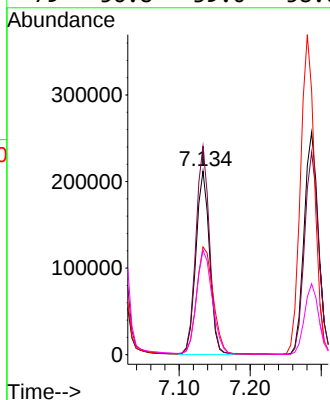
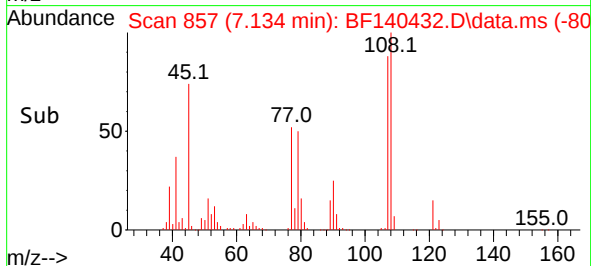
Tgt Ion:107 Resp: 284914
Ion Ratio Lower Upper
107 100
108 113.6 91.9 137.9
77 58.7 39.7 59.5
79 56.8 39.0 58.6

Manual Integrations

APPROVED

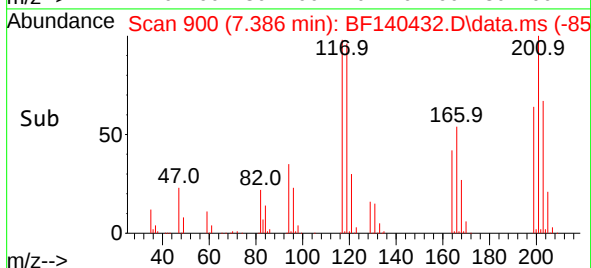
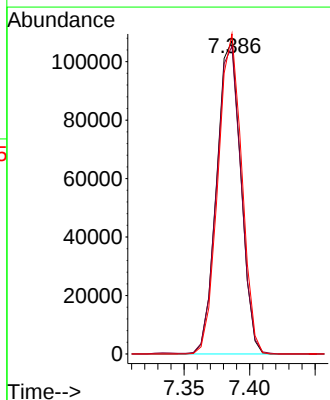
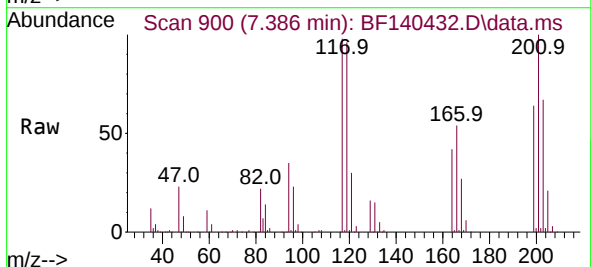
Reviewed By :Yogesh Patel 11/19/2024

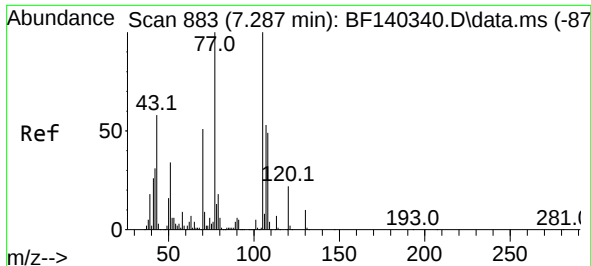
Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 42.293 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:117 Resp: 136810
Ion Ratio Lower Upper
117 100
119 98.3 76.9 115.3
201 102.2 80.2 120.4





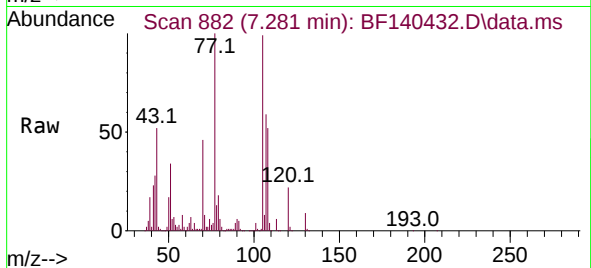
#19
n-Nitroso-di-n-propylamine
Concen: 42.119 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

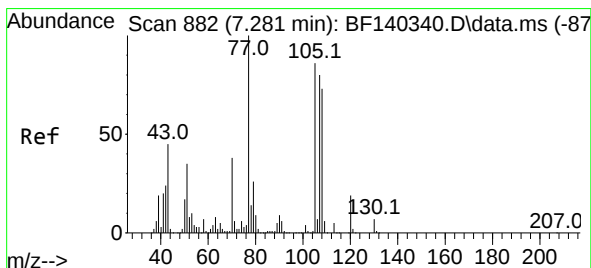
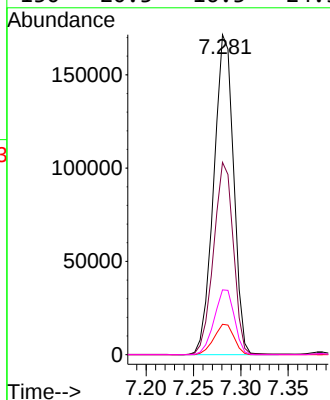
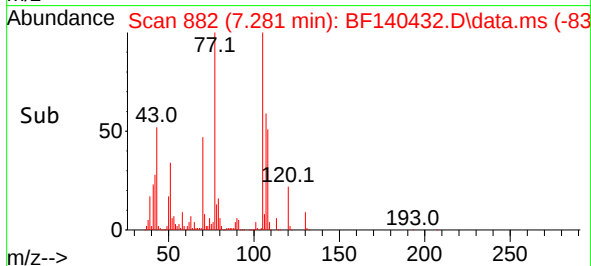


Tgt Ion: 70 Resp: 250940
Ion Ratio Lower Upper
70 100
42 60.1 46.8 70.2
101 9.5 7.5 11.3
130 20.3 16.3 24.5

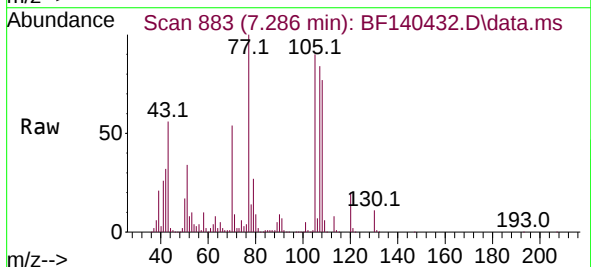
Manual Integrations

APPROVED

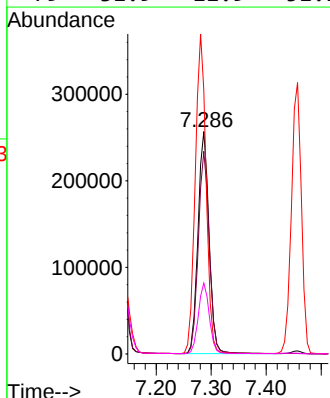
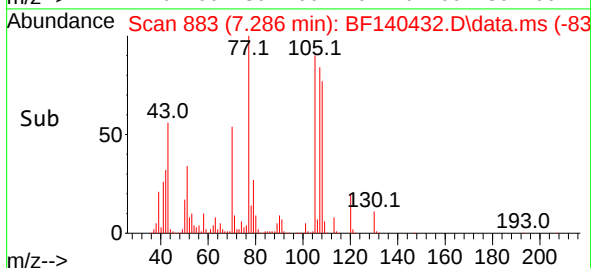
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

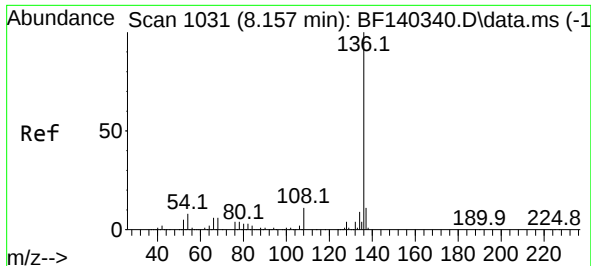


#20
3+4-Methylphenols
Concen: 44.678 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



Tgt Ion:107 Resp: 359498
Ion Ratio Lower Upper
107 100
108 91.1 71.4 111.4
77 118.6 97.0 137.0
79 31.9 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

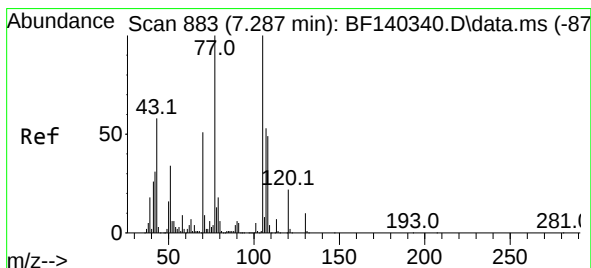
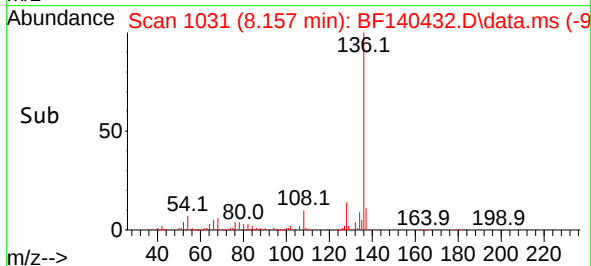
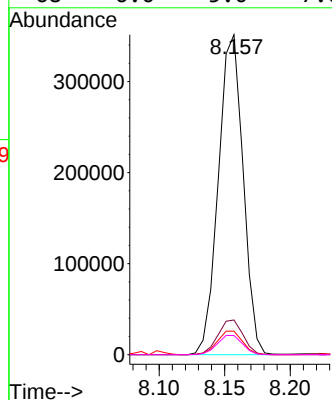
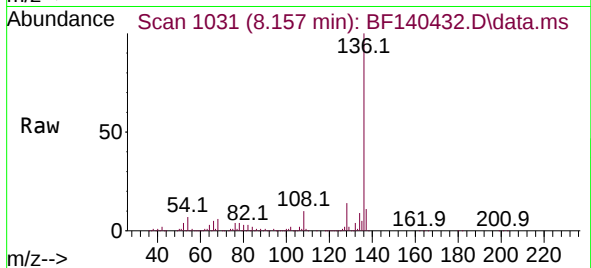
BP-F-24MS

Tgt Ion:136 Resp: 46107
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.4 6.5 9.7
68 6.0 5.0 7.6

Manual Integrations

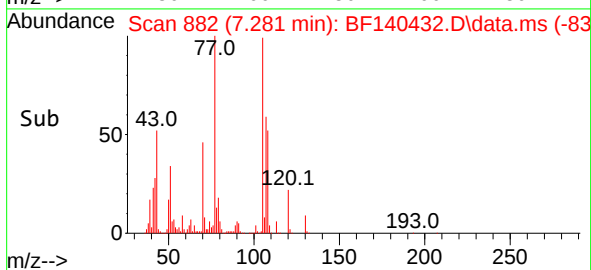
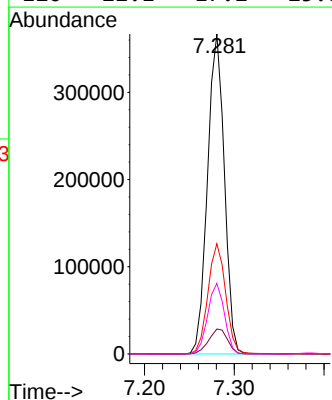
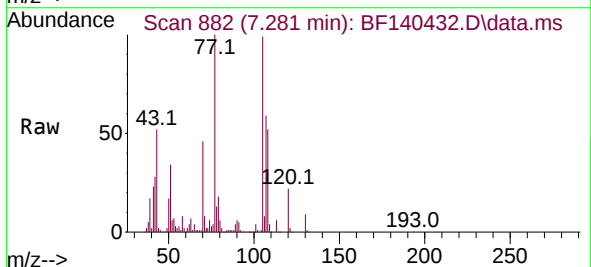
APPROVED

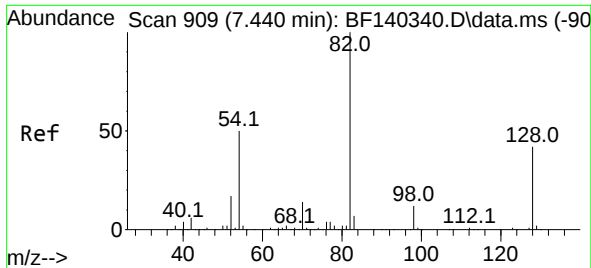
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#22
Acetophenone
Concen: 44.721 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:105 Resp: 479569
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 34.5 28.6 43.0
120 22.1 17.2 25.8





#23
Nitrobenzene-d5
Concen: 69.711 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

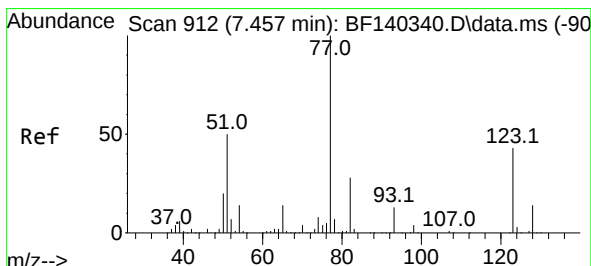
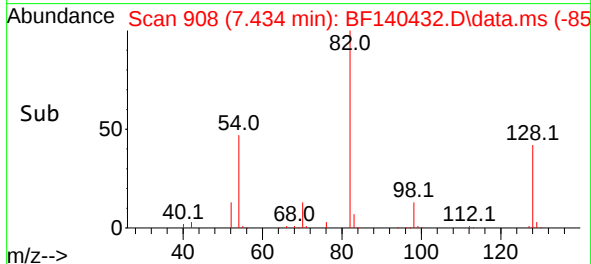
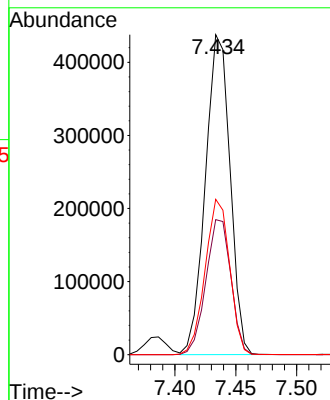
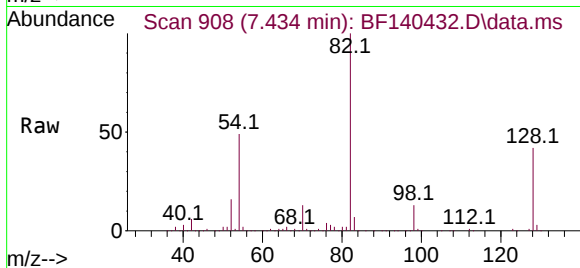
BP-F-24MS

Tgt Ion: 82 Resp: 616890
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 48.5 39.8 59.8

Manual Integrations

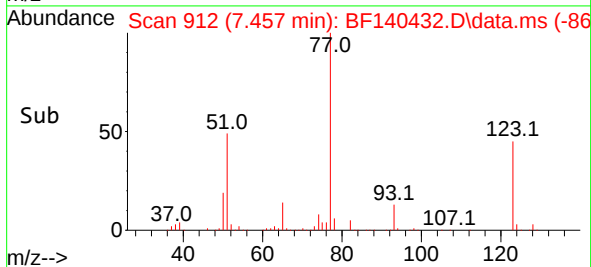
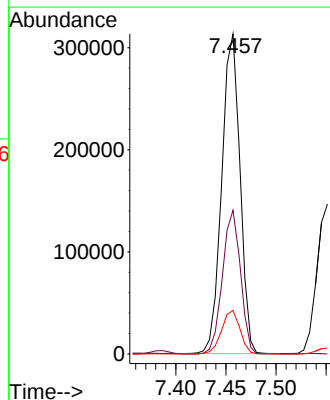
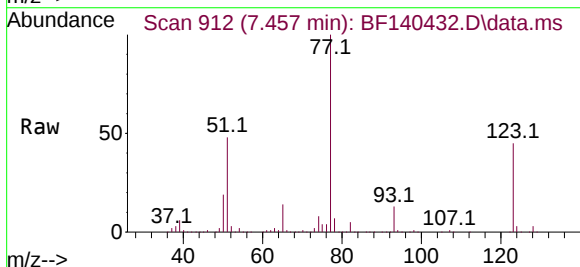
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#24
Nitrobenzene
Concen: 42.915 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion: 77 Resp: 395398
Ion Ratio Lower Upper
77 100
123 44.9 35.4 53.0
65 13.6 11.1 16.7





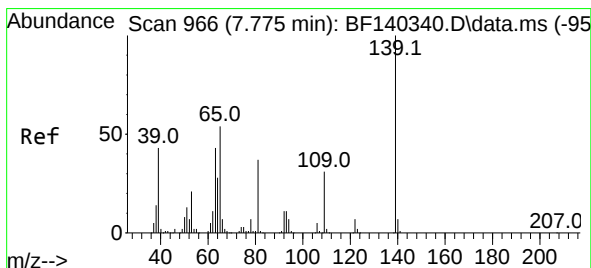
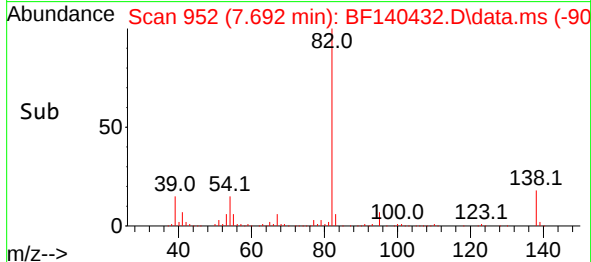
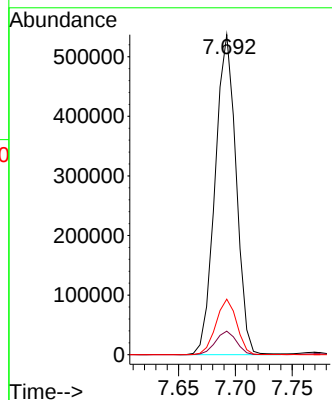
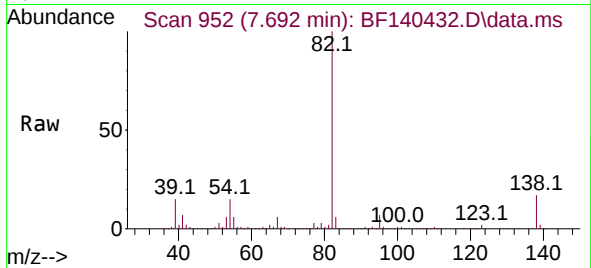
#25
Isophorone
Concen: 44.073 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion: 82 Resp: 691225
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.4 13.4 20.2

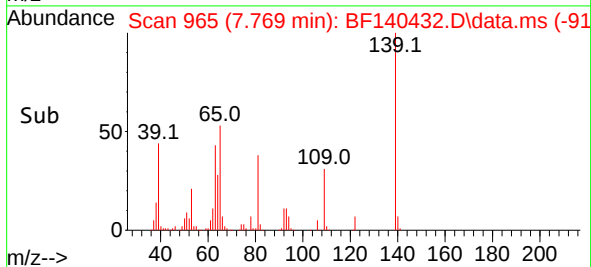
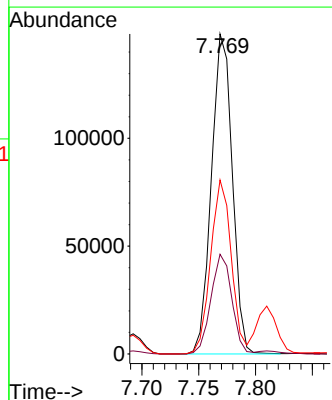
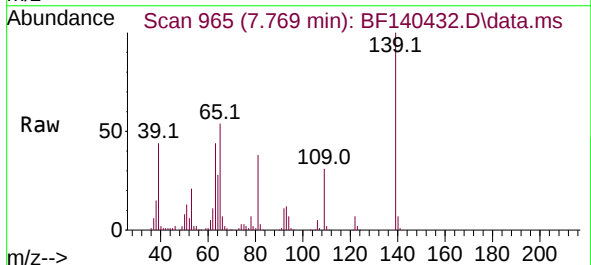
Manual Integrations
APPROVED

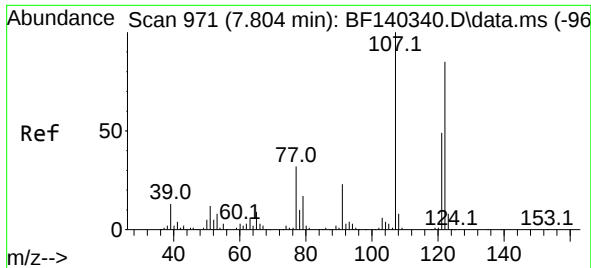
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#26
2-Nitrophenol
Concen: 46.475 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

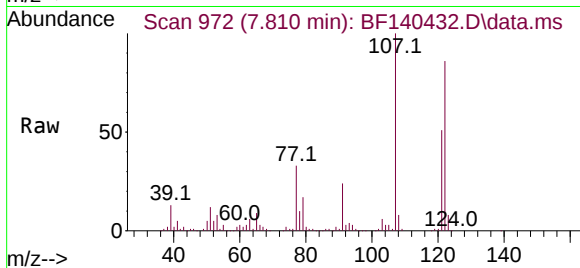
Tgt Ion:139 Resp: 190019
Ion Ratio Lower Upper
139 100
109 31.1 24.4 36.6
65 54.3 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 53.255 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

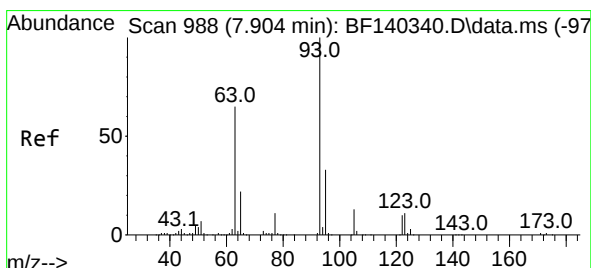
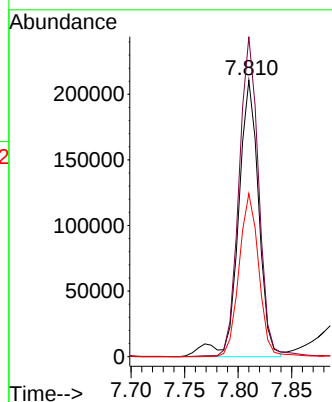
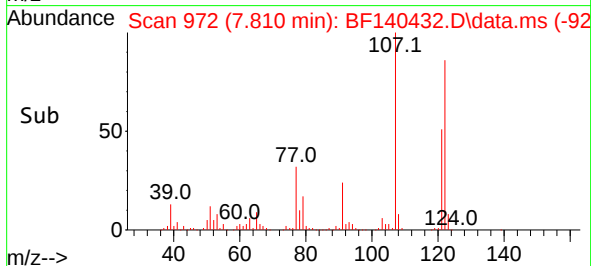
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion:122 Resp: 27876
Ion Ratio Lower Upper
122 100
107 115.8 91.3 136.9
121 59.0 45.5 68.3

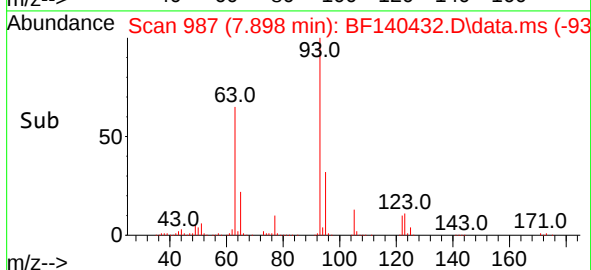
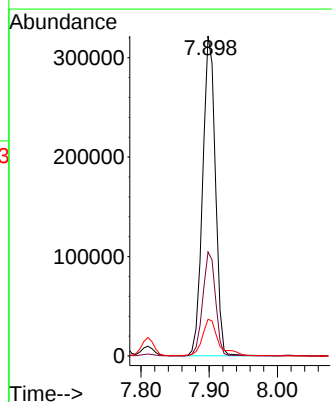
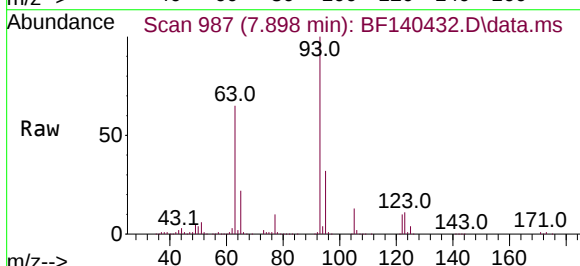
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.427 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion: 93 Resp: 417628
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.818 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

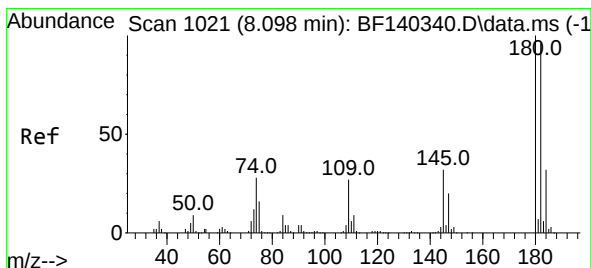
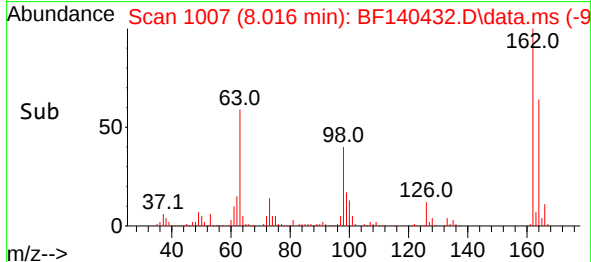
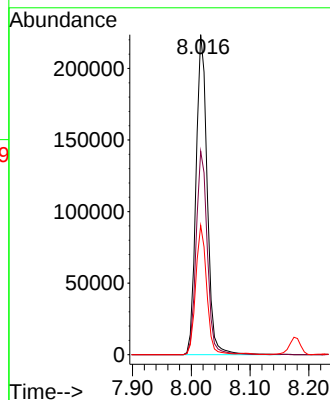
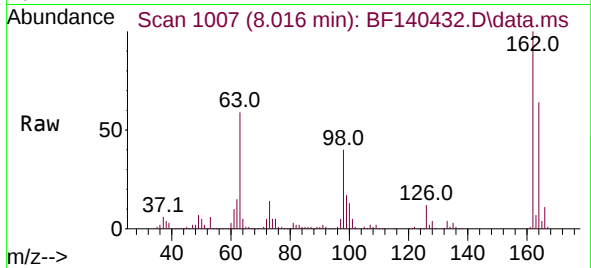
Tgt Ion:162 Resp: 296400
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.4 85.4
 98 40.4 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.984 ng

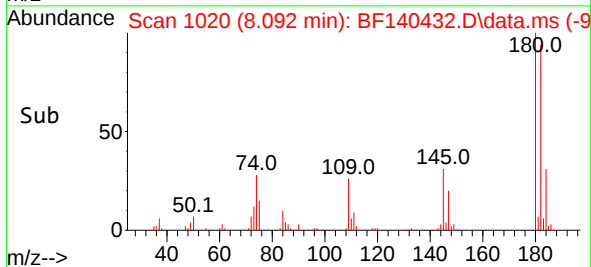
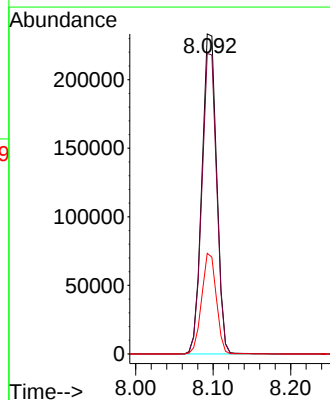
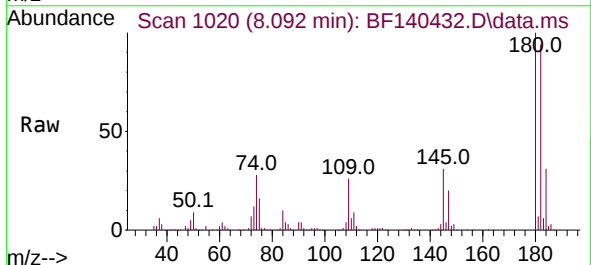
RT: 8.092 min Scan# 1020

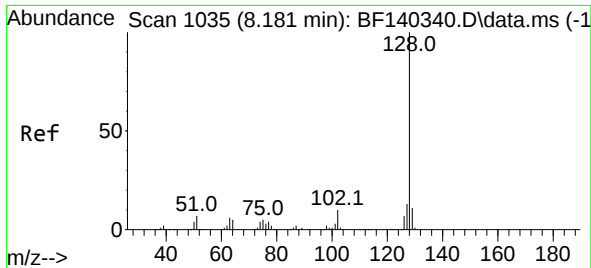
Delta R.T. -0.006 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:180 Resp: 309586
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.5 114.7
 145 31.5 25.3 37.9





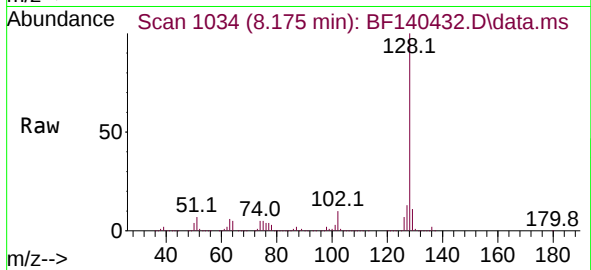
#31
Naphthalene
Concen: 43.917 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS



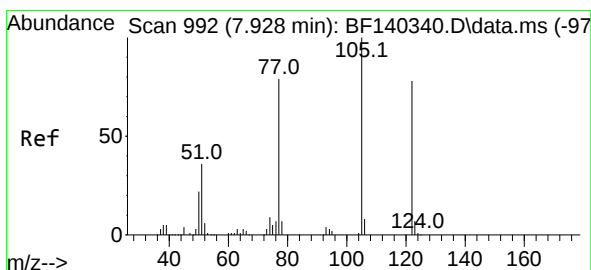
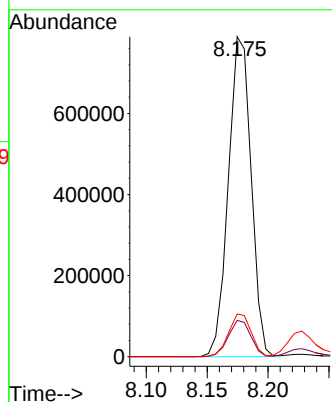
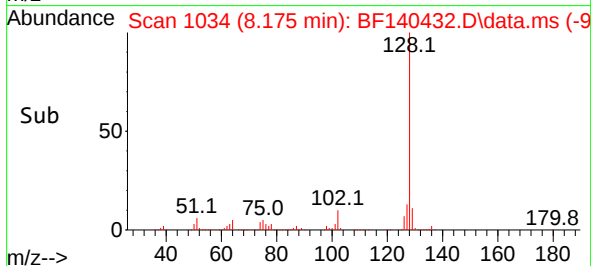
Tgt Ion:128 Resp: 1027189
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

APPROVED

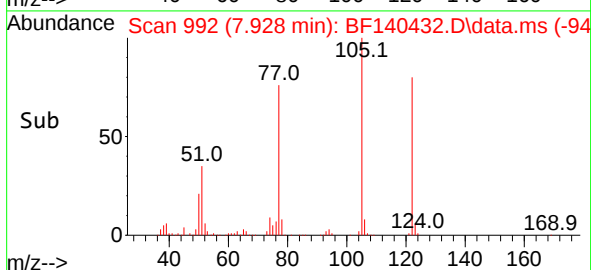
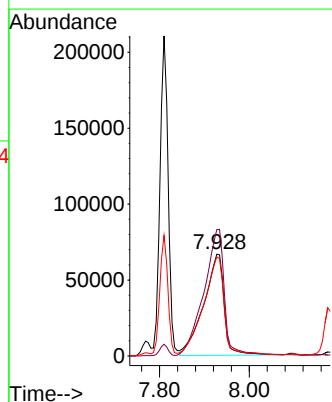
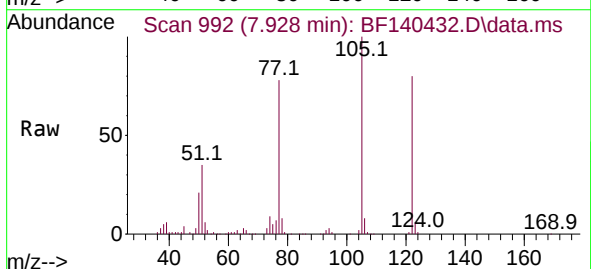
Reviewed By :Yogesh Patel 11/19/2024

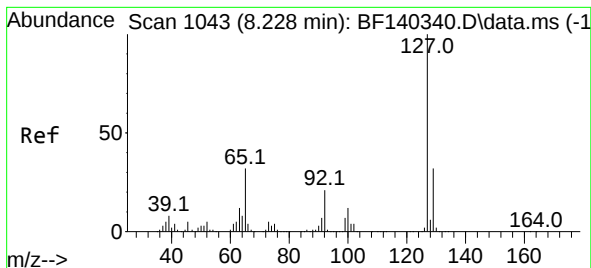
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 45.869 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:122 Resp: 211271
Ion Ratio Lower Upper
122 100
105 124.3 100.9 140.9
77 97.4 76.0 116.0





#33

4-Chloroaniline

Concen: 13.180 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

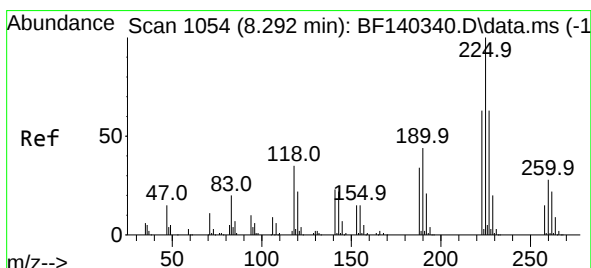
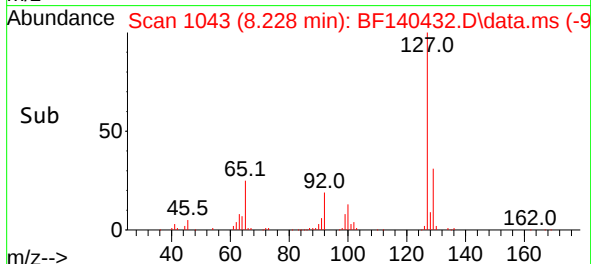
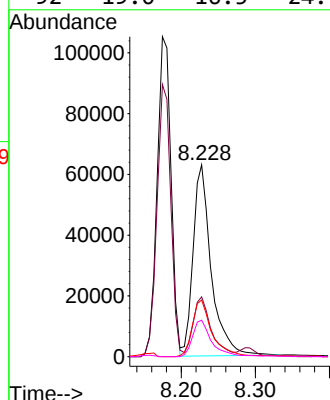
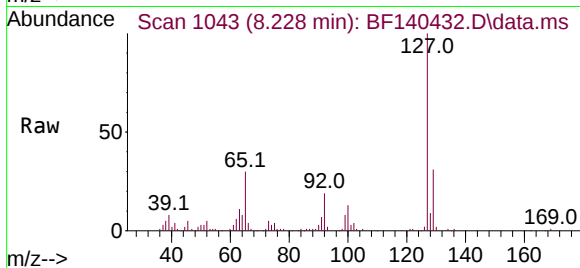
BP-F-24MS

Tgt Ion:	127	Resp:	10720
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.2	39.4
65	29.5	25.8	38.6
92	19.0	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34

Hexachlorobutadiene

Concen: 43.147 ng

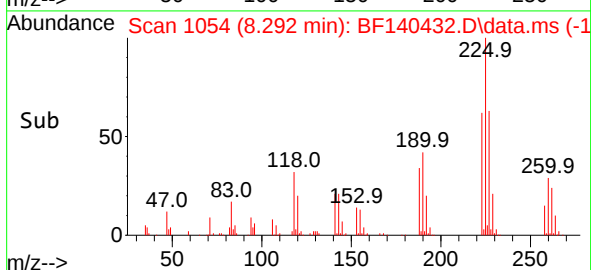
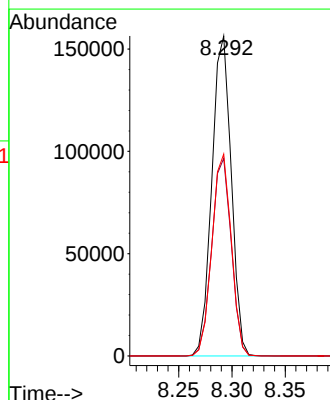
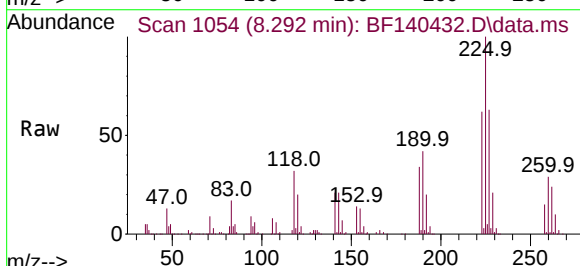
RT: 8.292 min Scan# 1054

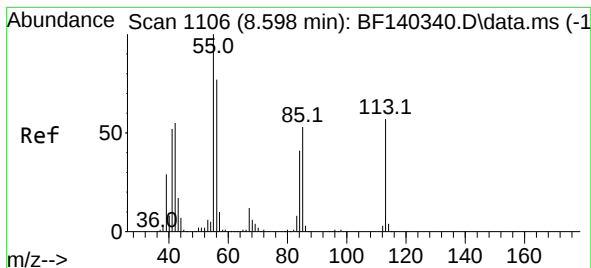
Delta R.T. -0.006 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:	225	Resp:	197998
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.1	75.1
227	63.1	51.3	76.9





#35

Caprolactam

Concen: 46.789 ng m

RT: 8.586 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

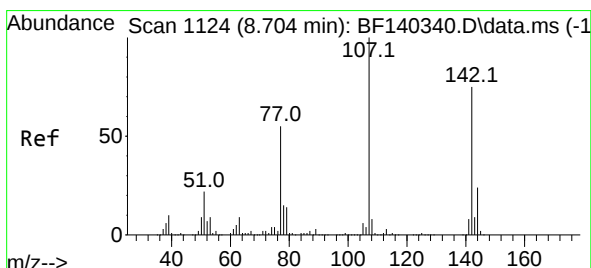
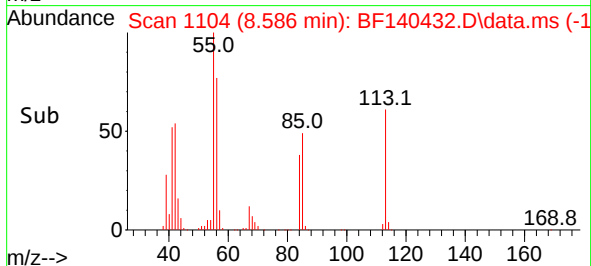
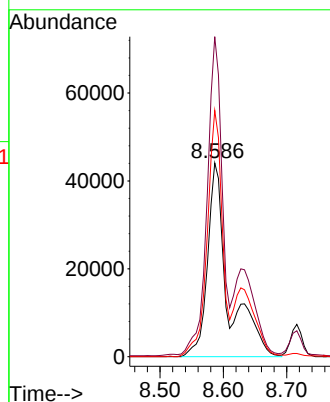
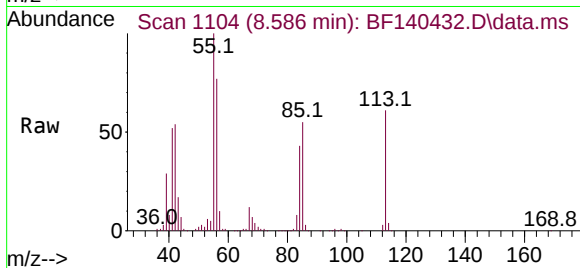
ClientSampleId :

BP-F-24MS

Tgt Ion:113 Resp: 100600
 Ion Ratio Lower Upper
 113 100
 55 165.1 150.0 190.0
 56 127.1 111.1 151.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#36

4-Chloro-3-methylphenol

Concen: 44.822 ng

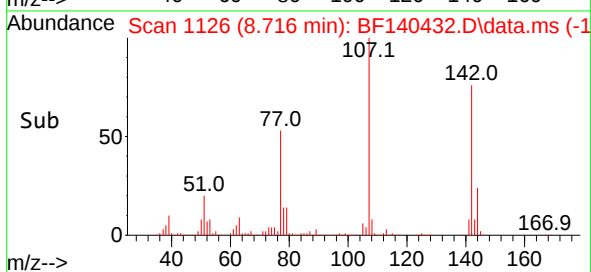
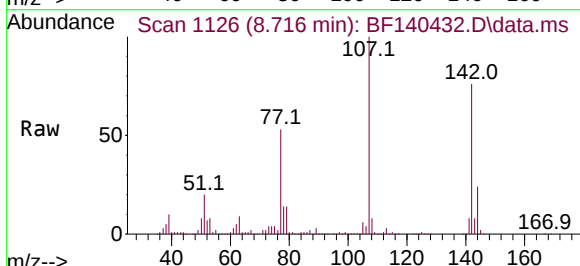
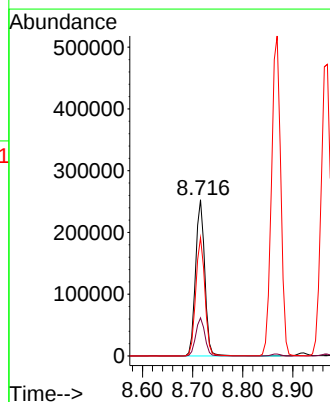
RT: 8.716 min Scan# 1126

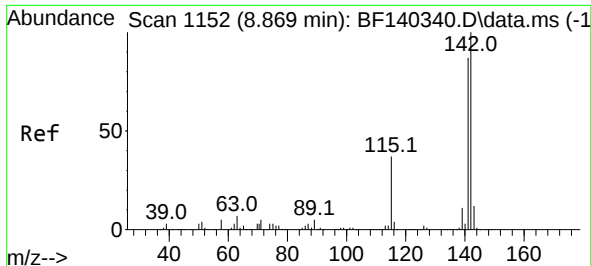
Delta R.T. 0.012 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:107 Resp: 321329
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 75.8 59.4 89.0





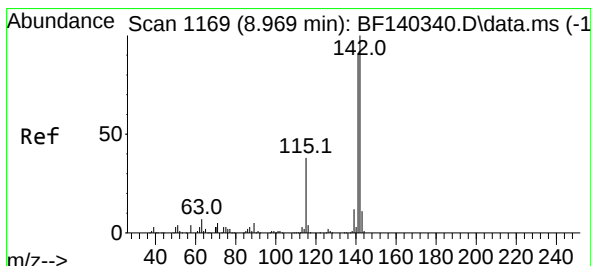
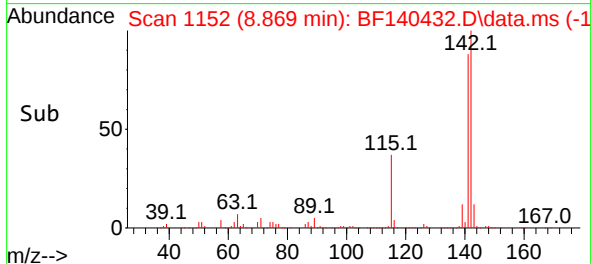
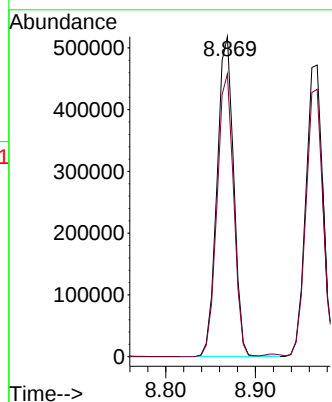
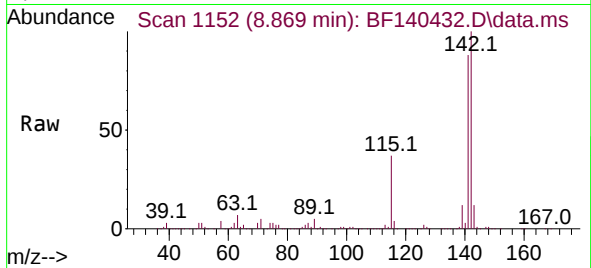
#37
2-Methylnaphthalene
Concen: 44.395 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:142 Resp: 665818
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6

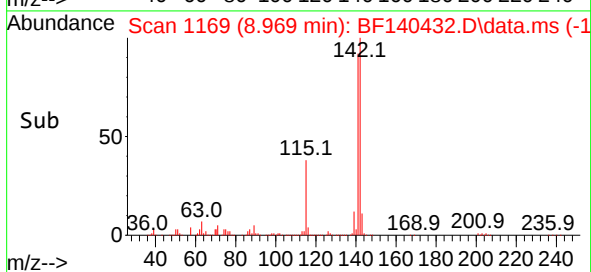
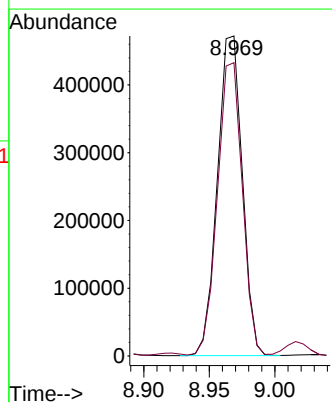
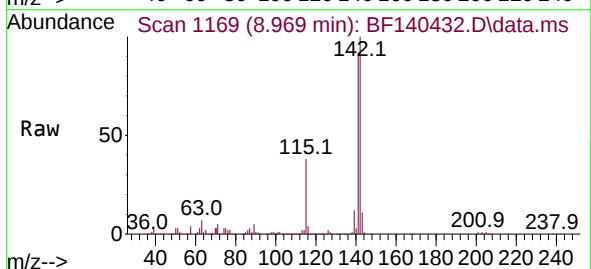
Manual Integrations
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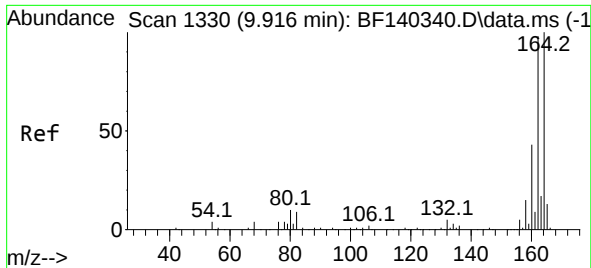
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#38
1-Methylnaphthalene
Concen: 42.417 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:142 Resp: 622952
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4





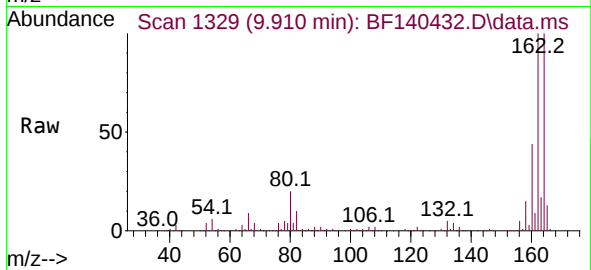
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS



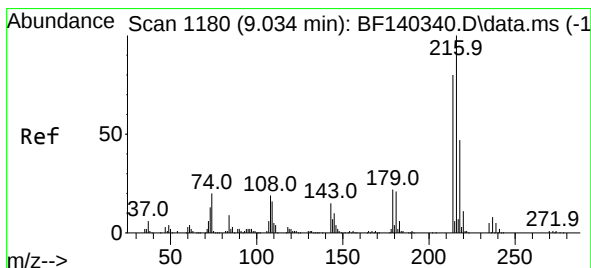
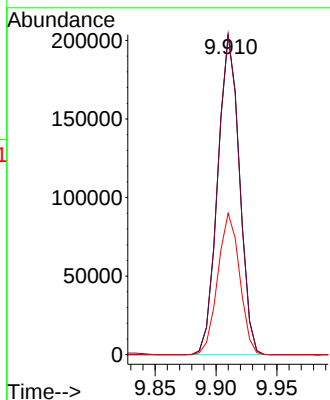
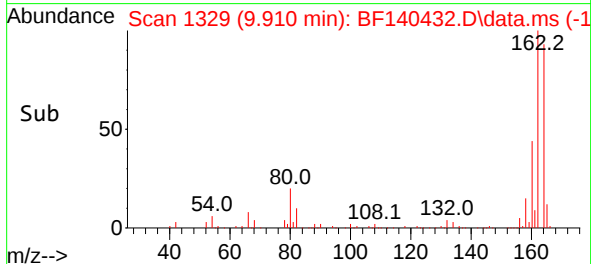
Tgt Ion:164 Resp: 252220
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 44.3 35.4 53.0

Manual Integrations

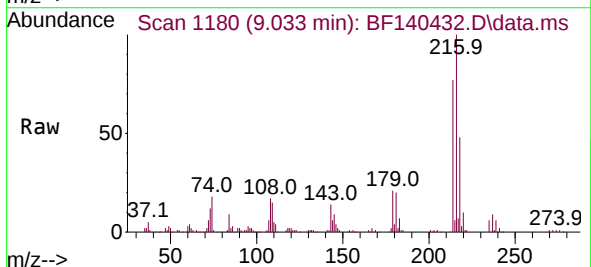
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

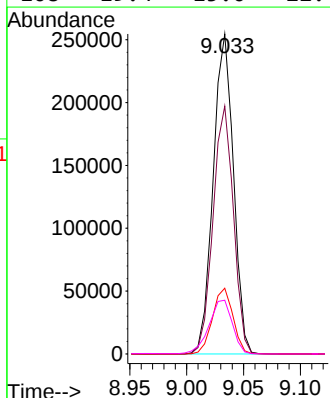
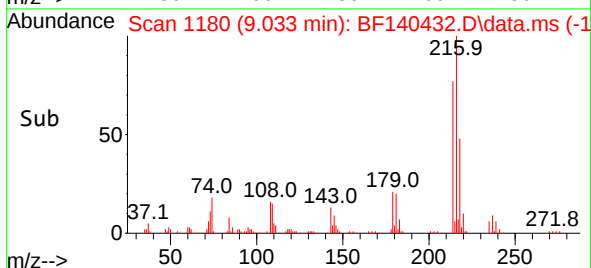
Supervised By :mohammad ahmed 11/19/2024

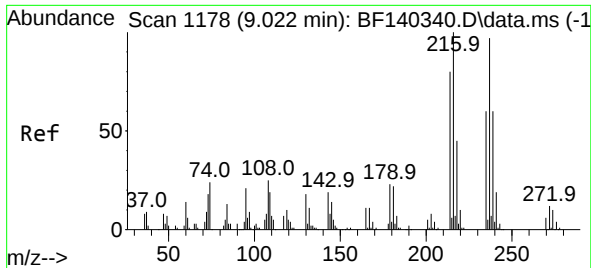


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.288 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



Tgt Ion:216 Resp: 315879
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 20.7 17.2 25.8
108 19.4 15.0 22.4





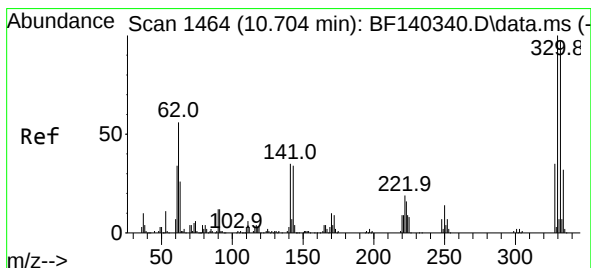
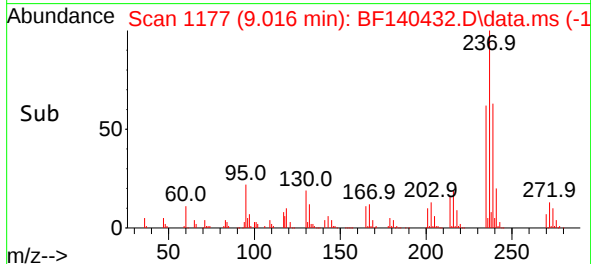
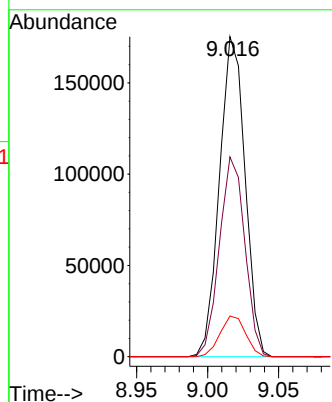
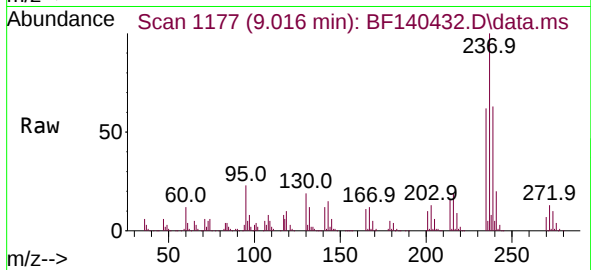
#41
Hexachlorocyclopentadiene
Concen: 122.386 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:237 Resp: 21917
Ion Ratio Lower Upper
237 100
235 62.4 42.8 82.8
272 12.7 0.0 33.1

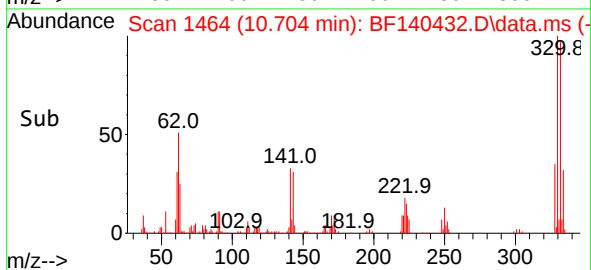
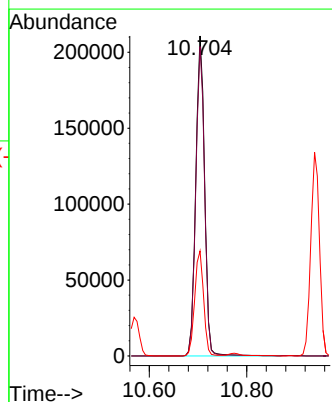
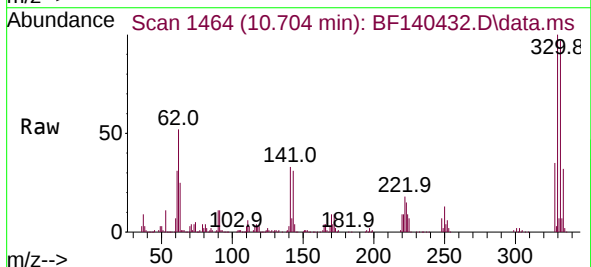
Manual Integrations
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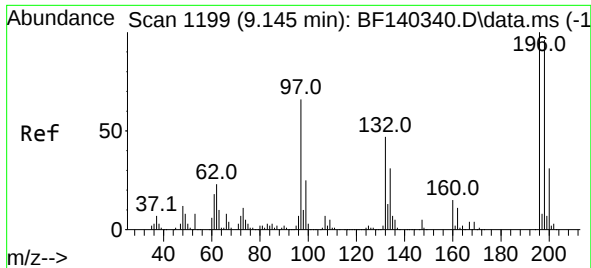
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#42
2,4,6-Tribromophenol
Concen: 106.793 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

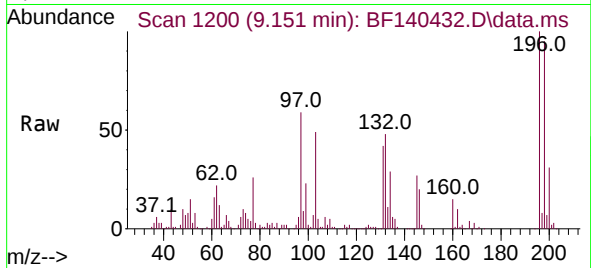
Tgt Ion:330 Resp: 267856
Ion Ratio Lower Upper
330 100
332 96.5 75.9 113.9
141 33.1 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 46.366 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

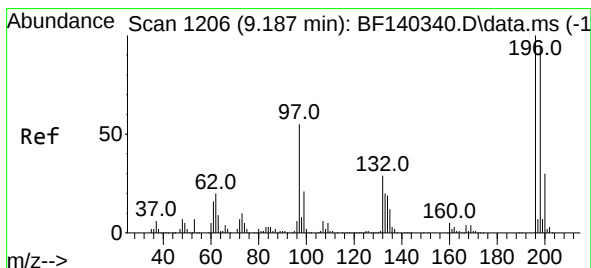
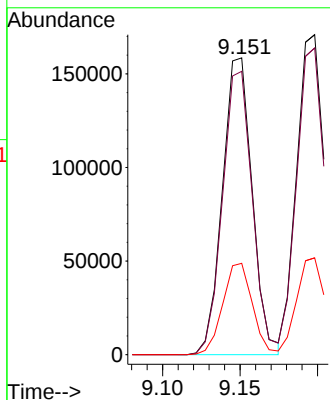
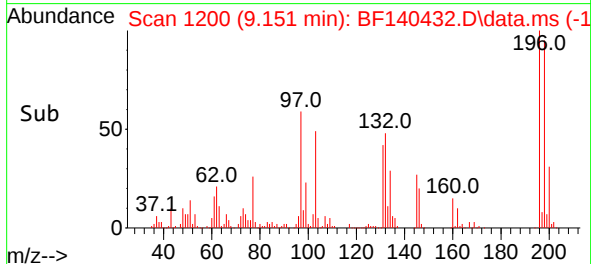
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



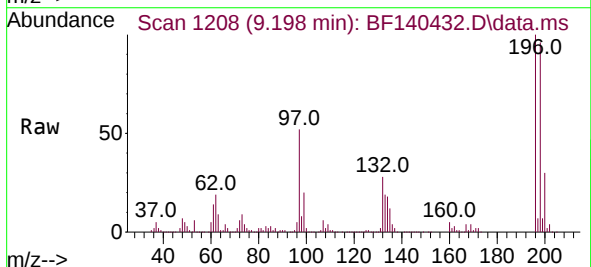
Tgt Ion:196 Resp: 212234
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
200 30.8 24.2 36.4

Manual Integrations
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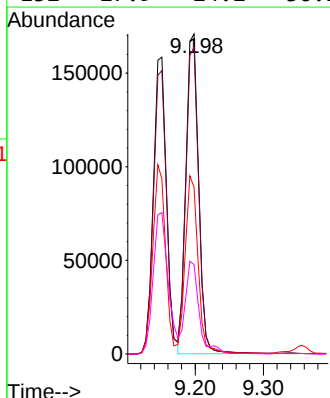
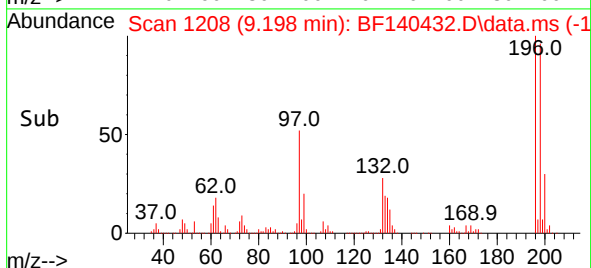
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

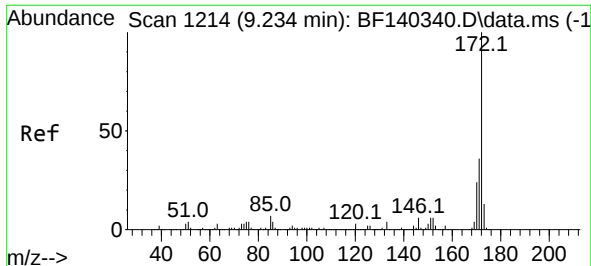


#44
2,4,5-Trichlorophenol
Concen: 44.259 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



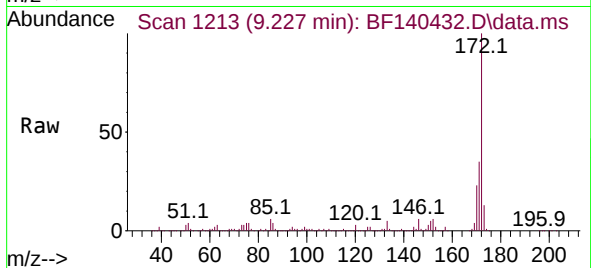
Tgt Ion:196 Resp: 221495
Ion Ratio Lower Upper
196 100
198 95.8 77.6 116.4
97 52.1 45.4 68.2
132 27.9 24.2 36.2





#45
2-Fluorobiphenyl
Concen: 70.245 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

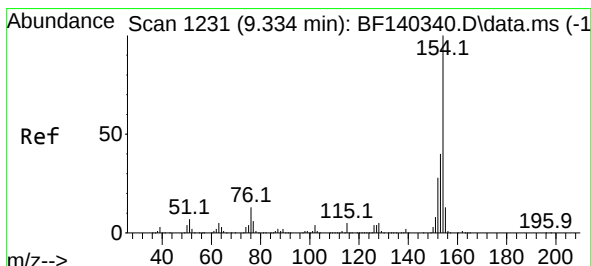
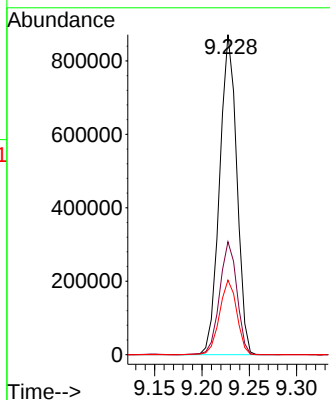
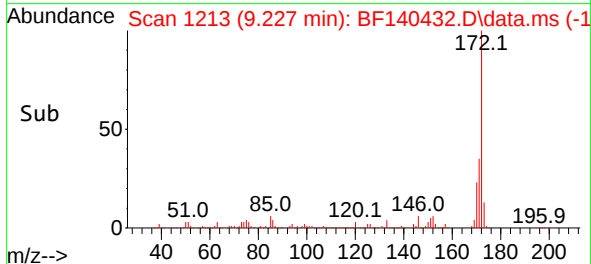
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion:172 Resp: 110215
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 19.1 28.7

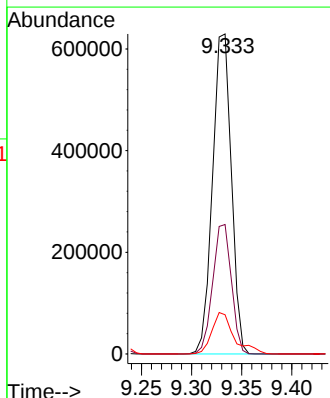
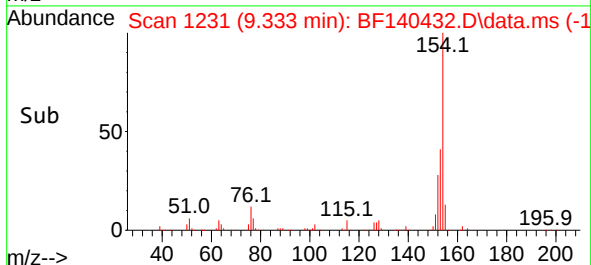
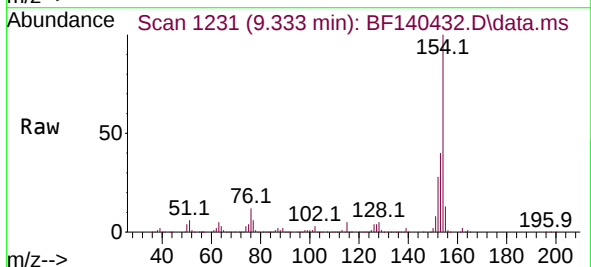
Manual Integrations
APPROVED

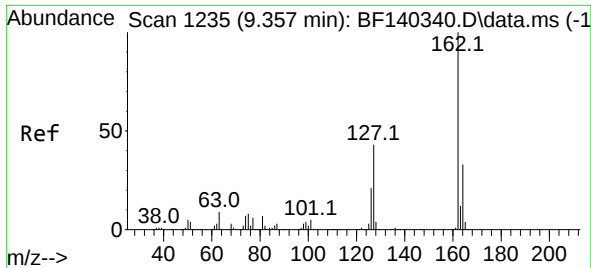
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#46
1,1'-Biphenyl
Concen: 44.591 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:154 Resp: 818224
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 44.440 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

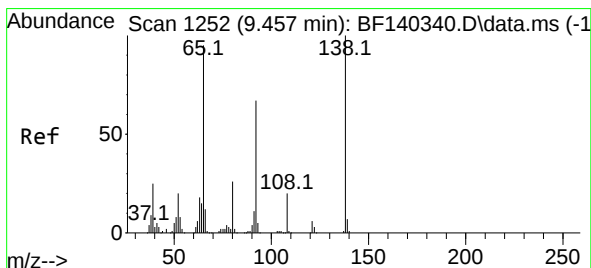
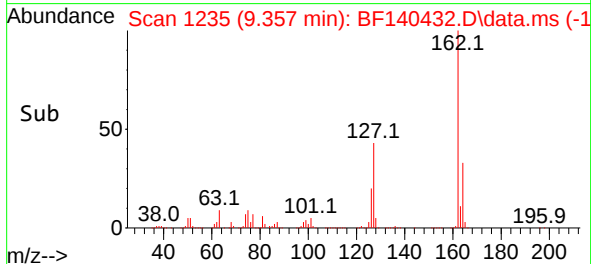
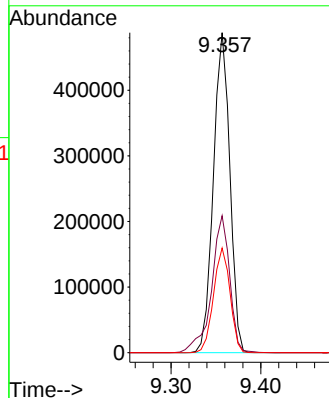
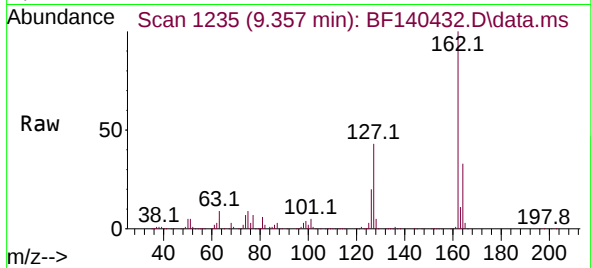
Tgt Ion:162 Resp: 62117
 Ion Ratio Lower Upper
 162 100
 127 42.8 34.0 51.0
 164 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 46.481 ng

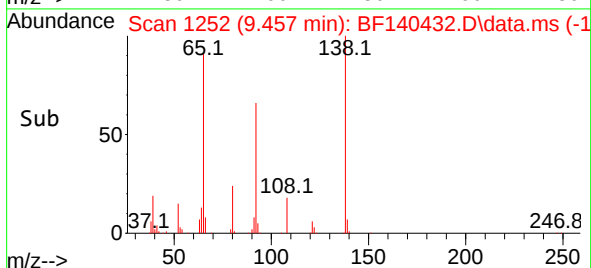
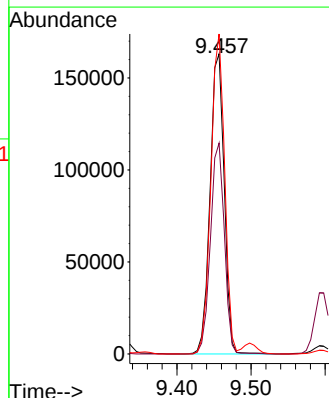
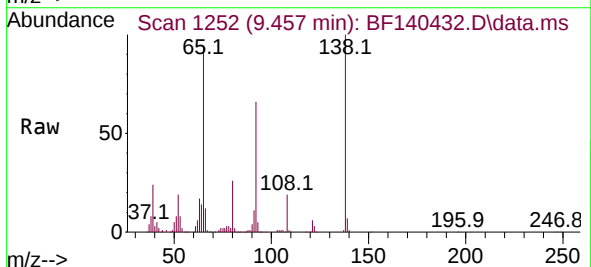
RT: 9.457 min Scan# 1252

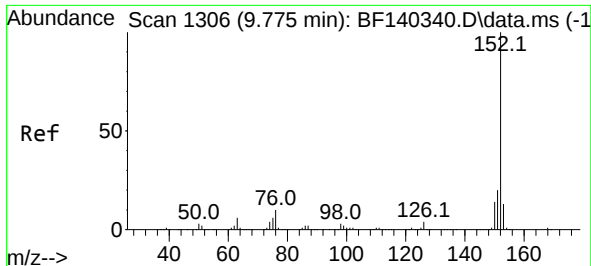
Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion: 65 Resp: 215468
 Ion Ratio Lower Upper
 65 100
 92 70.2 56.4 84.6
 138 106.6 84.8 127.2





#49
Acenaphthylene
Concen: 48.568 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

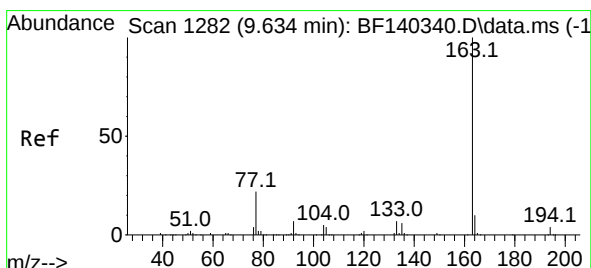
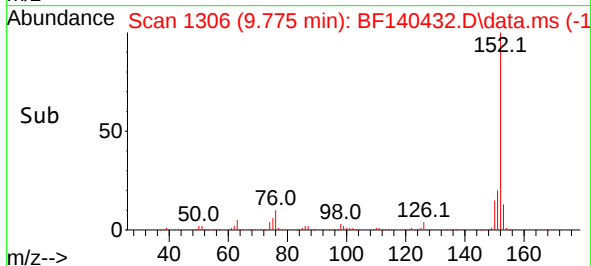
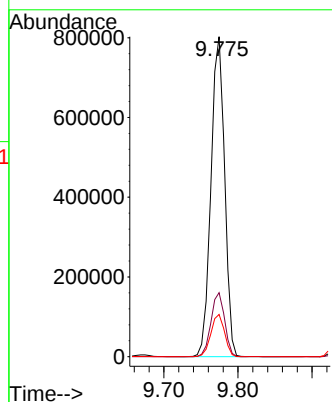
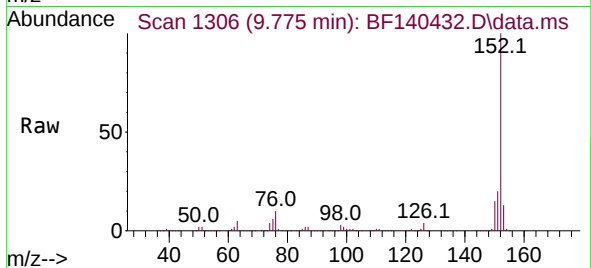
Tgt Ion:152 Resp: 102713
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.7 16.1

Manual Integrations

APPROVED

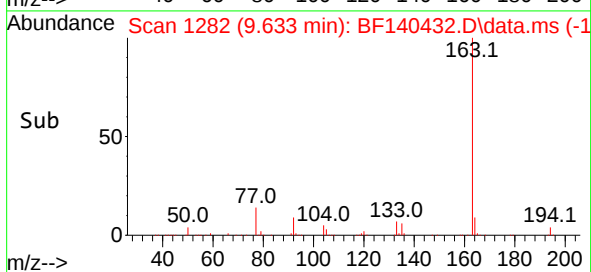
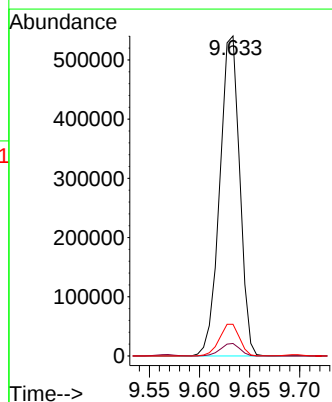
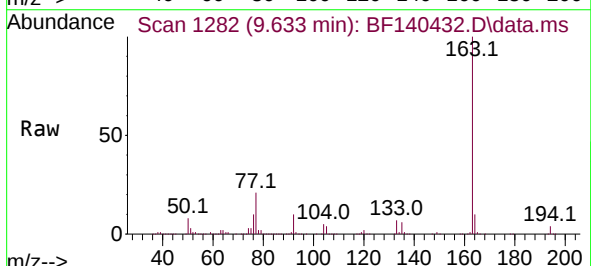
Reviewed By :Yogesh Patel 11/19/2024

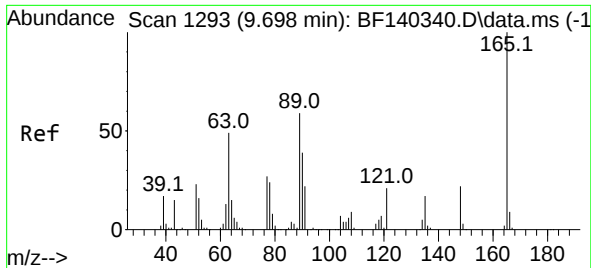
Supervised By :mohammad ahmed 11/19/2024



#50
Dimethylphthalate
Concen: 45.322 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:163 Resp: 745110
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.2 12.4





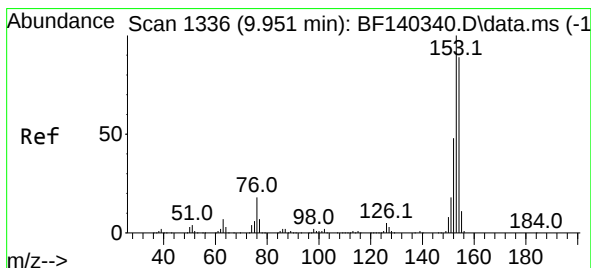
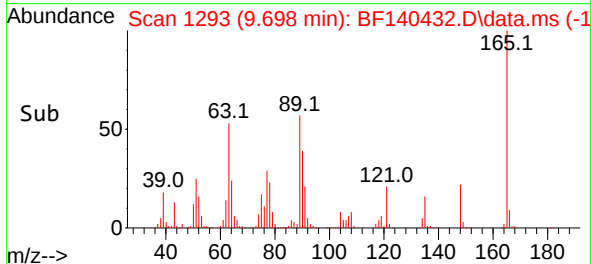
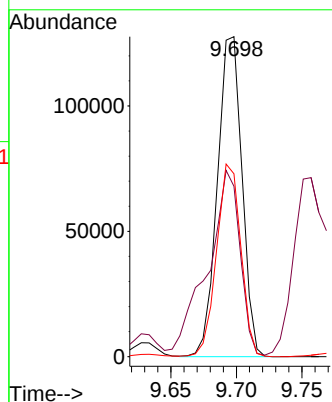
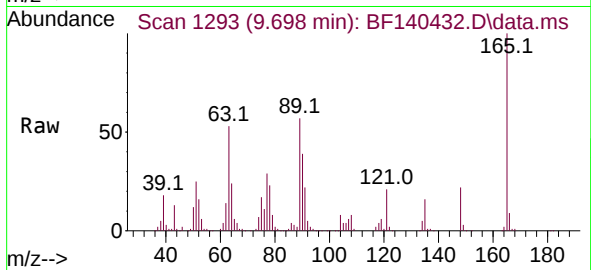
#51
2,6-Dinitrotoluene
Concen: 44.476 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:165 Resp: 166698
Ion Ratio Lower Upper
165 100
63 53.2 47.6 71.4
89 57.1 48.1 72.1

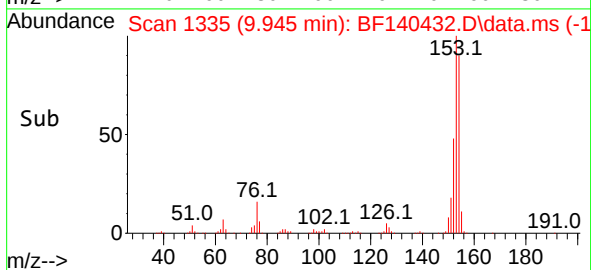
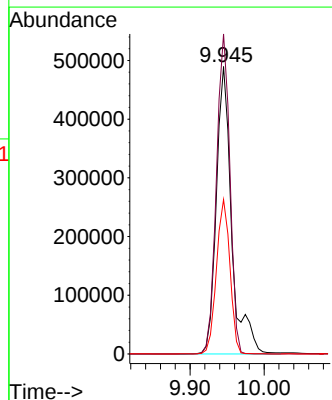
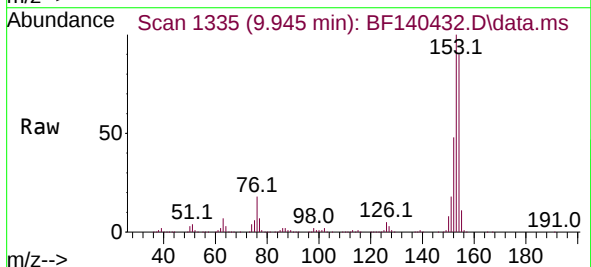
Manual Integrations
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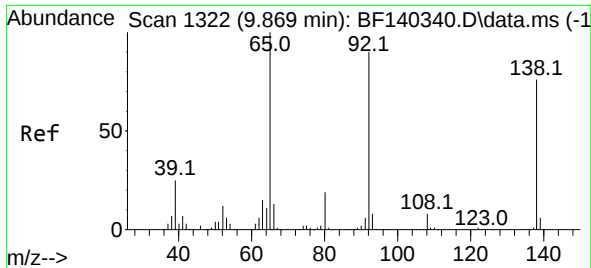
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#52
Acenaphthene
Concen: 49.325 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:154 Resp: 704565
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.8
152 53.8 42.6 64.0





#53
3-Nitroaniline
Concen: 29.498 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

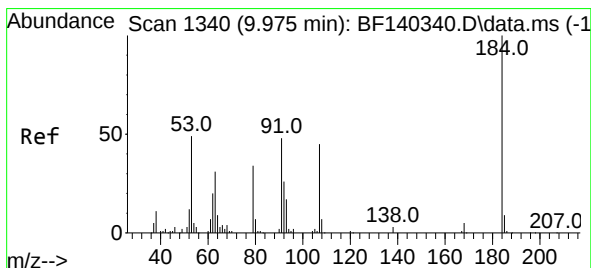
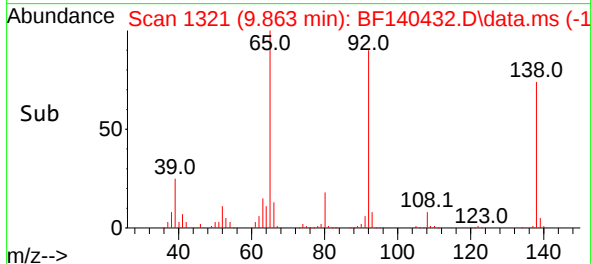
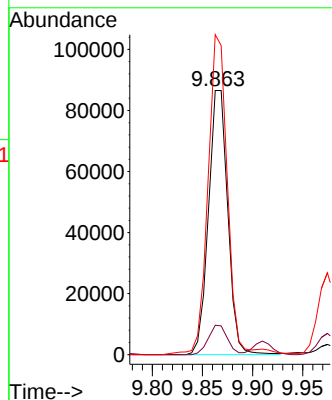
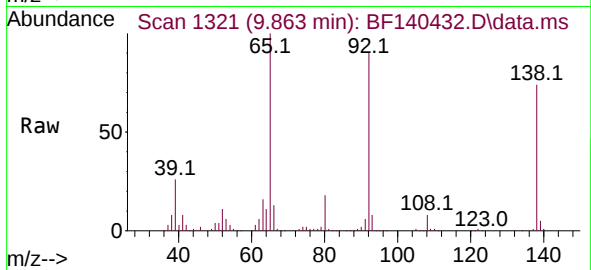
ClientSampleId :

BP-F-24MS

Tgt Ion:138 Resp: 116107
Ion Ratio Lower Upper
138 100
108 11.1 8.4 12.6
92 121.1 95.5 143.3

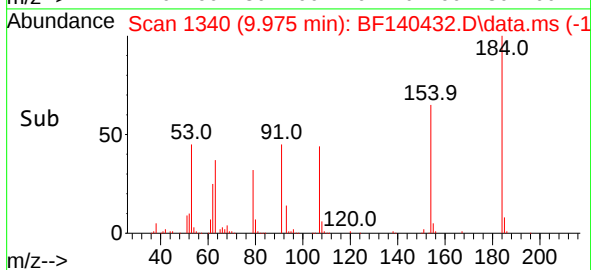
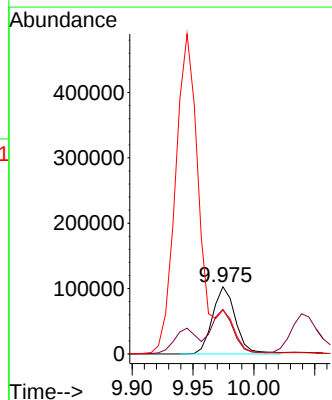
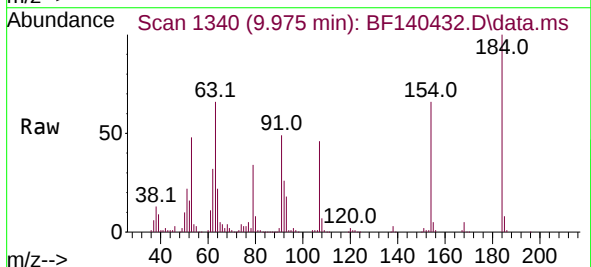
Manual Integrations
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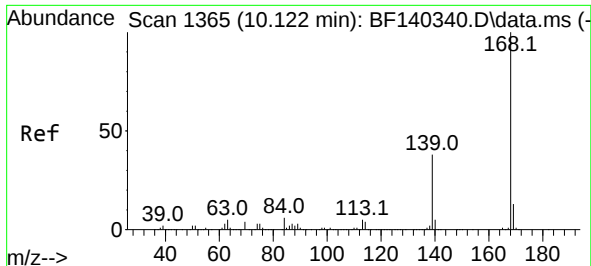
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#54
2,4-Dinitrophenol
Concen: 69.917 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:184 Resp: 135133
Ion Ratio Lower Upper
184 100
63 66.3 53.5 80.3
154 65.6 51.3 76.9





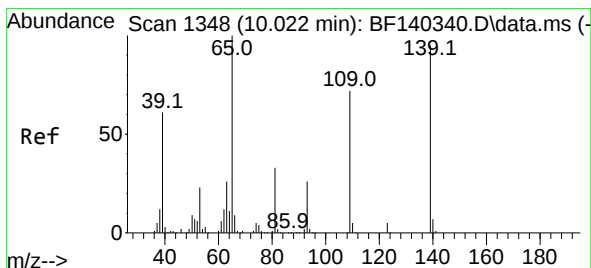
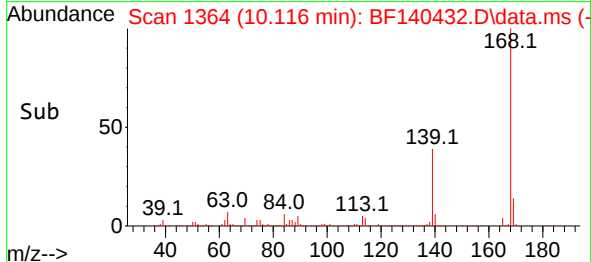
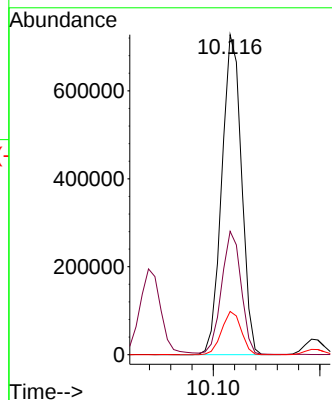
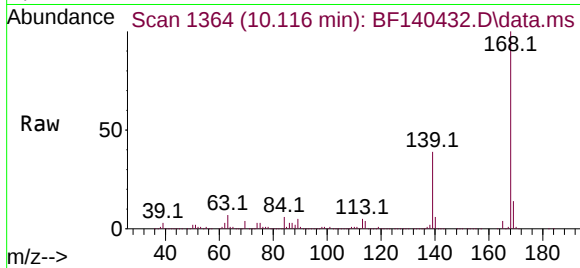
#55
Dibenzenofuran
Concen: 46.094 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:168 Resp: 93206
Ion Ratio Lower Upper
168 100
139 38.5 30.8 46.2
169 13.5 10.8 16.2

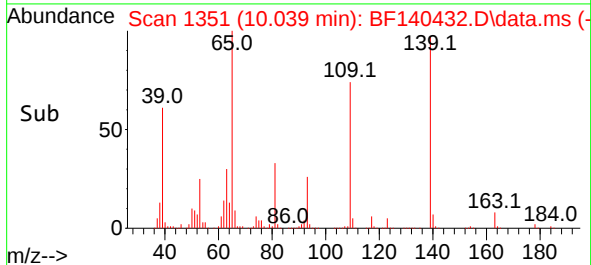
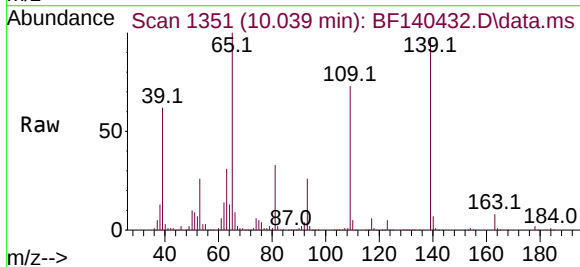
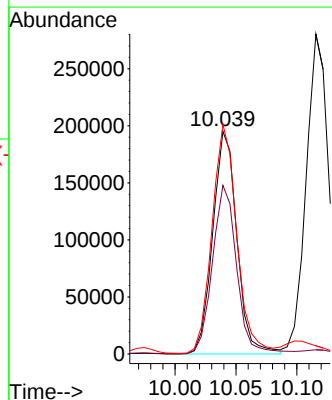
Manual Integrations
APPROVED

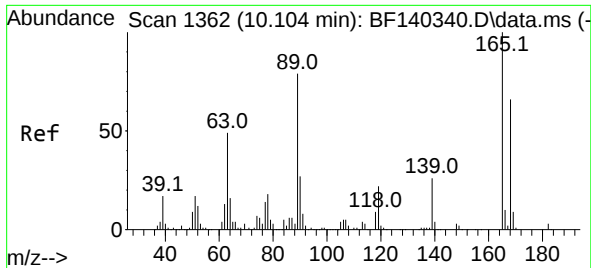
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#56
4-Nitrophenol
Concen: 93.768 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:139 Resp: 269211
Ion Ratio Lower Upper
139 100
109 75.8 54.5 94.5
65 103.1 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 46.395 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

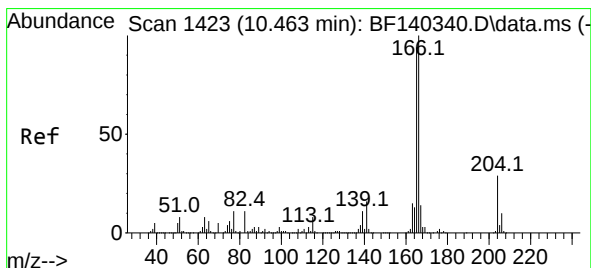
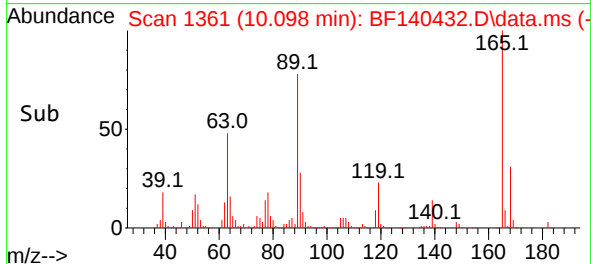
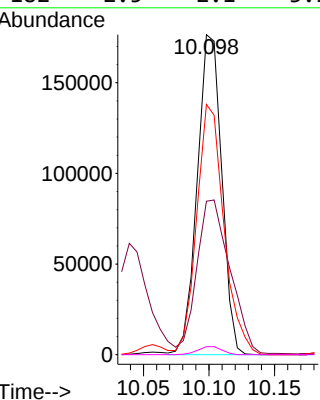
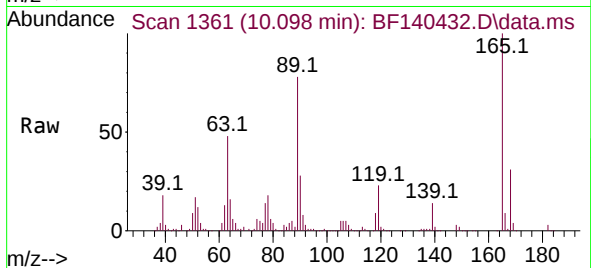
BP-F-24MS

Tgt Ion:165 Resp: 228850
Ion Ratio Lower Upper
165 100
63 47.9 39.4 59.0
89 78.2 62.4 93.6
182 2.5 2.1 3.1

Manual Integrations

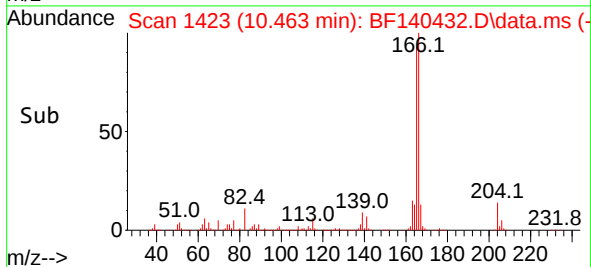
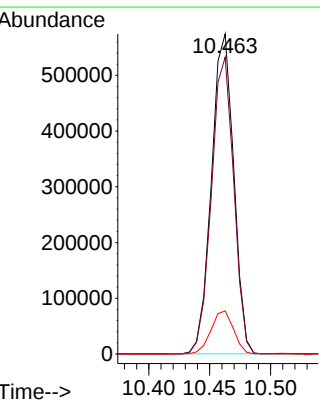
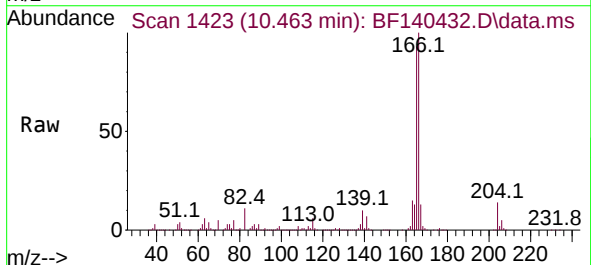
APPROVED

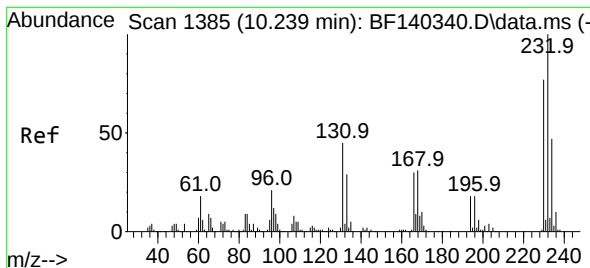
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#58
Fluorene
Concen: 45.654 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

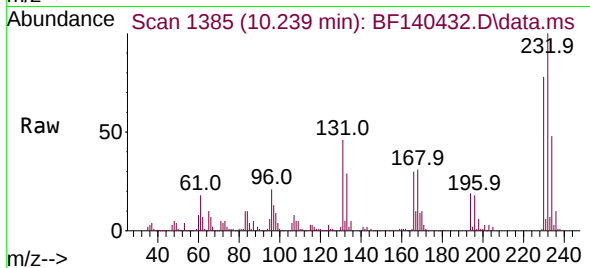
Tgt Ion:166 Resp: 729282
Ion Ratio Lower Upper
166 100
165 92.7 73.9 110.9
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.018 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

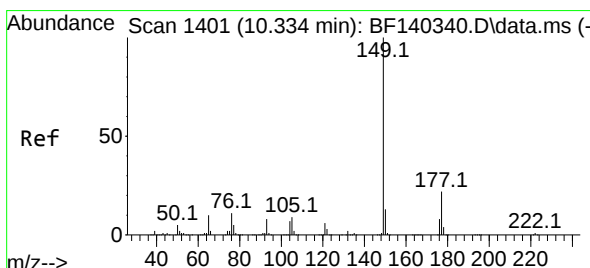
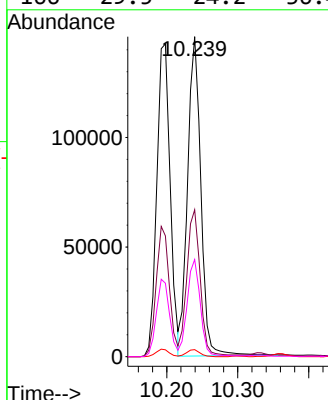
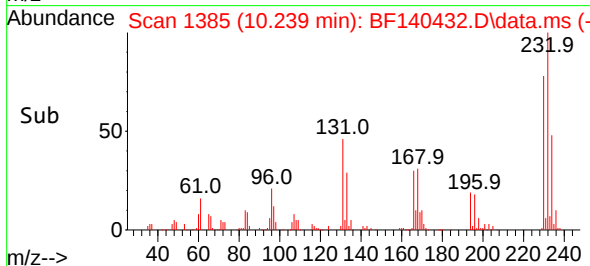
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion:232 Resp: 18974
Ion Ratio Lower Upper
232 100
131 45.0 36.8 55.2
130 2.3 1.9 2.9
166 29.5 24.2 36.4

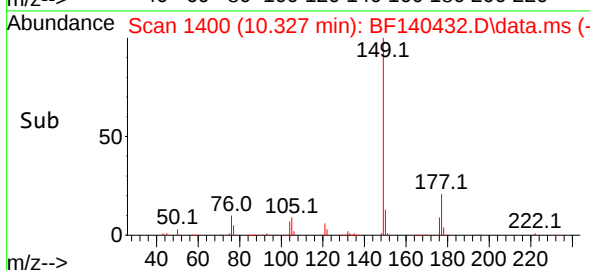
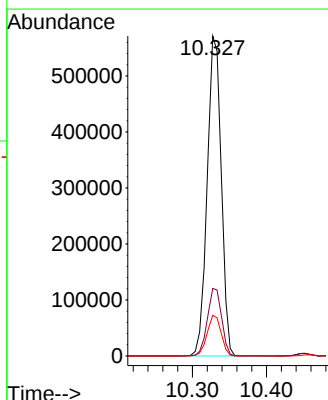
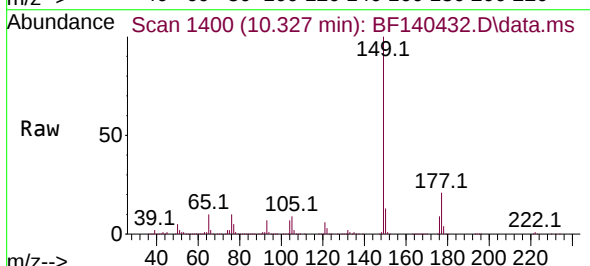
Manual Integrations
APPROVED

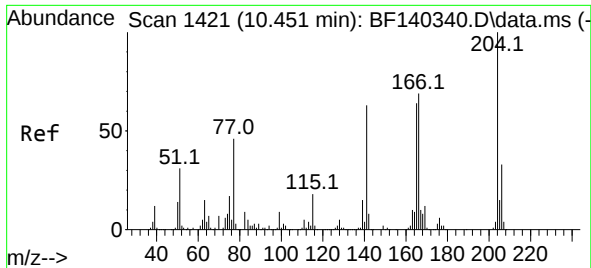
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#60
Diethylphthalate
Concen: 44.729 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

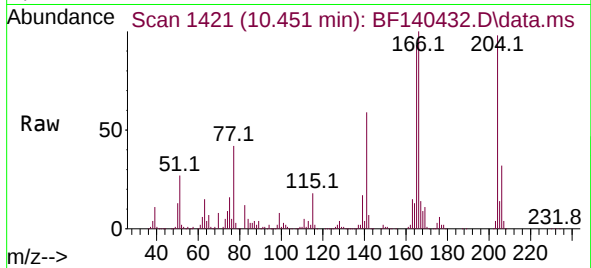
Tgt Ion:149 Resp: 751940
Ion Ratio Lower Upper
149 100
177 21.1 17.5 26.3
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.137 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

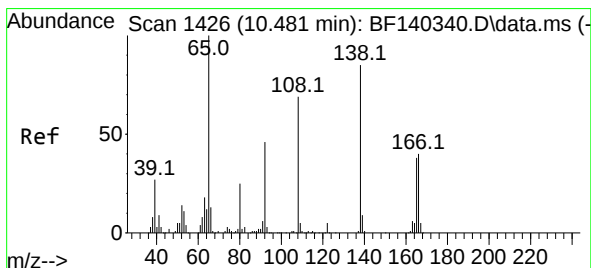
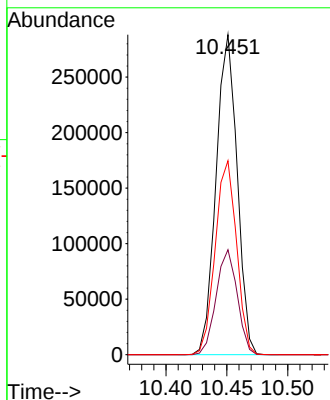
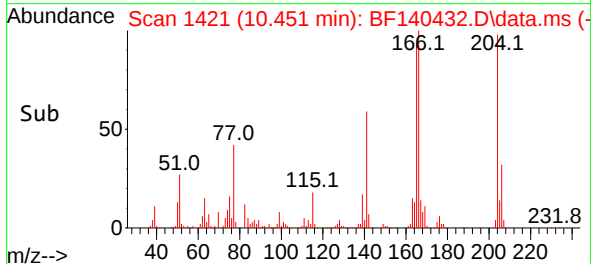
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion:204 Resp: 34808
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 60.6 49.8 74.8

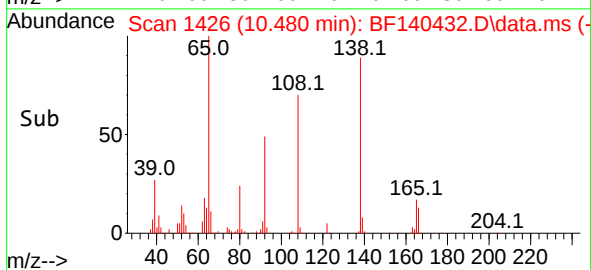
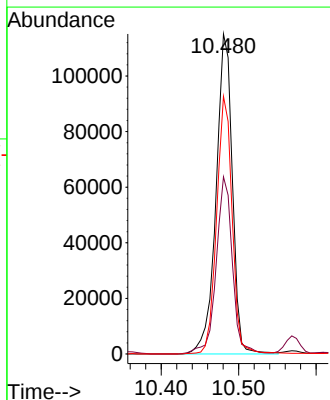
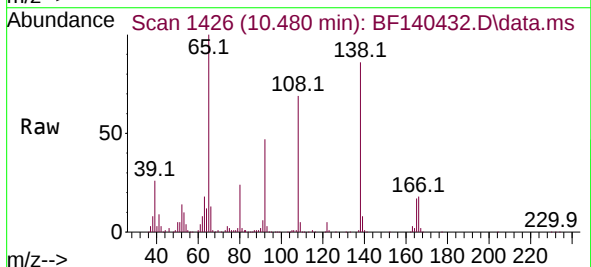
Manual Integrations
APPROVED

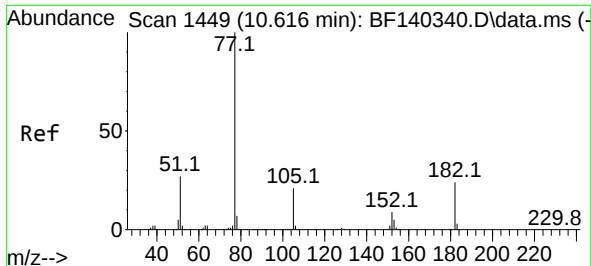
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#62
4-Nitroaniline
Concen: 41.878 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

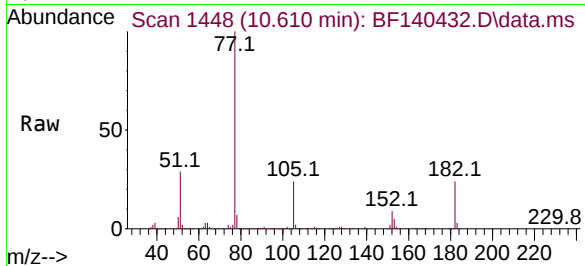
Tgt Ion:138 Resp: 168543
Ion Ratio Lower Upper
138 100
92 55.4 33.8 73.8
108 80.5 59.9 99.9





#63
Azobenzene
Concen: 52.993 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

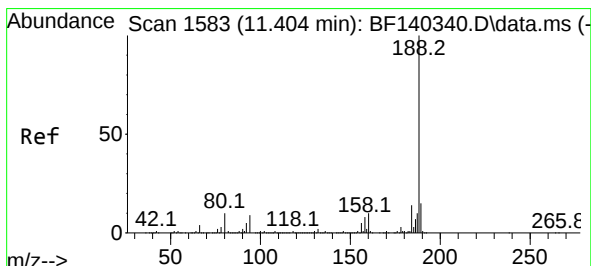
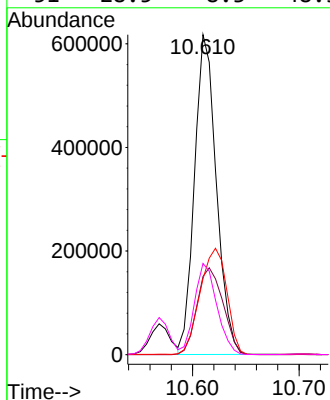
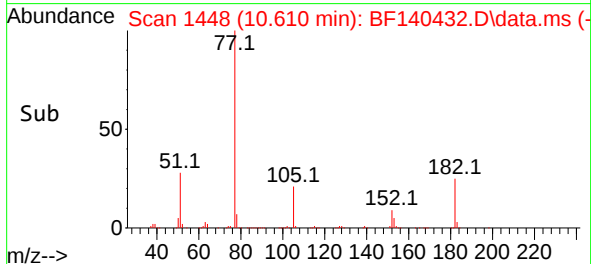
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



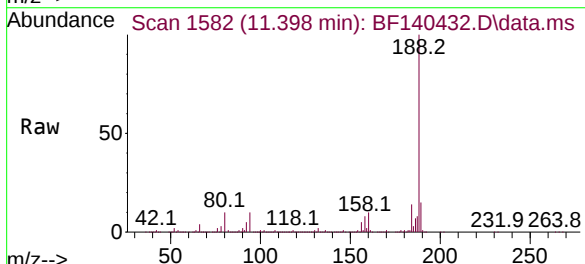
Tgt Ion: 77 Resp: 880227
Ion Ratio Lower Upper
77 100
182 24.4 4.6 44.6
105 23.7 0.9 40.9
51 28.5 8.3 48.3

Manual Integrations
APPROVED

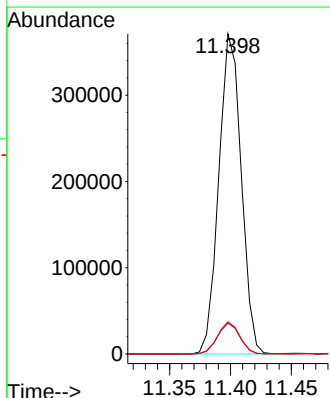
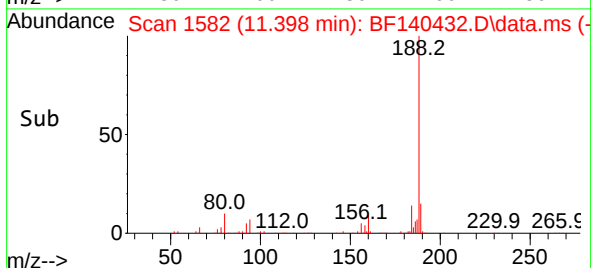
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

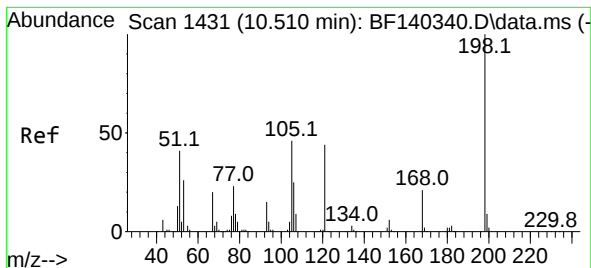


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



Tgt Ion:188 Resp: 475583
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.1 8.0 12.0





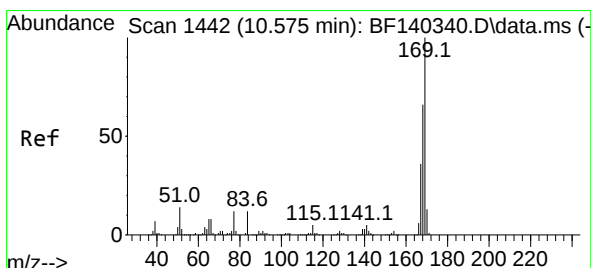
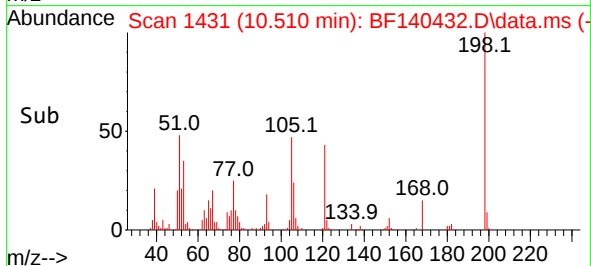
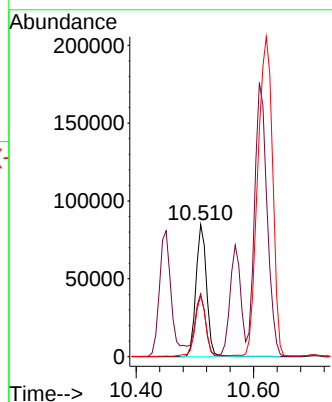
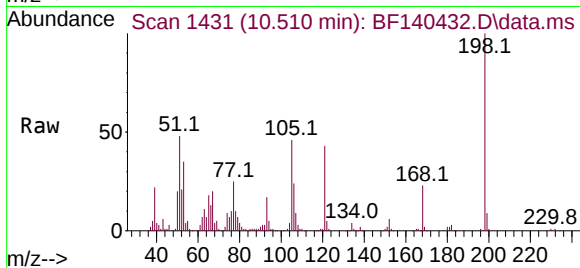
#65
4,6-Dinitro-2-methylphenol
Concen: 41.546 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:198 Resp: 106309
Ion Ratio Lower Upper
198 100
51 47.6 29.7 69.7
105 46.1 26.3 66.3

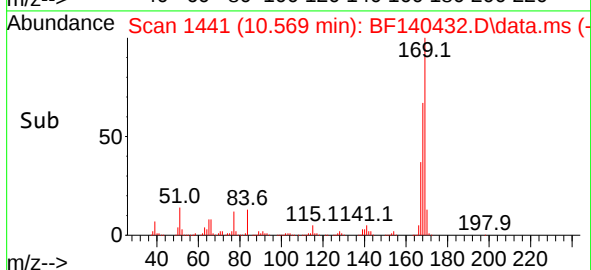
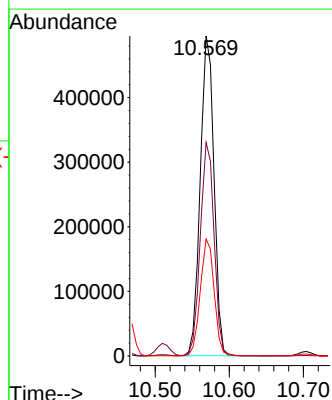
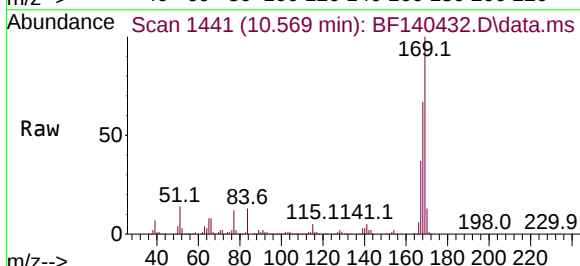
Manual Integrations
APPROVED

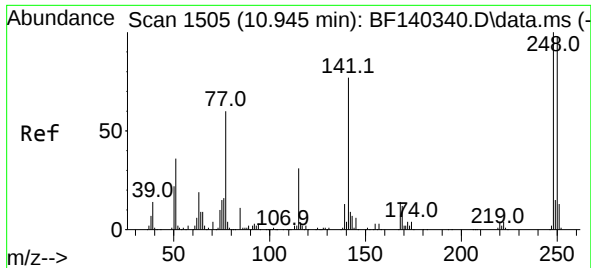
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 46.293 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

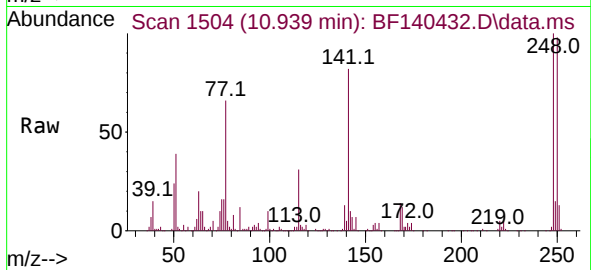
Tgt Ion:169 Resp: 636123
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 36.6 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 44.635 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

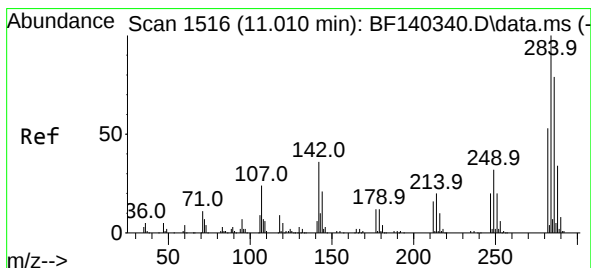
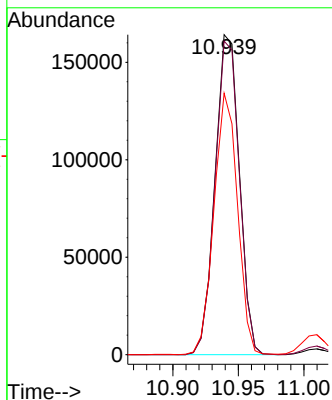
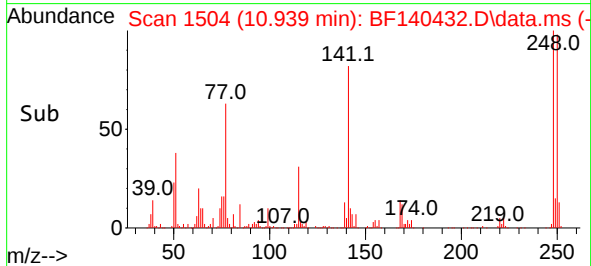
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



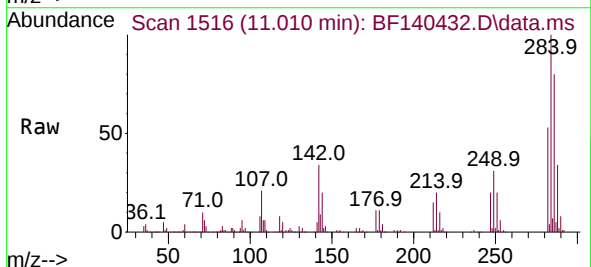
Tgt Ion:248 Resp: 21219
Ion Ratio Lower Upper
248 100
250 98.0 77.9 116.9
141 81.7 61.8 92.6

Manual Integrations
APPROVED

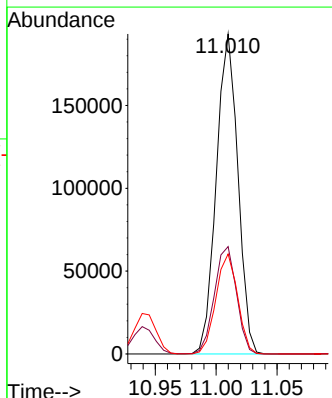
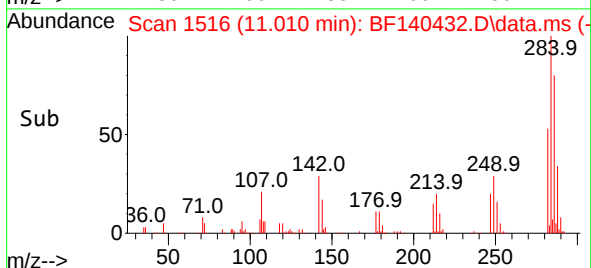
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 44.509 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



Tgt Ion:284 Resp: 238073
Ion Ratio Lower Upper
284 100
142 33.5 28.1 42.1
249 31.3 24.9 37.3





#69

Atrazine

Concen: 50.955 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

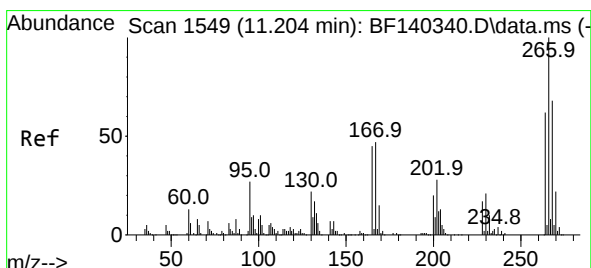
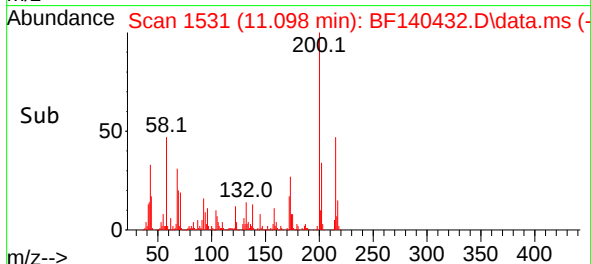
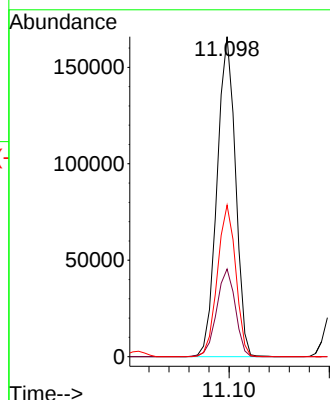
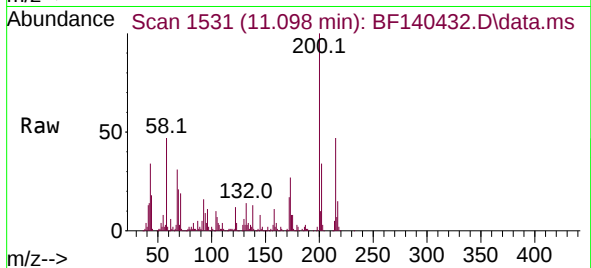
Tgt Ion:200	Resp: 21183
Ion Ratio	Lower Upper
200 100	
173 27.4	6.6 46.6
215 47.4	27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 83.871 ng

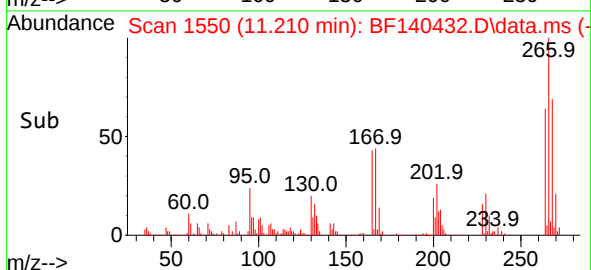
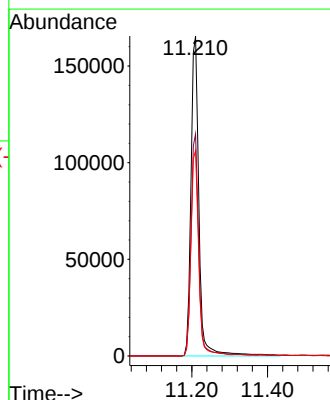
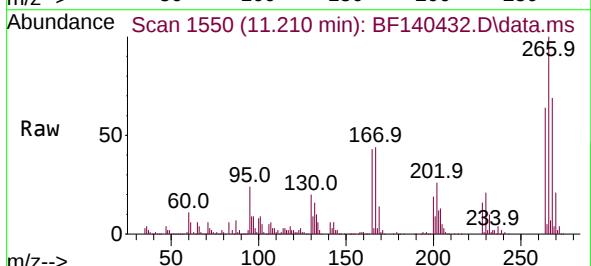
RT: 11.210 min Scan# 1550

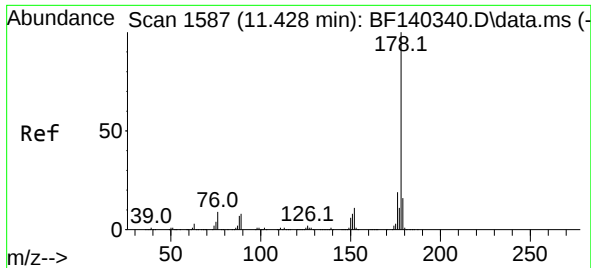
Delta R.T. 0.006 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:266	Resp: 241657
Ion Ratio	Lower Upper
266 100	
268 69.3	52.9 79.3
264 64.2	50.3 75.5





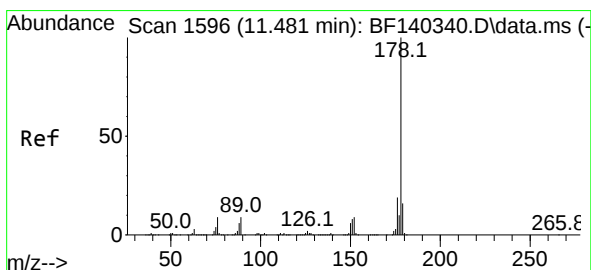
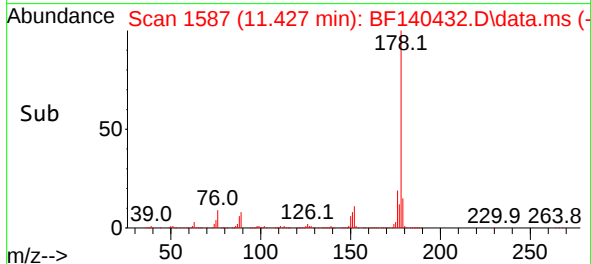
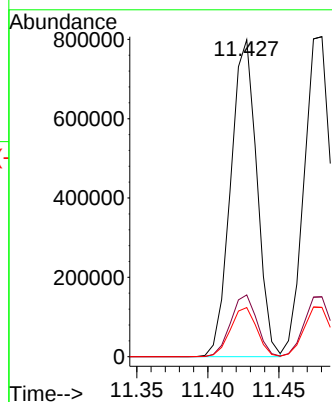
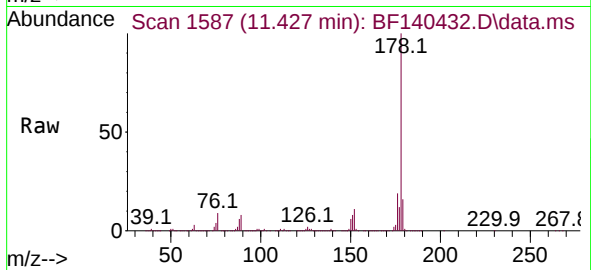
#71
Phenanthrene
Concen: 45.862 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:178 Resp: 102458
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.4 18.6

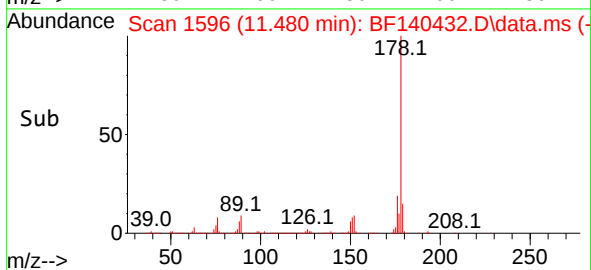
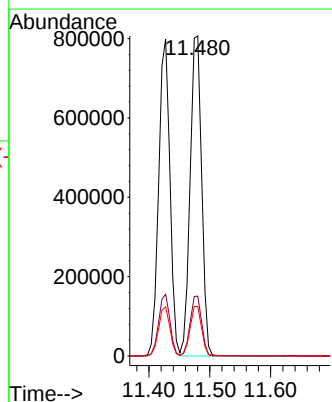
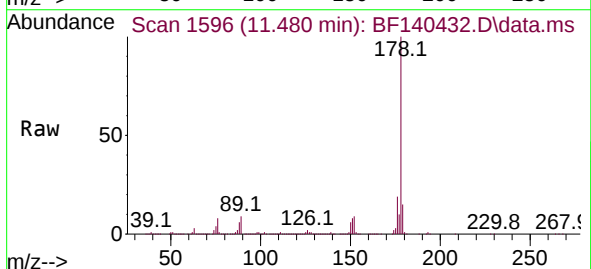
Manual Integrations
APPROVED

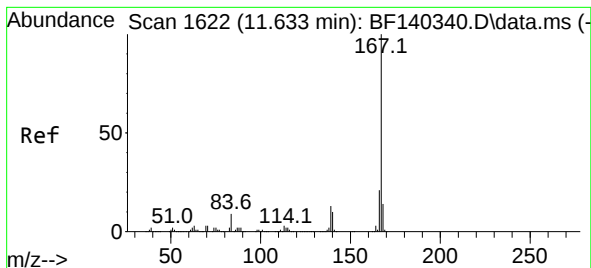
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 48.456 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:178 Resp: 1060953
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.6 18.8





#73

Carbazole

Concen: 44.363 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

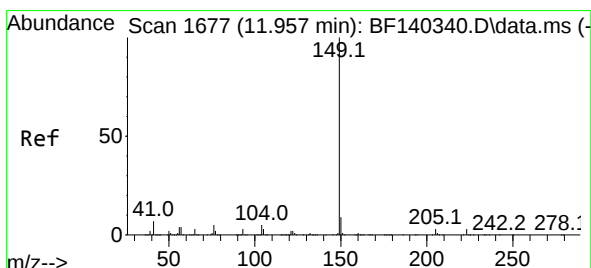
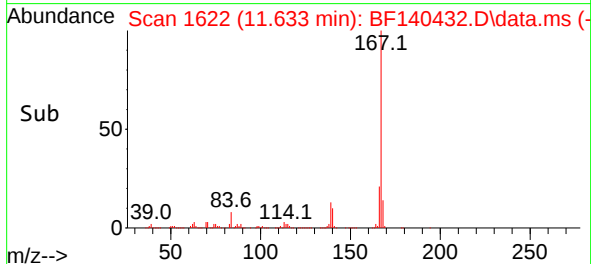
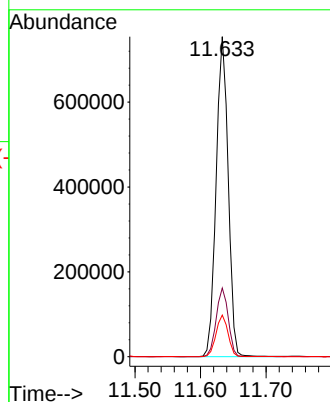
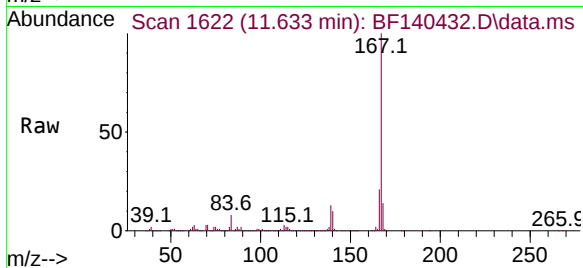
Tgt Ion:167	Resp: 959108
Ion Ratio	Lower Upper
167 100	
166 21.5	17.2 25.8
139 13.0	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#74

Di-n-butylphthalate

Concen: 44.232 ng

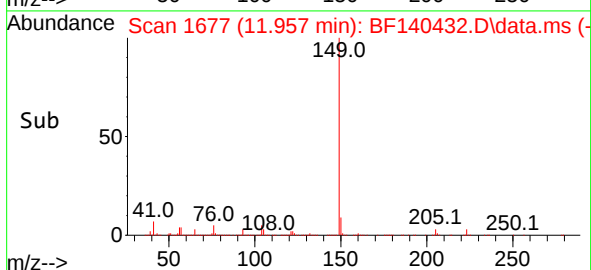
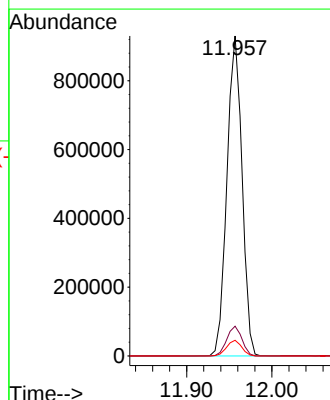
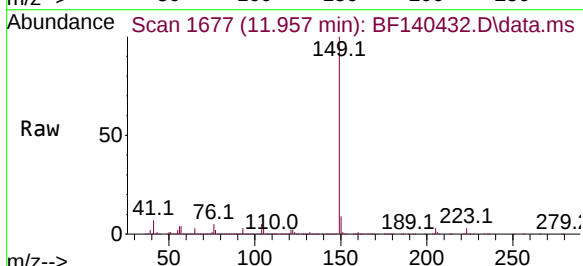
RT: 11.957 min Scan# 1677

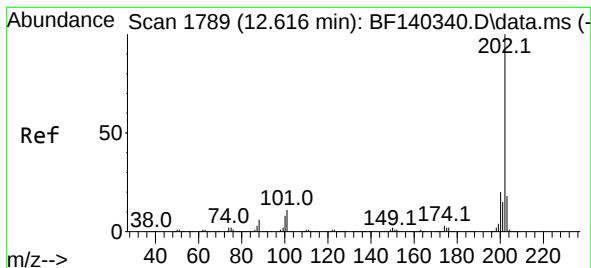
Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:149	Resp: 1147737
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.2
104 4.9	4.0 6.0





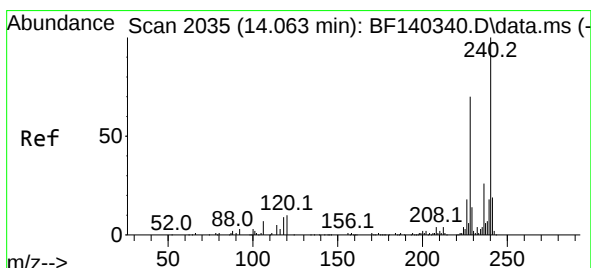
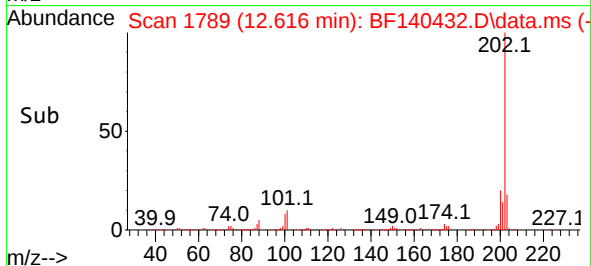
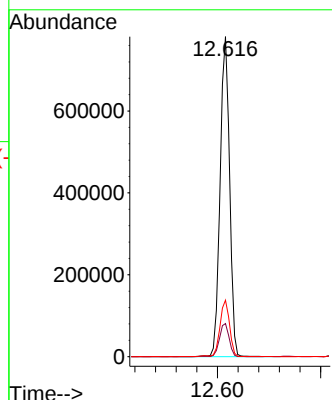
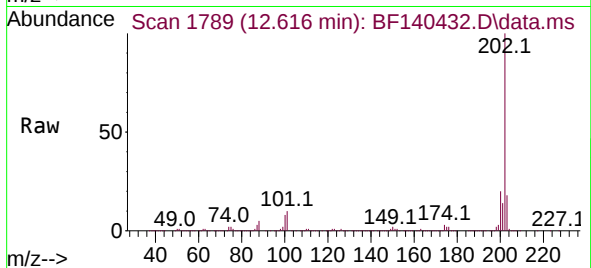
#75
Fluoranthene
Concen: 39.590 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :
BNA_F
ClientSampleId :
BP-F-24MS

Tgt Ion:202 Resp: 99230
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.6 0.0 37.7

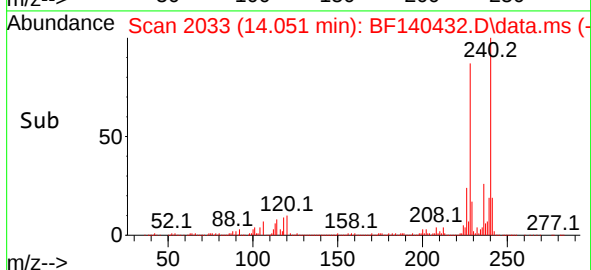
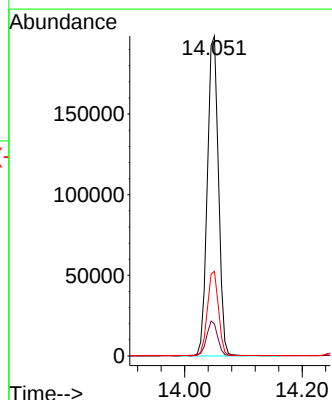
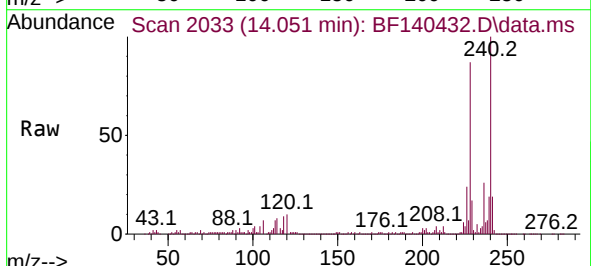
Manual Integrations
APPROVED

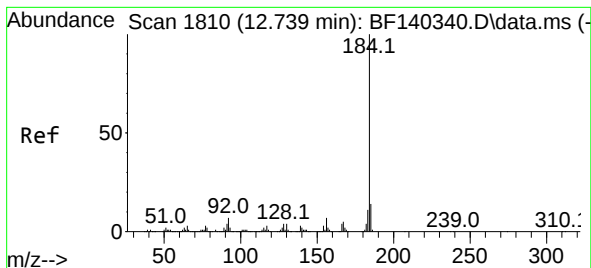
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:240 Resp: 261264
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 25.463 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

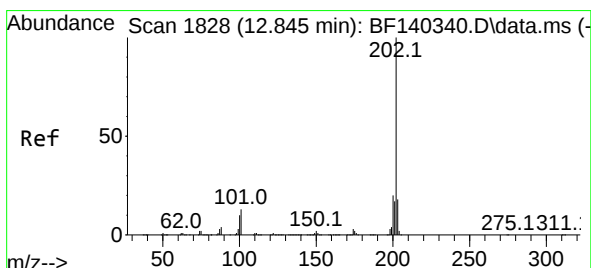
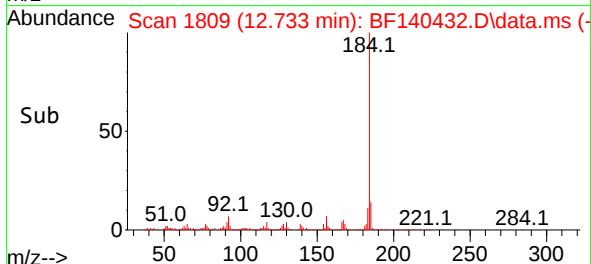
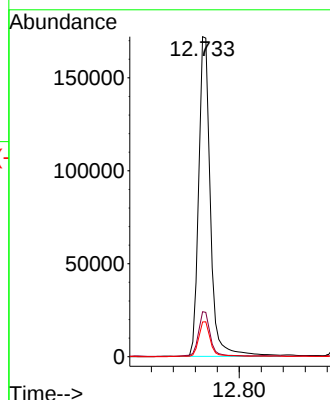
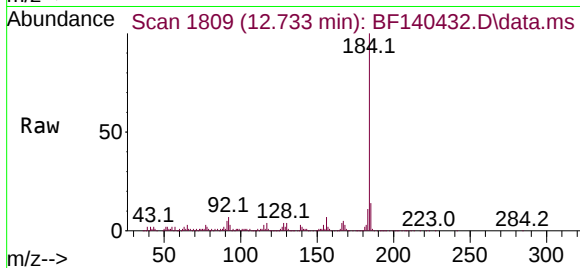
Tgt Ion:184 Resp: 255334
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.9 17.9
 183 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#78

Pyrene

Concen: 44.314 ng

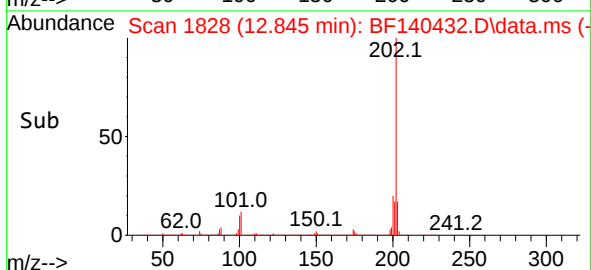
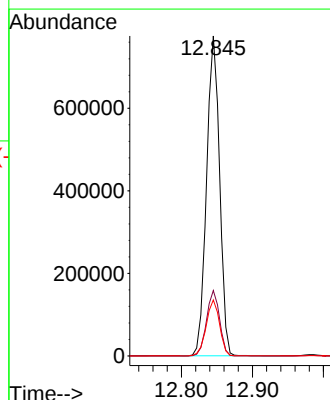
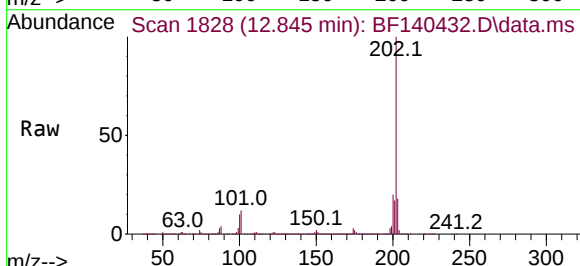
RT: 12.845 min Scan# 1828

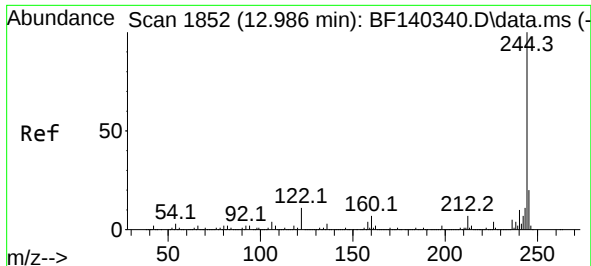
Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:202 Resp: 990327
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.2 24.2
 203 17.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 70.470 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140432.D
 Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

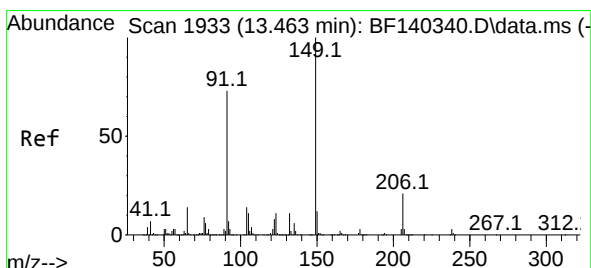
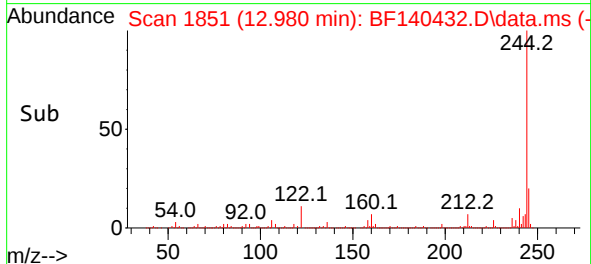
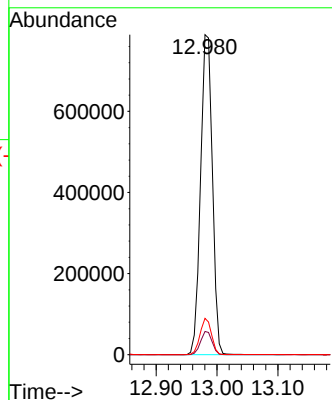
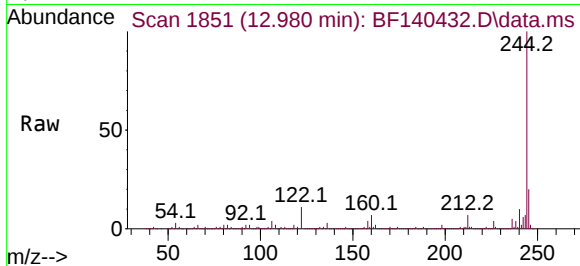
Tgt Ion:244 Resp: 1060690
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.4 8.8 13.2

Manual Integrations

APPROVED

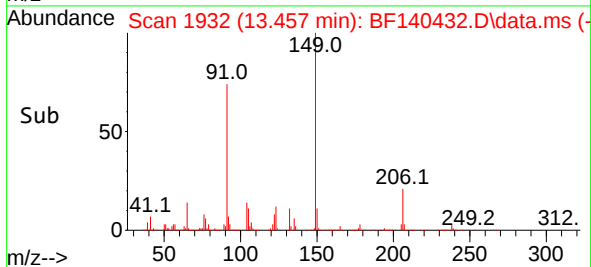
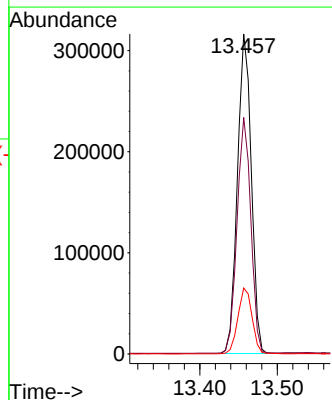
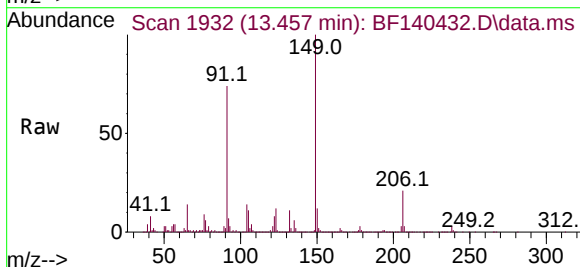
Reviewed By :Yogesh Patel 11/19/2024

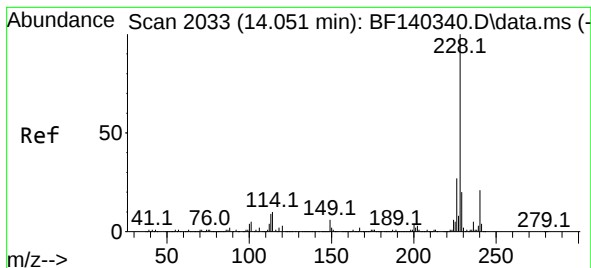
Supervised By :mohammad ahmed 11/19/2024



#80
 Butylbenzylphthalate
 Concen: 45.913 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF140432.D
 Acq: 16 Nov 2024 16:16

Tgt Ion:149 Resp: 394161
 Ion Ratio Lower Upper
 149 100
 91 73.9 61.0 91.4
 206 20.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 46.441 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

Tgt Ion:228 Resp: 797440

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.4

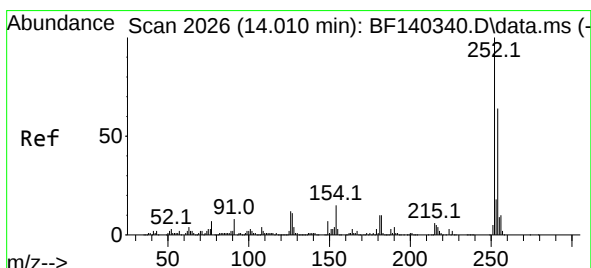
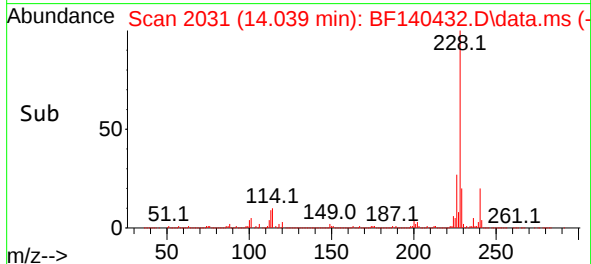
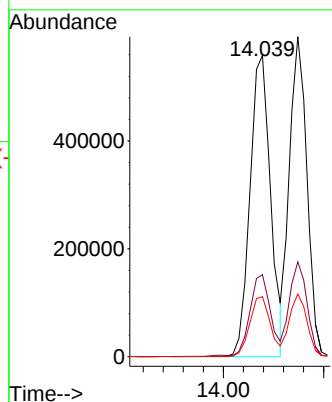
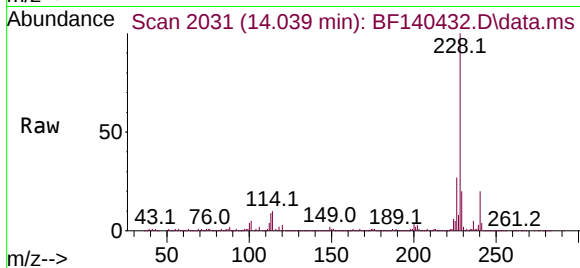
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#82

3,3'-Dichlorobenzidine

Concen: 35.452 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

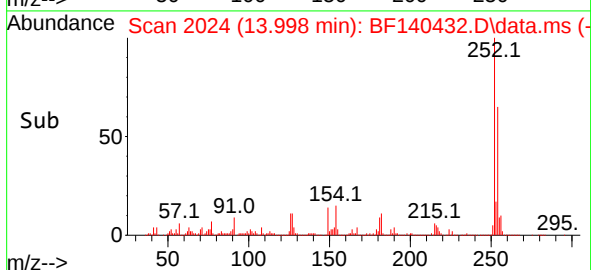
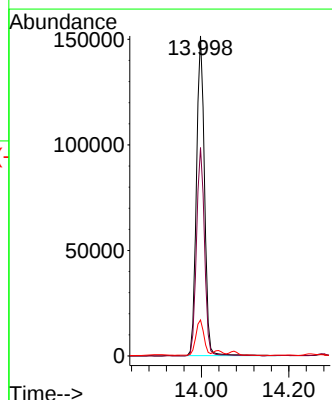
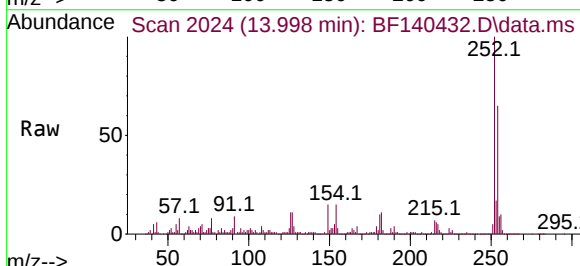
Tgt Ion:252 Resp: 193490

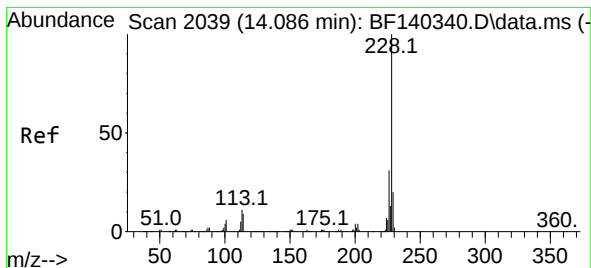
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.2

126 11.3 9.4 14.0





#83

Chrysene

Concen: 46.344 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

Tgt Ion:228 Resp: 72607

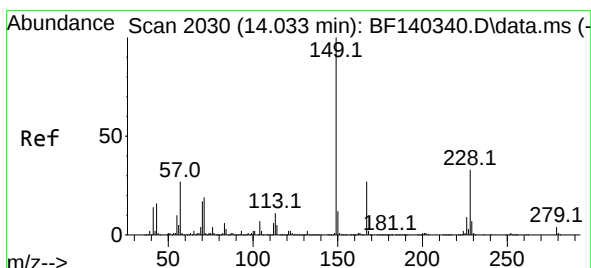
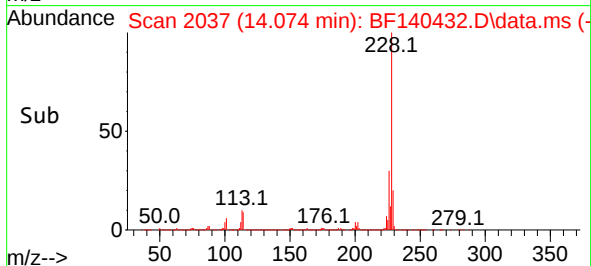
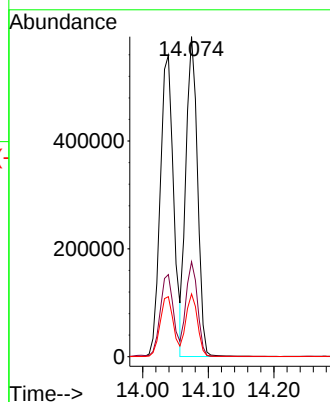
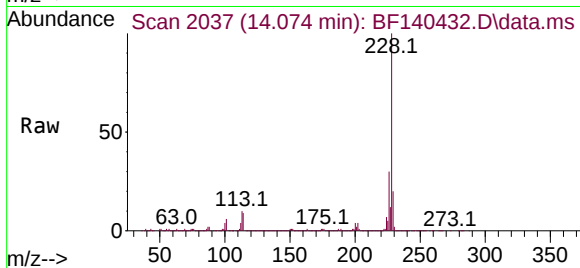
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.869 ng

RT: 14.015 min Scan# 2027

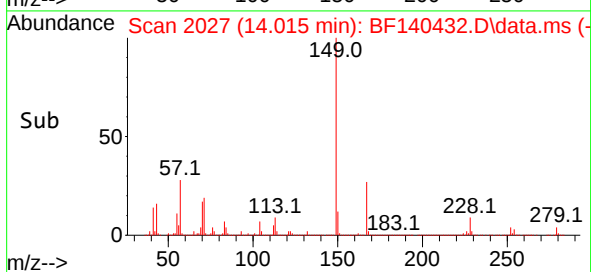
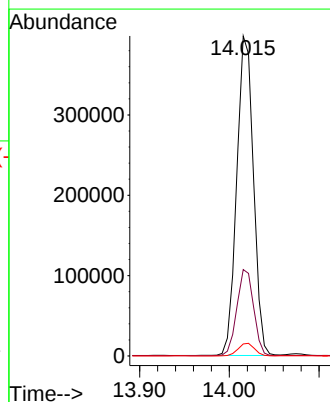
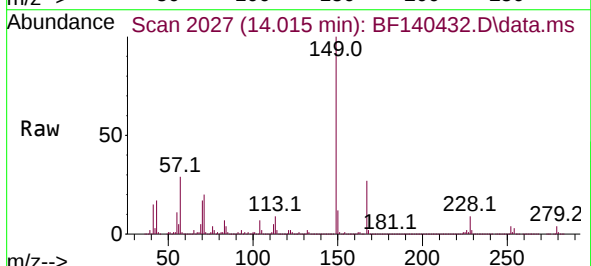
Delta R.T. -0.006 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:149 Resp: 514146

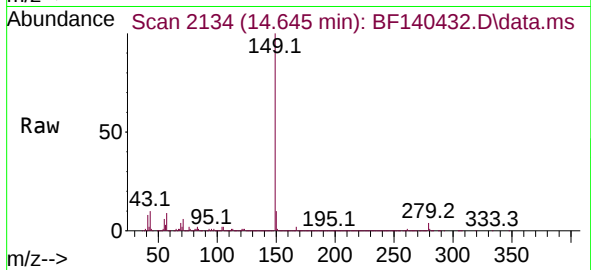
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.7	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 50.335 ng
RT: 14.645 min Scan# 2140
Delta R.T. -0.018 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

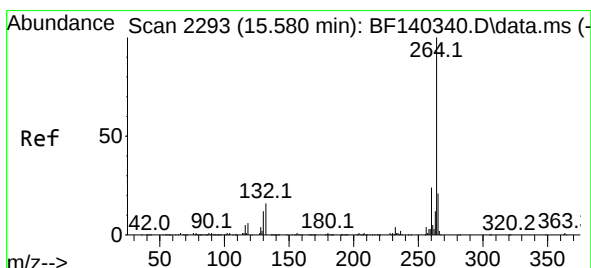
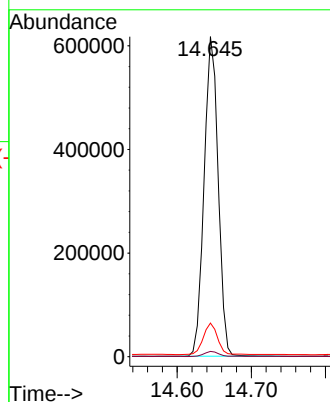
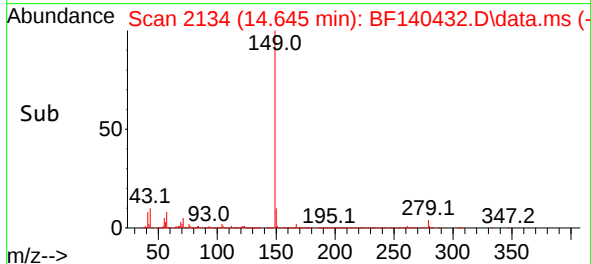
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



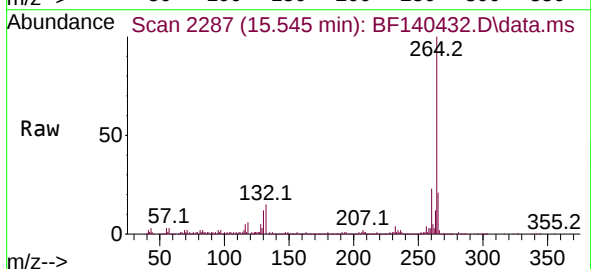
Tgt Ion:149 Resp: 81233
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.0 8.0 12.0

Manual Integrations
APPROVED

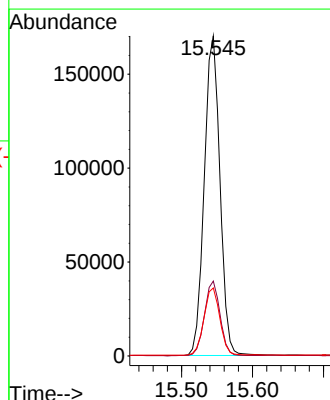
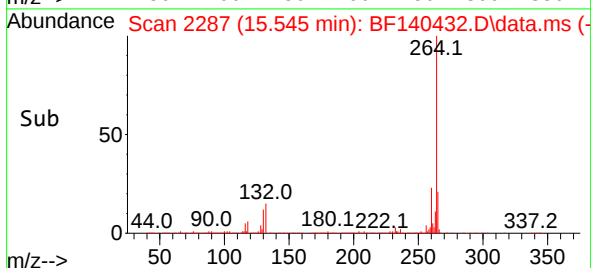
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

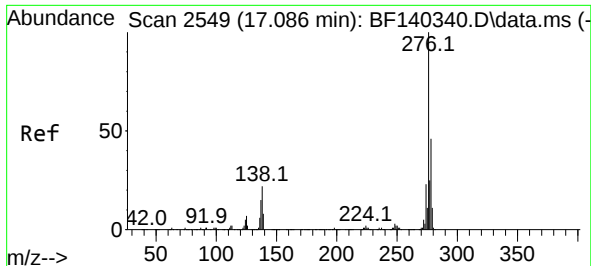


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16



Tgt Ion:264 Resp: 262017
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.3 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.133 ng
RT: 17.051 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

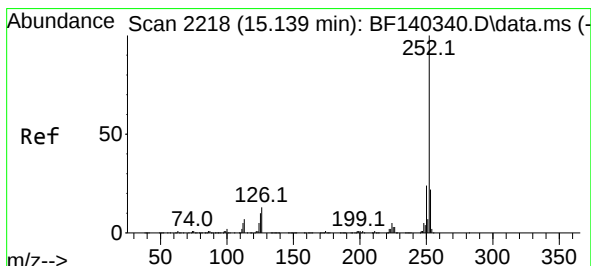
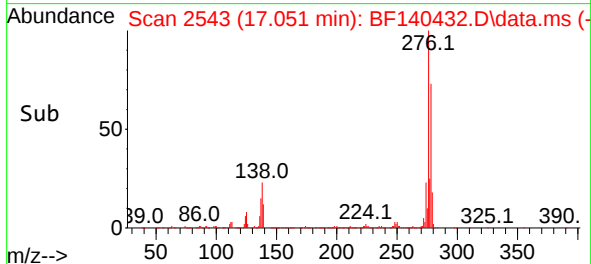
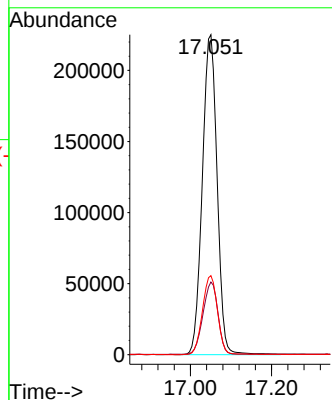
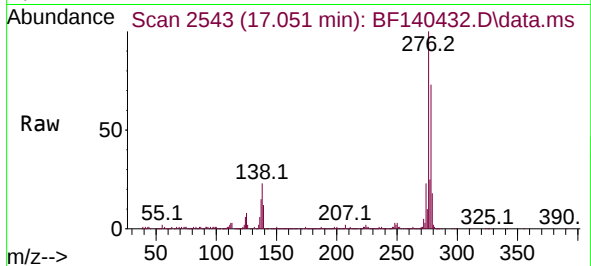
ClientSampleId :

BP-F-24MS

Tgt Ion:276 Resp: 56864
Ion Ratio Lower Upper
276 100
138 22.9 18.8 28.2
277 25.3 20.2 30.2

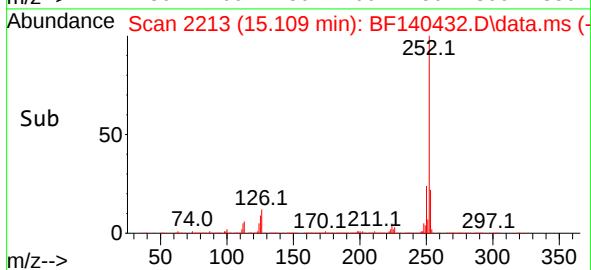
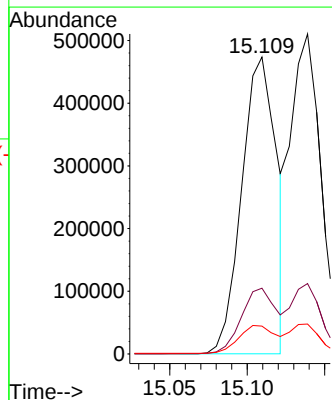
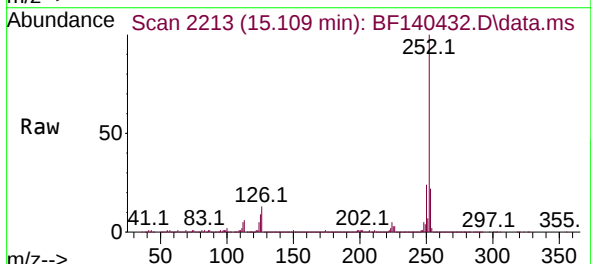
Manual Integrations
APPROVED

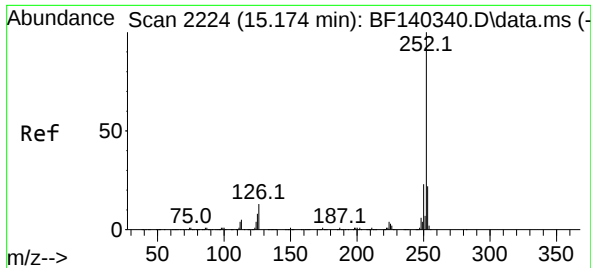
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#88
Benzo(b)fluoranthene
Concen: 43.108 ng
RT: 15.109 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

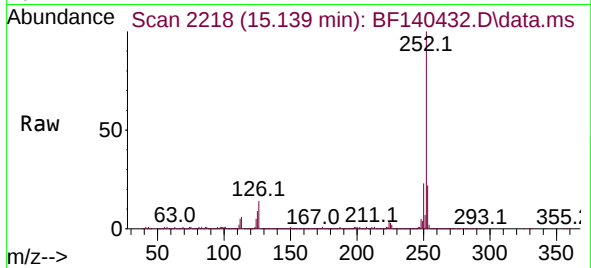
Tgt Ion:252 Resp: 738862
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.4 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 49.466 ng
RT: 15.139 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

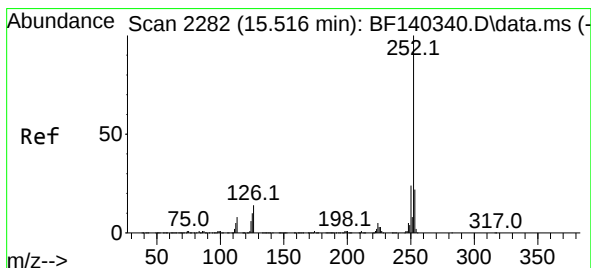
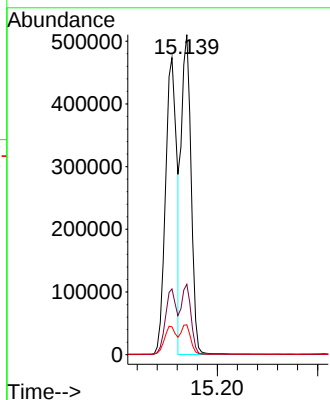
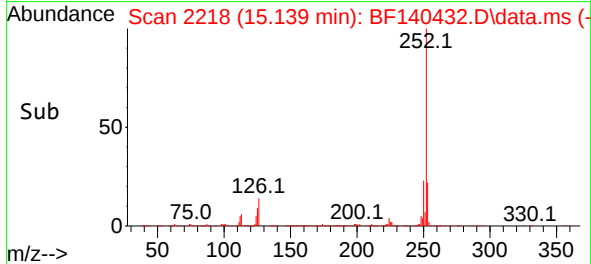
Instrument :
BNA_F
ClientSampleId :
BP-F-24MS



Tgt Ion:252 Resp: 69262
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.3 7.4 11.2

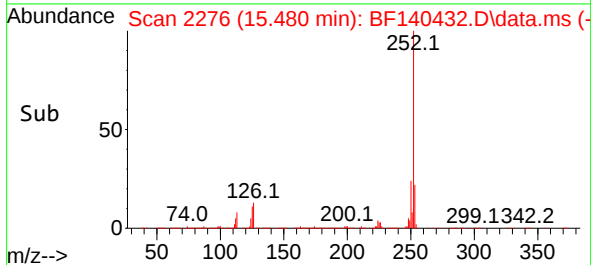
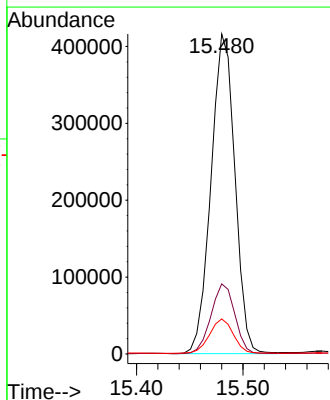
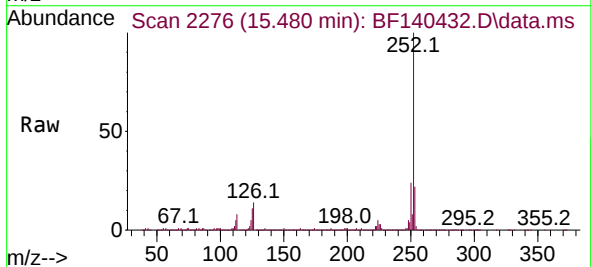
Manual Integrations
APPROVED

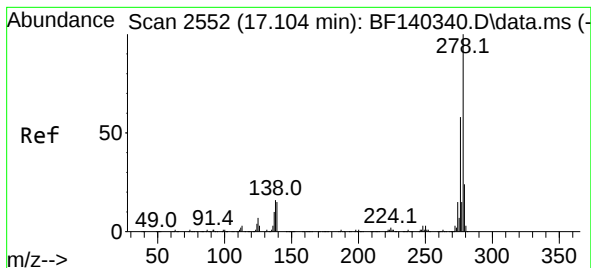
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#90
Benzo(a)pyrene
Concen: 48.664 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.012 min
Lab File: BF140432.D
Acq: 16 Nov 2024 16:16

Tgt Ion:252 Resp: 647733
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.9 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 35.010 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Instrument :

BNA_F

ClientSampleId :

BP-F-24MS

Tgt Ion:278 Resp: 46839

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.8

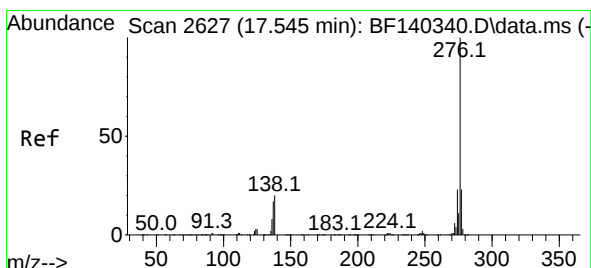
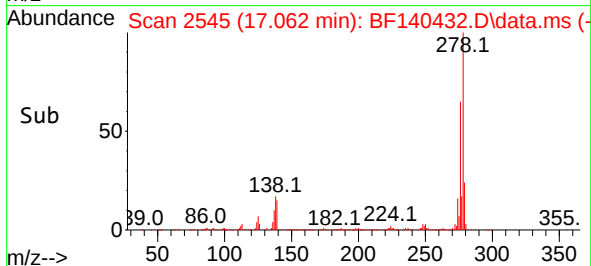
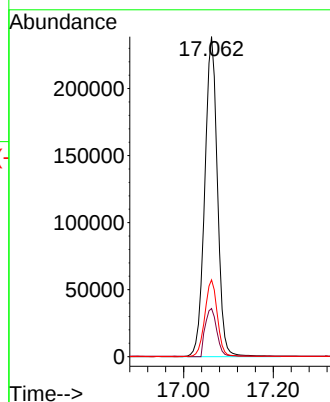
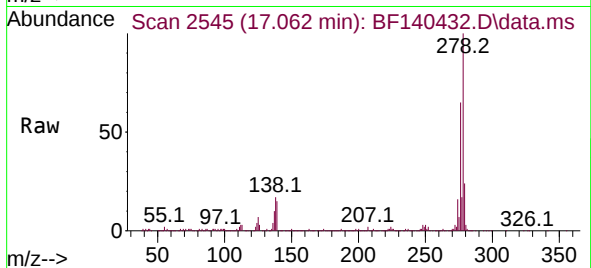
279 24.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#92

Benzo(g,h,i)perylene

Concen: 29.296 ng

RT: 17.503 min Scan# 2620

Delta R.T. -0.012 min

Lab File: BF140432.D

Acq: 16 Nov 2024 16:16

Tgt Ion:276 Resp: 400698

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 19.8 16.0 24.0

