

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141444.D
 Acq On : 05 Feb 2025 13:58
 Operator : RC/JU
 Sample : PB166525BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BS

Quant Time: Feb 05 14:43:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
 ahmed
 02/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	70182	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	270917	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	146640	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	253006	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	170069	20.000	ng	-0.01
86) Perylene-d12	15.427	264	150082	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	612828	134.054	ng	0.00
7) Phenol-d6	6.434	99	740558	127.341	ng	0.00
23) Nitrobenzene-d5	7.357	82	494377	96.199	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	205590	152.929	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	905878	95.084	ng	-0.01
79) Terphenyl-d14	12.904	244	1067122	96.767	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	74119	36.865	ng	96
3) Pyridine	3.275	79	174048	35.929	ng	94
4) n-Nitrosodimethylamine	3.222	42	124737	45.075	ng	86
6) Aniline	6.451	93	182095	36.990	ng	# 18
8) 2-Chlorophenol	6.581	128	209010	42.656	ng	96
9) Benzaldehyde	6.339	77	154371	45.827	ng	100
10) Phenol	6.445	94	249947	40.544	ng	# 66
11) bis(2-Chloroethyl)ether	6.528	93	188410	39.860	ng	99
12) 1,3-Dichlorobenzene	6.728	146	222982	41.273	ng	99
13) 1,4-Dichlorobenzene	6.804	146	225721	41.589	ng	99
14) 1,2-Dichlorobenzene	6.957	146	212718	41.856	ng	98
15) Benzyl Alcohol	6.933	79	184609	46.451	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	321021	39.056	ng	66
17) 2-Methylphenol	7.051	107	161798	40.629	ng	# 93
18) Hexachloroethane	7.298	117	85320	42.613	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	144607	41.847	ng	100
20) 3+4-Methylphenols	7.204	107	209932	42.934	ng	90
22) Acetophenone	7.198	105	320963	49.842	ng	# 99
24) Nitrobenzene	7.375	77	222650	41.807	ng	99
25) Isophorone	7.610	82	382756	43.086	ng	98
26) 2-Nitrophenol	7.686	139	111528	44.404	ng	93
27) 2,4-Dimethylphenol	7.733	122	170059m	53.194	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	230233	40.631	ng	99
29) 2,4-Dichlorophenol	7.939	162	173755	44.395	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	187551	41.961	ng	99
31) Naphthalene	8.092	128	599691	41.902	ng	100
32) Benzoic acid	7.857	122	137129	46.660	ng	98
33) 4-Chloroaniline	8.145	127	78867	16.251	ng	99
34) Hexachlorobutadiene	8.210	225	118260	45.117	ng	99
35) Caprolactam	8.510	113	58335m	45.638	ng	
36) 4-Chloro-3-methylphenol	8.639	107	187890	44.756	ng	96
37) 2-Methylnaphthalene	8.786	142	375245	41.252	ng	99
38) 1-Methylnaphthalene	8.886	142	369648	41.369	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	206053	49.393	ng	98
41) Hexachlorocyclopentadiene	8.939	237	230655	187.215	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	122257	44.774	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	129684	43.637	ng	99
46) 1,1'-Biphenyl	9.251	154	545169	47.671	ng	98
47) 2-Chloronaphthalene	9.275	162	371176	41.640	ng	99
48) 2-Nitroaniline	9.374	65	126490	45.114	ng	97
49) Acenaphthylene	9.692	152	574189	46.017	ng	100
50) Dimethylphthalate	9.551	163	432218	43.641	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96021	41.756	ng	95
52) Acenaphthene	9.863	154	438375m	49.177	ng	
53) 3-Nitroaniline	9.780	138	50131	22.242	ng	96
54) 2,4-Dinitrophenol	9.898	184	119030	111.349	ng	93
55) Dibenzofuran	10.033	168	519099	43.505	ng	96
56) 4-Nitrophenol	9.963	139	159299	96.643	ng	89
57) 2,4-Dinitrotoluene	10.022	165	137163	46.069	ng	94
58) Fluorene	10.380	166	415063	44.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	111673	47.763	ng	97
60) Diethylphthalate	10.257	149	424308	44.185	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	200349	44.315	ng	97
62) 4-Nitroaniline	10.398	138	97735	44.107	ng	89
63) Azobenzene	10.533	77	410979	42.755	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	75531	50.471	ng	94
66) n-Nitrosodiphenylamine	10.492	169	365376	44.650	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	122578	43.276	ng	100
68) Hexachlorobenzene	10.927	284	131549	43.783	ng	99
69) Atrazine	11.021	200	142140	51.951	ng	98
70) Pentachlorophenol	11.127	266	164425	93.454	ng	99
71) Phenanthrene	11.339	178	634856	46.680	ng	100
72) Anthracene	11.392	178	650983	48.852	ng	100
73) Carbazole	11.551	167	559736	47.370	ng	99
74) Di-n-butylphthalate	11.880	149	652645	45.576	ng	99
75) Fluoranthene	12.533	202	668611	49.790	ng	97
77) Benzidine	12.657	184	224457	41.169	ng	99
78) Pyrene	12.757	202	682267	41.793	ng	100
80) Butylbenzylphthalate	13.380	149	261575	45.864	ng	99
81) Benzo(a)anthracene	13.951	228	502103	42.784	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	78216	20.955	ng	99
83) Chrysene	13.992	228	481401	44.759	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	325306	44.964	ng	99
85) Di-n-octyl phthalate	14.568	149	473599	42.146	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	436877	45.101	ng	95
88) Benzo(b)fluoranthene	15.004	252	445506	47.191	ng	98
89) Benzo(k)fluoranthene	15.033	252	366553	43.829	ng	98
90) Benzo(a)pyrene	15.368	252	390312	48.925	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	352311	45.207	ng	97
92) Benzo(g,h,i)perylene	17.309	276	332118	40.985	ng	95

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



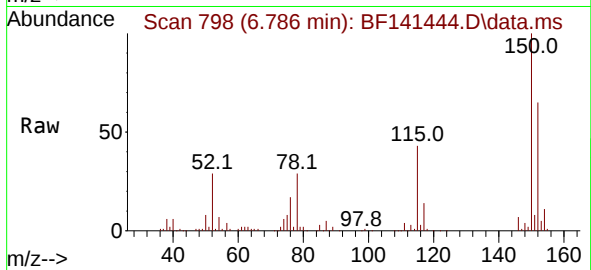
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

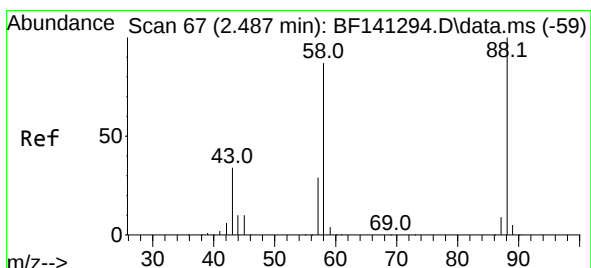
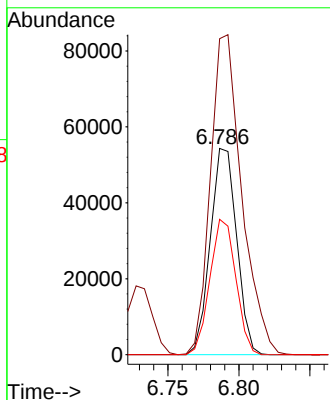
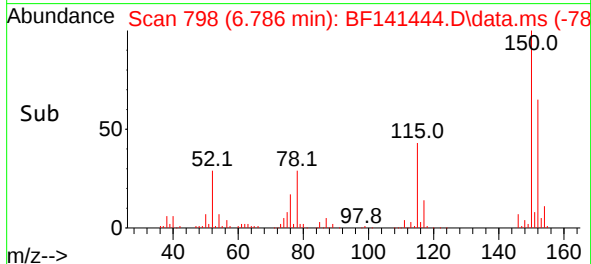


Tgt Ion:152 Resp: 7018
Ion Ratio Lower Upper
152 100
150 153.3 125.9 188.9
115 65.6 49.7 74.5

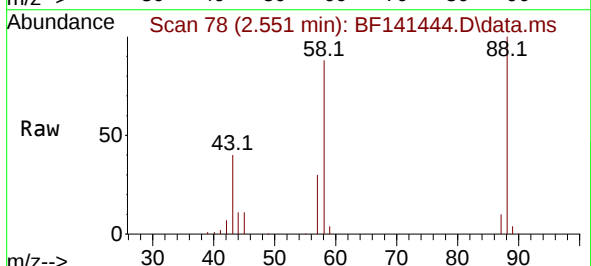
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 02/06/2025

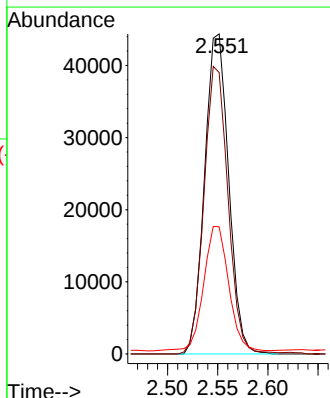
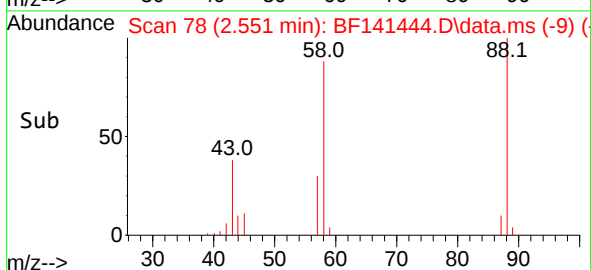
Supervised By :mohammad
ahmed
02/06/2025

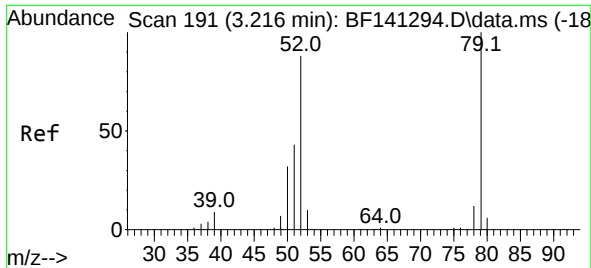


#2
1,4-Dioxane
Concen: 36.865 ng
RT: 2.551 min Scan# 78
Delta R.T. 0.059 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



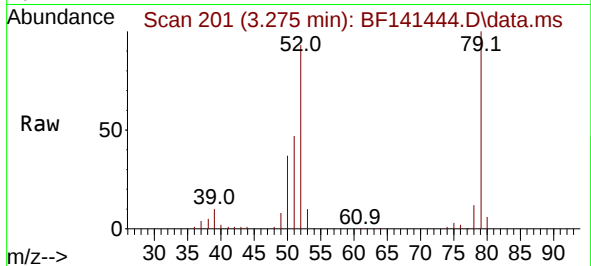
Tgt Ion: 88 Resp: 74119
Ion Ratio Lower Upper
88 100
58 89.7 70.2 105.4
43 40.3 27.6 41.4





#3
Pyridine
Concen: 35.929 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

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PB166525BS

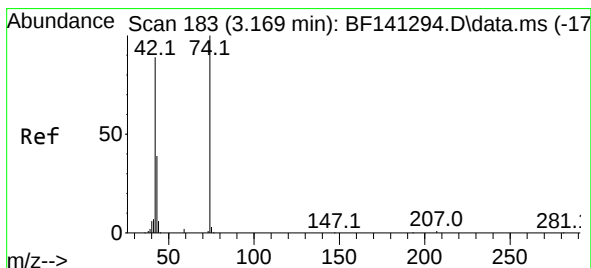
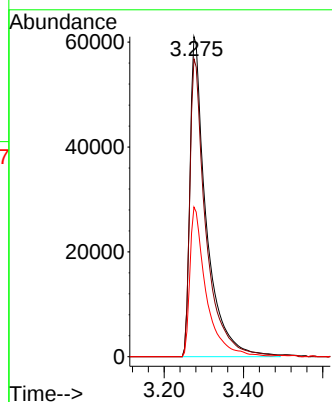


Tgt Ion: 79 Resp: 174048
Ion Ratio Lower Upper
79 100
52 93.0 70.3 105.5
51 46.8 34.3 51.5

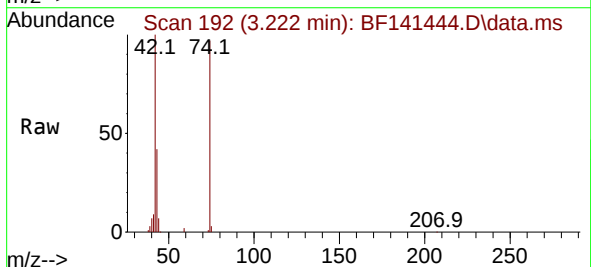
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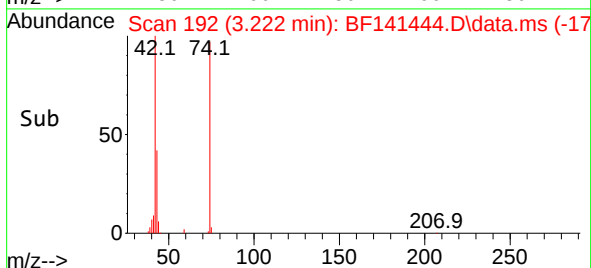
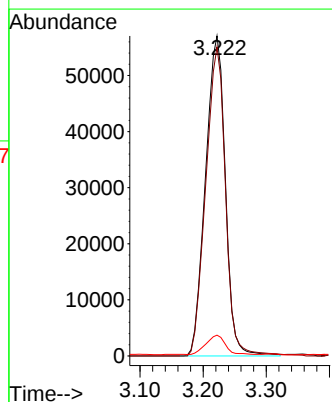
Supervised By :mohammad
ahmed
02/06/2025



#4
n-Nitrosodimethylamine
Concen: 45.075 ng
RT: 3.222 min Scan# 192
Delta R.T. 0.023 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion: 42 Resp: 124737
Ion Ratio Lower Upper
42 100
74 96.6 90.3 135.5
44 6.5 5.7 8.5





#5
2-Fluorophenol
Concen: 134.054 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

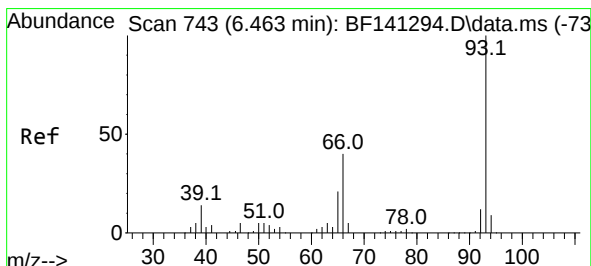
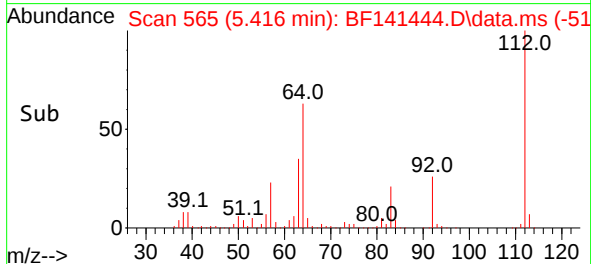
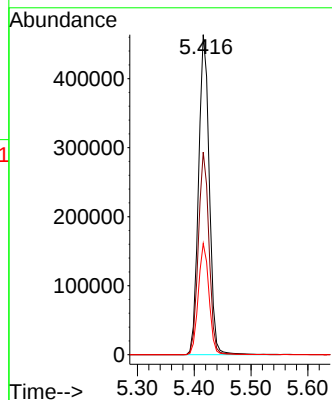
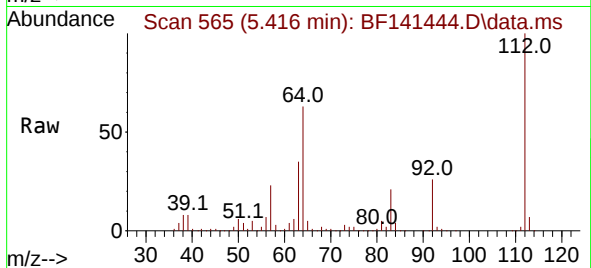
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:112 Resp: 612828
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 34.7 26.1 39.1

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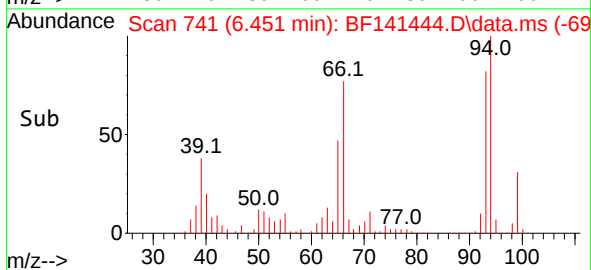
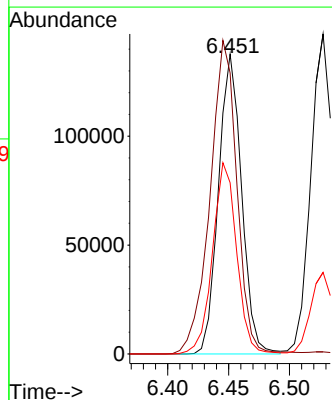
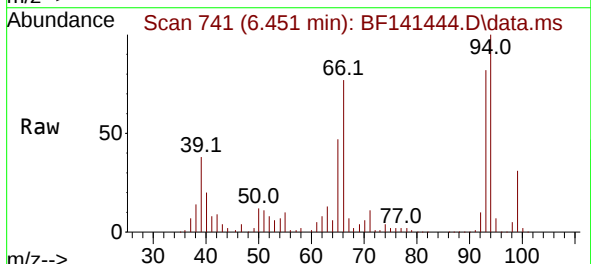
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

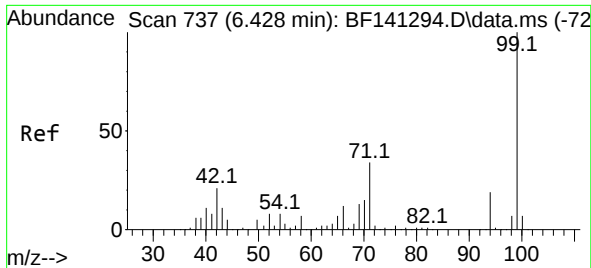
Supervised By :mohammad
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02/06/2025



#6
Aniline
Concen: 36.990 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

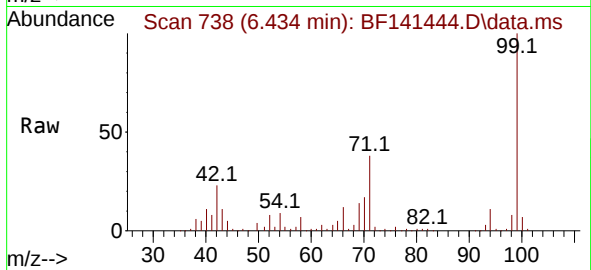
Tgt Ion: 93 Resp: 182095
Ion Ratio Lower Upper
93 100
66 93.7 32.5 48.7#
65 57.1 17.0 25.6#





#7
Phenol-d6
Concen: 127.341 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141444.D
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PB166525BS

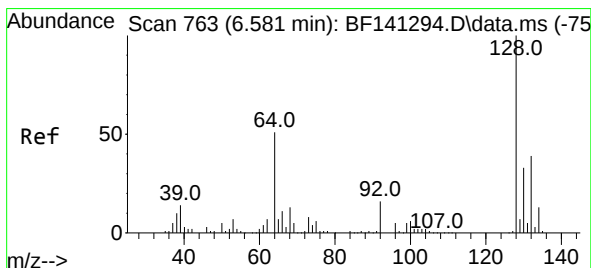
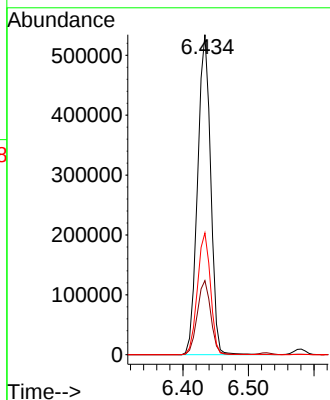
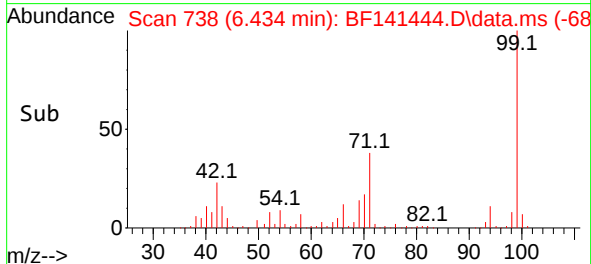


Tgt Ion: 99 Resp: 740558
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.1 26.9 40.3

Manual Integrations
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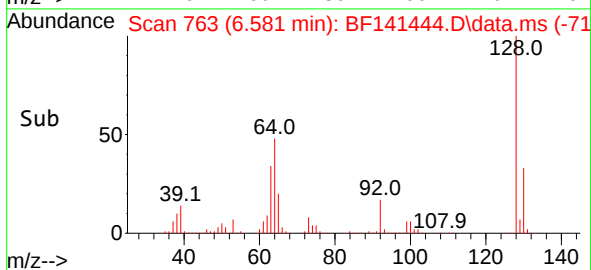
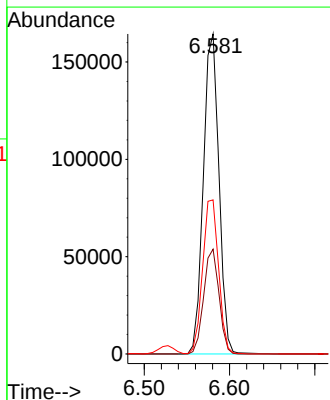
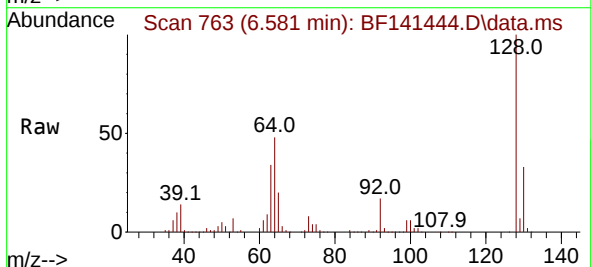
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ahmed
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#8
2-Chlorophenol
Concen: 42.656 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

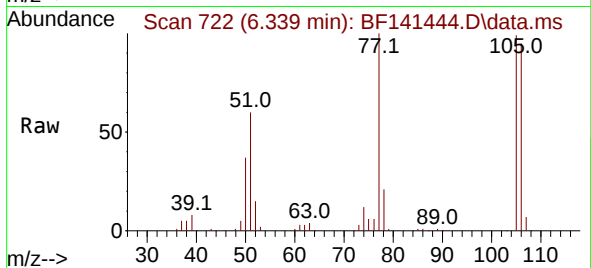
Tgt Ion:128 Resp: 209010
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 48.2 32.9 72.9





#9
Benzaldehyde
Concen: 45.827 ng
RT: 6.339 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
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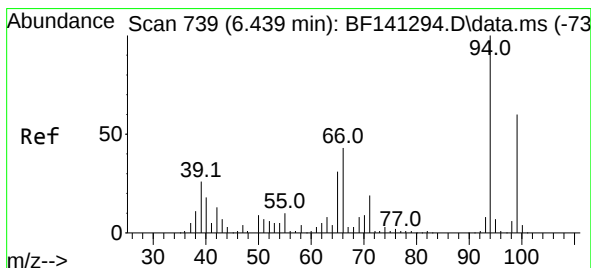
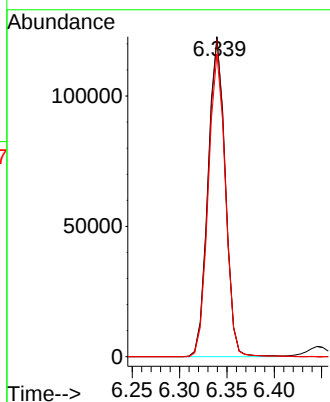


Tgt Ion: 77 Resp: 15437
Ion Ratio Lower Upper
77 100
105 99.2 79.4 119.4
106 94.7 74.6 114.6

Manual Integrations
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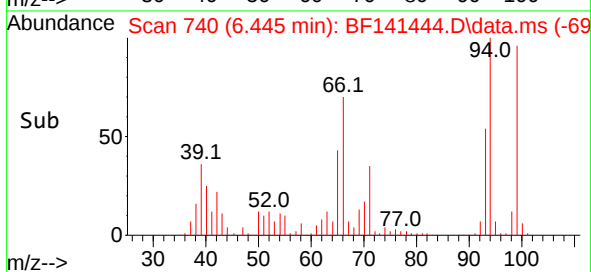
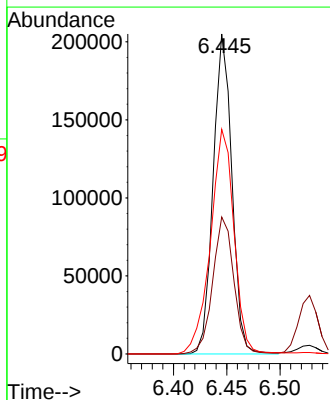
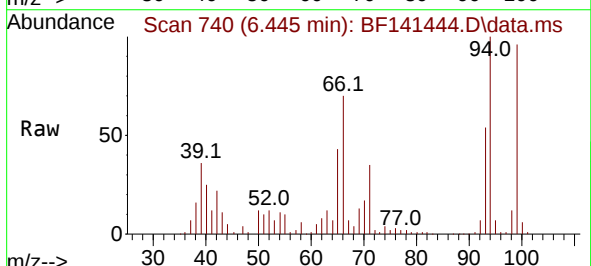
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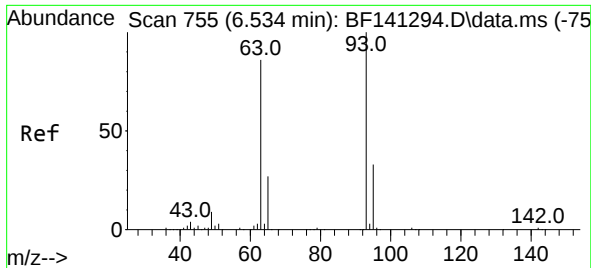
Supervised By :mohammad
ahmed
02/06/2025



#10
Phenol
Concen: 40.544 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141444.D
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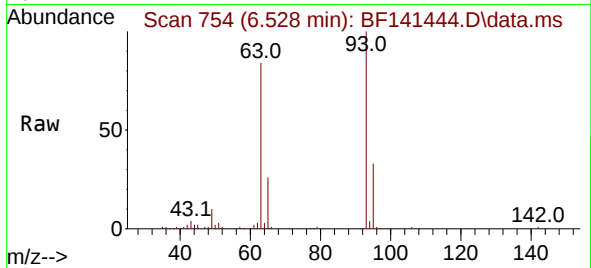
Tgt Ion: 94 Resp: 249947
Ion Ratio Lower Upper
94 100
65 42.8 10.8 50.8
66 70.2 23.3 63.3#





#11
bis(2-Chloroethyl)ether
Concen: 39.860 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

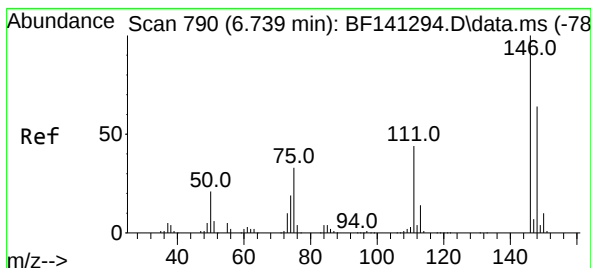
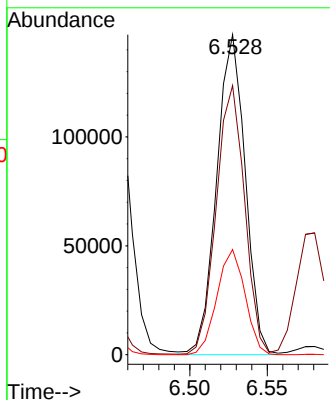
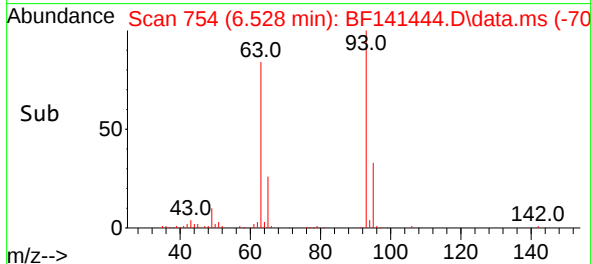


Tgt Ion: 93 Resp: 188410
Ion Ratio Lower Upper
93 100
63 84.1 65.0 105.0
95 32.9 12.4 52.4

Manual Integrations
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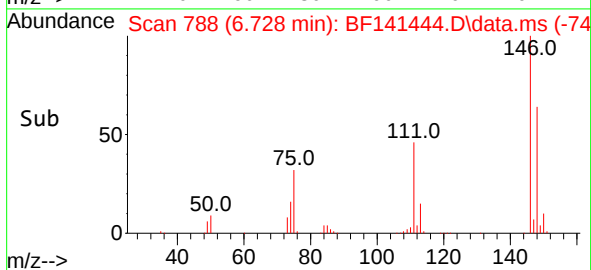
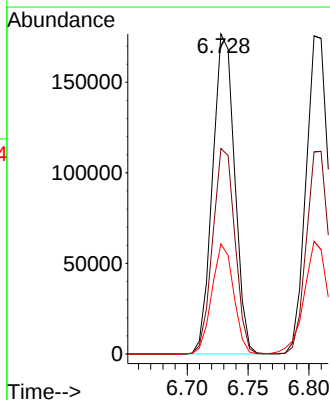
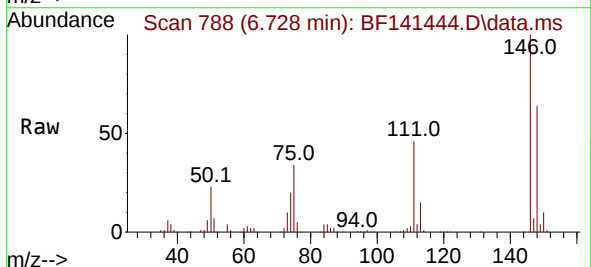
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
ahmed
02/06/2025



#12
1,3-Dichlorobenzene
Concen: 41.273 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:146 Resp: 222982
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 34.4 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 41.589 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

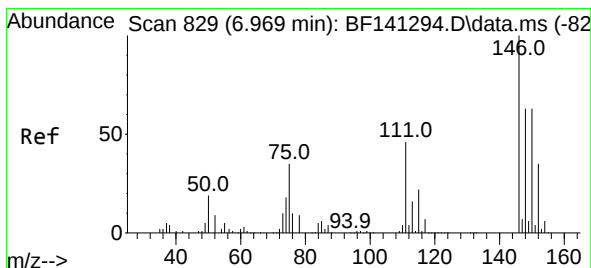
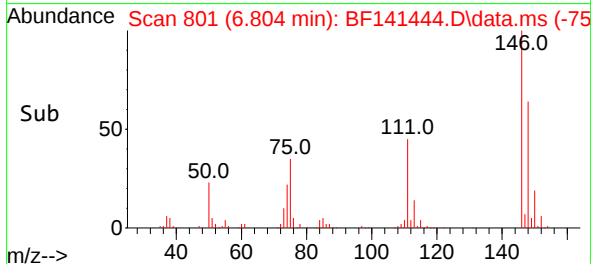
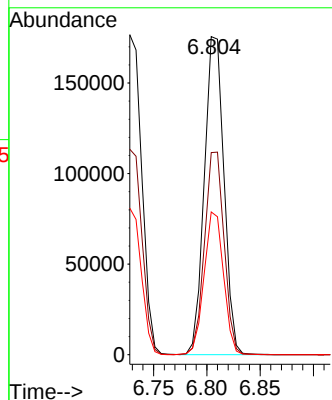
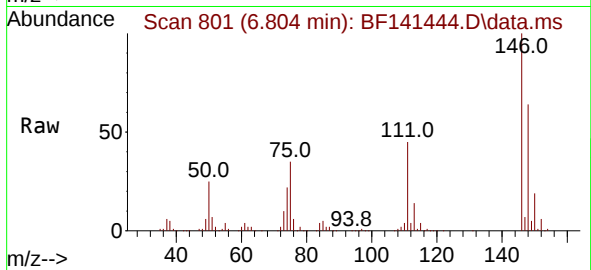
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:146 Resp: 22572
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 44.9 35.0 52.4

Manual Integrations
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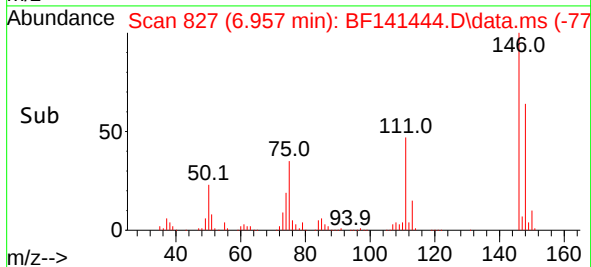
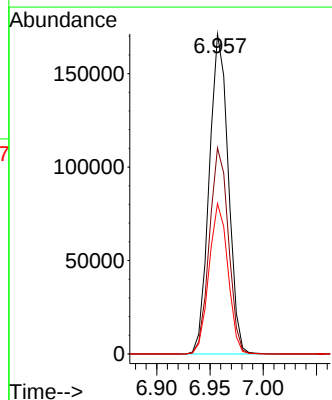
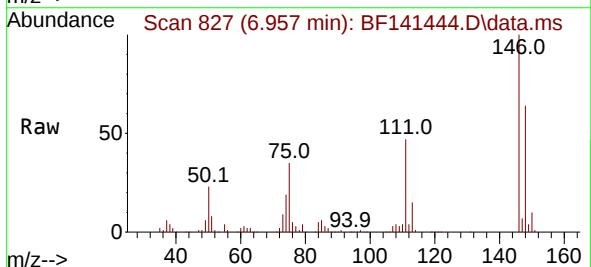
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

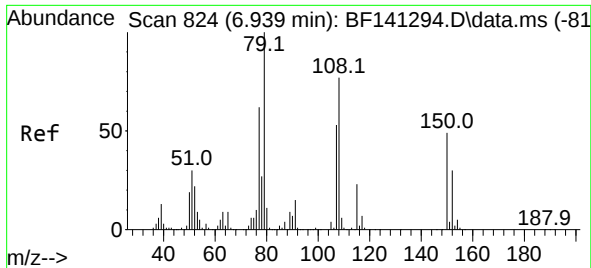
Supervised By :mohammad
ahmed
02/06/2025



#14
1,2-Dichlorobenzene
Concen: 41.856 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

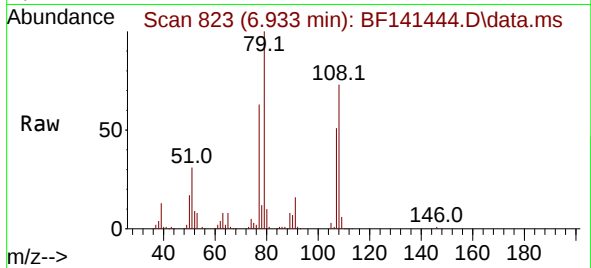
Tgt Ion:146 Resp: 212718
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 47.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 46.451 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

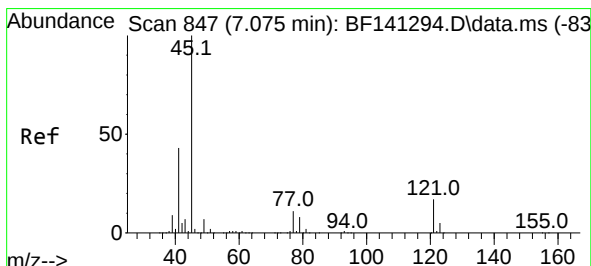
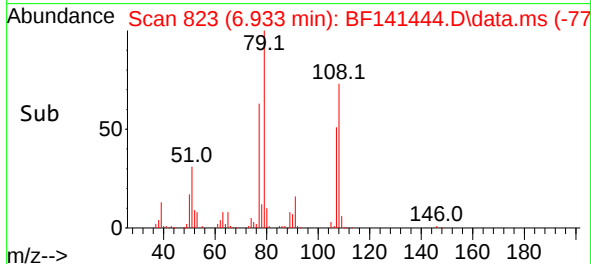
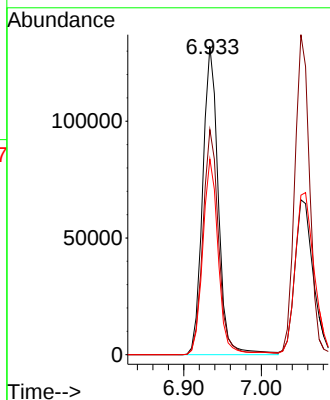


Tgt Ion: 79 Resp: 184609
Ion Ratio Lower Upper
79 100
108 73.0 61.4 92.0
77 63.5 49.9 74.9

Manual Integrations
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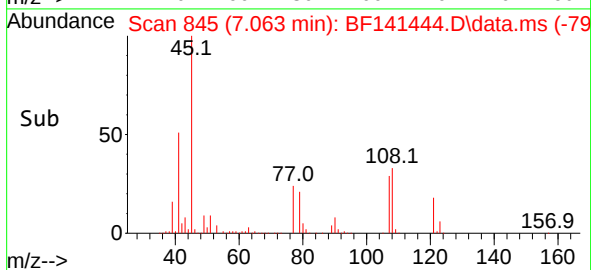
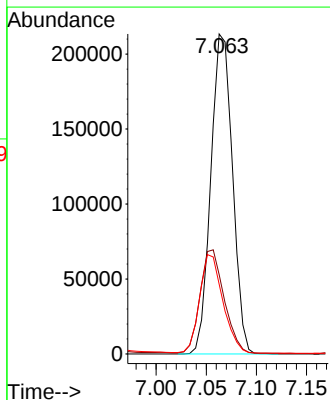
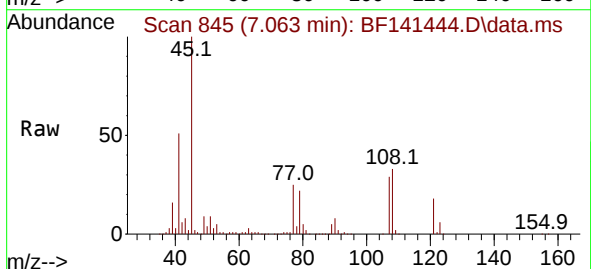
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

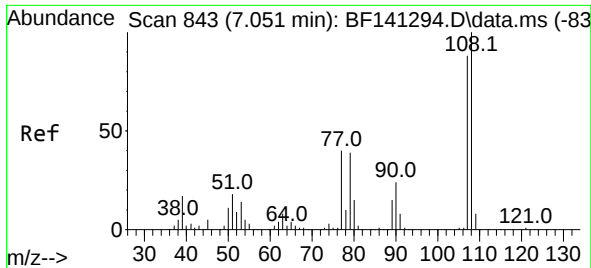
Supervised By :mohammad
ahmed
02/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.056 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion: 45 Resp: 321021
Ion Ratio Lower Upper
45 100
77 24.8 0.0 31.8
79 21.8 0.0 29.1





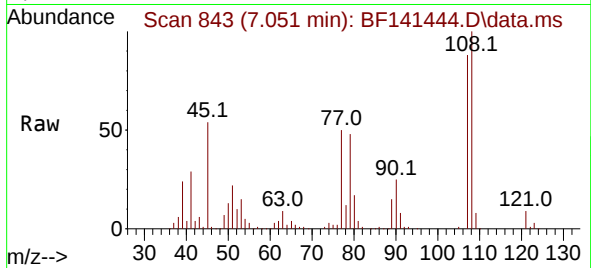
#17
2-Methylphenol
Concen: 40.629 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



Tgt Ion:107 Resp: 161798
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 56.4 36.2 54.4
79 54.7 35.7 53.5

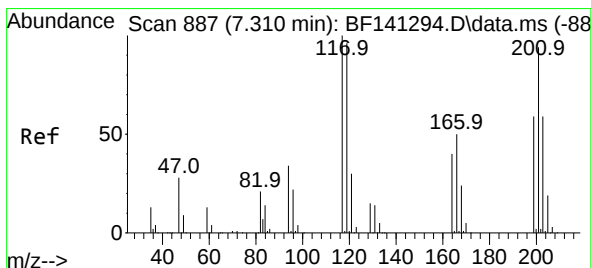
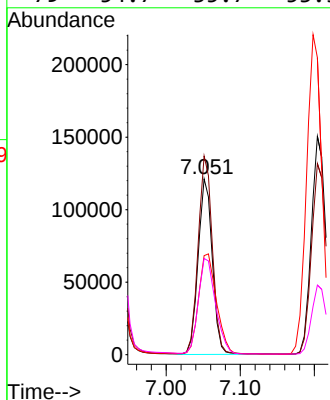
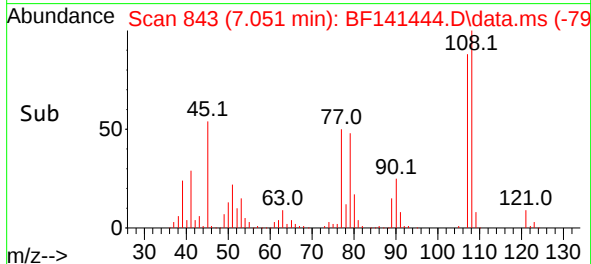
Manual Integrations

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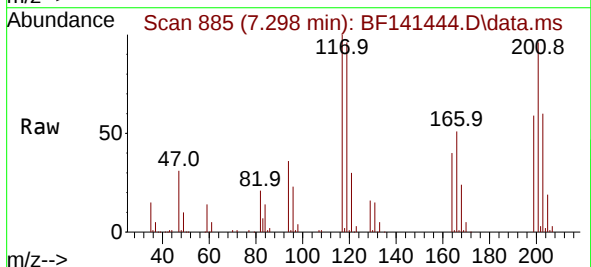
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

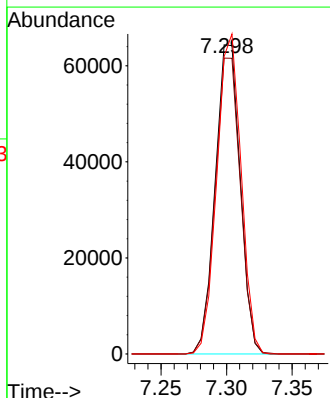
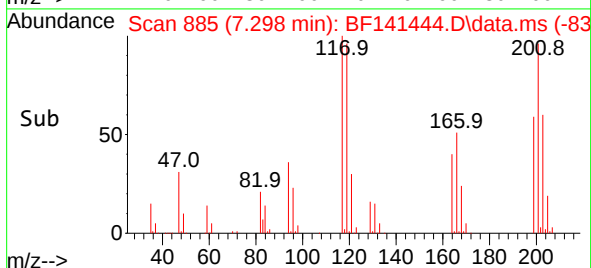
Supervised By :mohammad
ahmed
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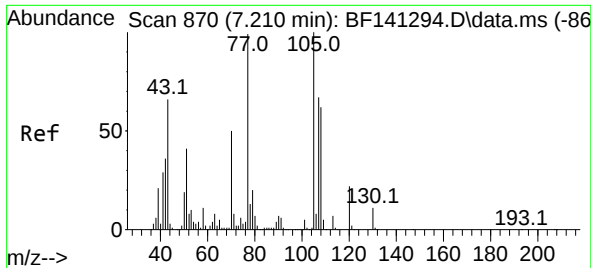


#18
Hexachloroethane
Concen: 42.613 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:117 Resp: 85320
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 96.3 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.847 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

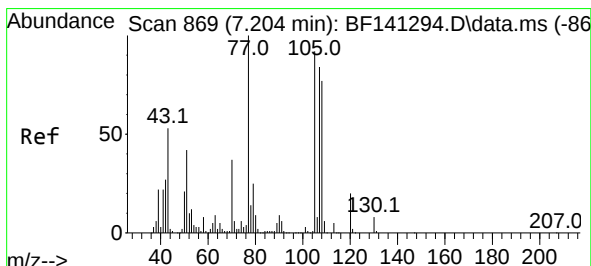
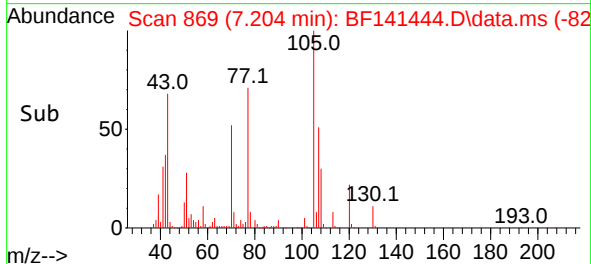
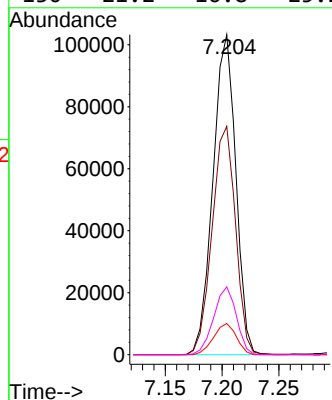
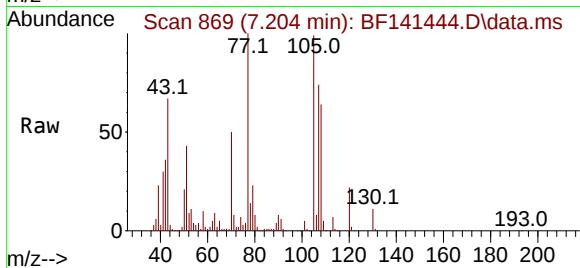
PB166525BS

Tgt Ion: 70 Resp: 14460
Ion Ratio Lower Upper
70 100
42 71.4 56.8 85.2
101 9.7 7.7 11.5
130 21.2 16.8 25.2

Manual Integrations
APPROVED

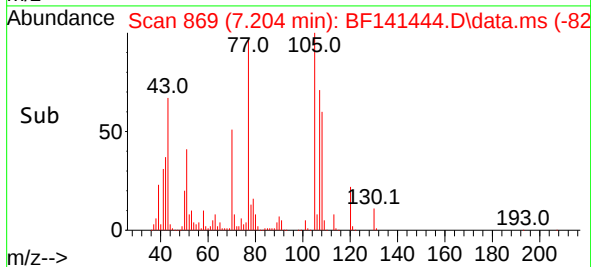
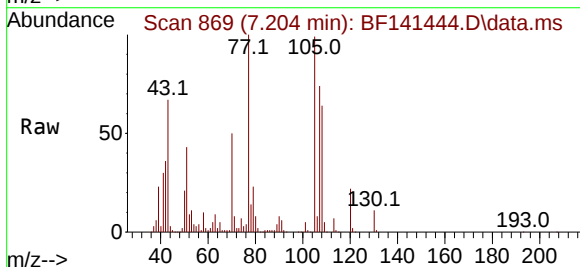
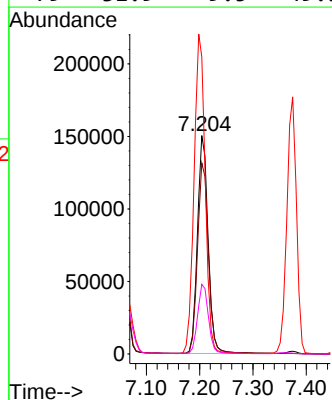
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

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ahmed
02/06/2025



#20
3+4-Methylphenols
Concen: 42.934 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

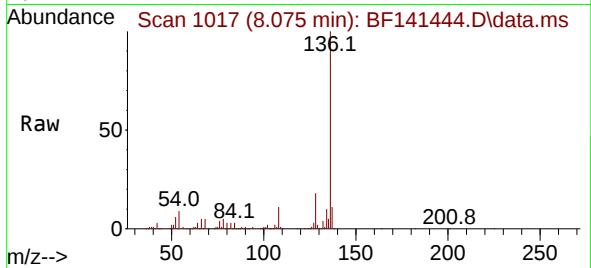
Tgt Ion:107 Resp: 209932
Ion Ratio Lower Upper
107 100
108 87.5 70.9 110.9
77 136.0 98.5 138.5
79 31.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

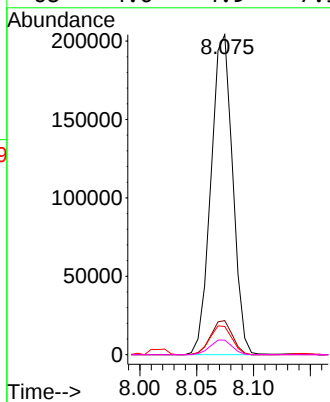
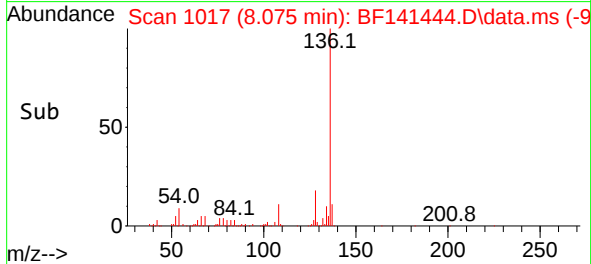
Instrument :
BNA_F
ClientSampleId :
PB166525BS



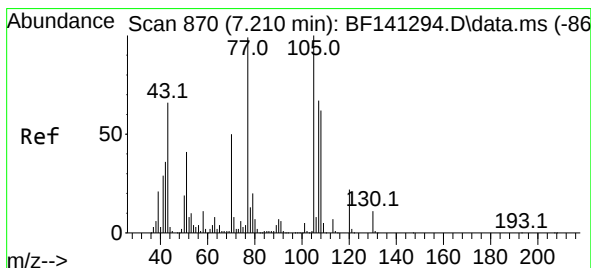
Tgt Ion:136 Resp: 27091
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.8 11.8
68 4.6 4.9 7.3#

Manual Integrations
APPROVED

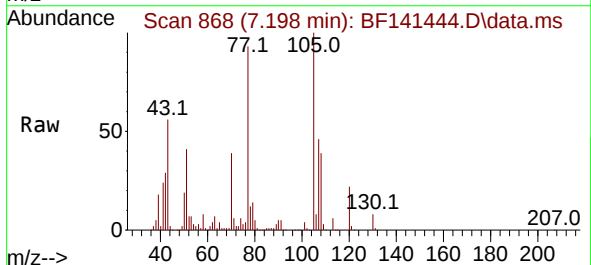
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



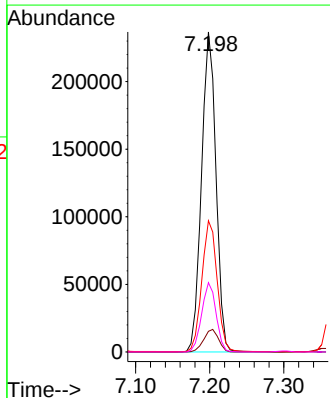
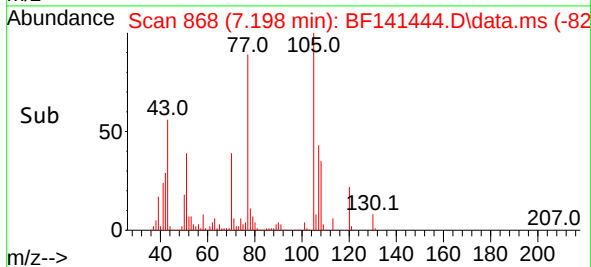
Supervised By :mohammad
ahmed
02/06/2025

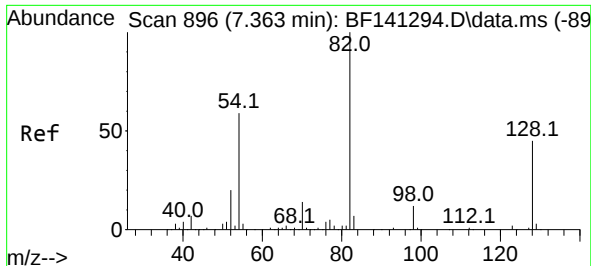


#22
Acetophenone
Concen: 49.842 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:105 Resp: 320963
Ion Ratio Lower Upper
105 100
71 6.4 6.8 10.2#
51 41.0 32.6 49.0
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 96.199 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141444.D

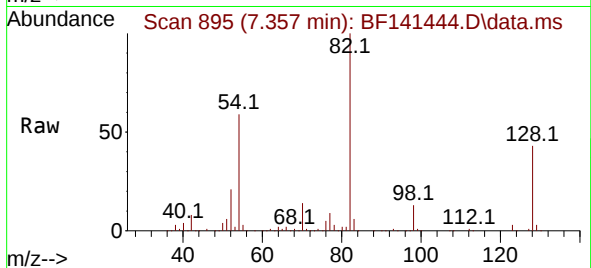
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



Tgt Ion: 82 Resp: 49437

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.7	53.5
54	59.3	47.1	70.7

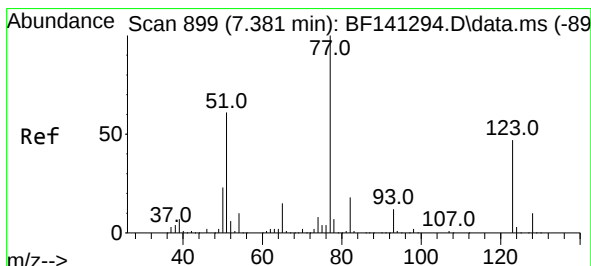
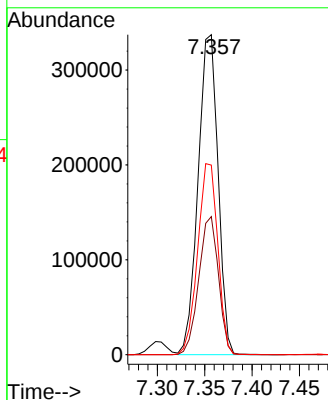
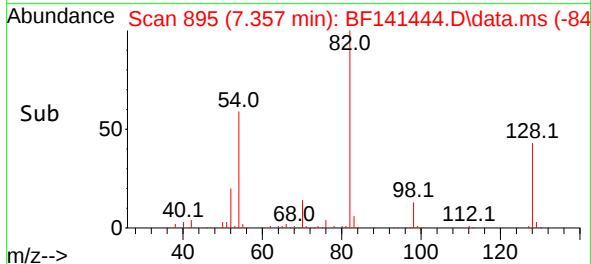
Manual Integrations

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Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
ahmed
02/06/2025



#24

Nitrobenzene

Concen: 41.807 ng

RT: 7.375 min Scan# 898

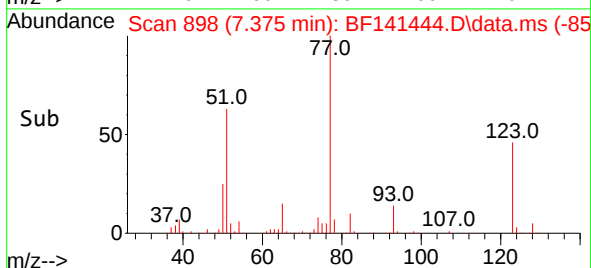
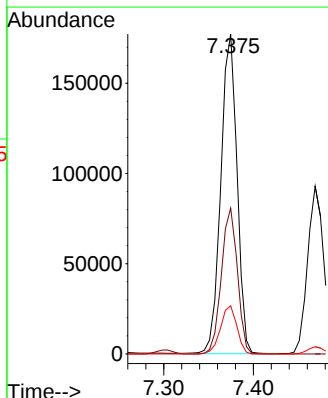
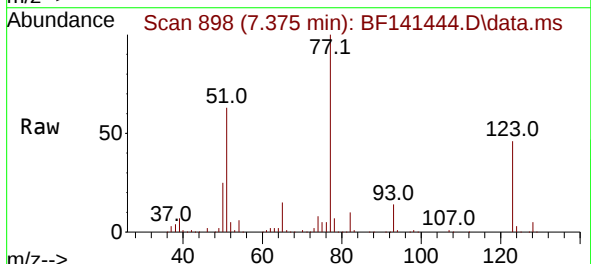
Delta R.T. -0.018 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion: 77 Resp: 222650

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.3	55.9
65	15.1	11.8	17.6





#25
Isophorone
Concen: 43.086 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

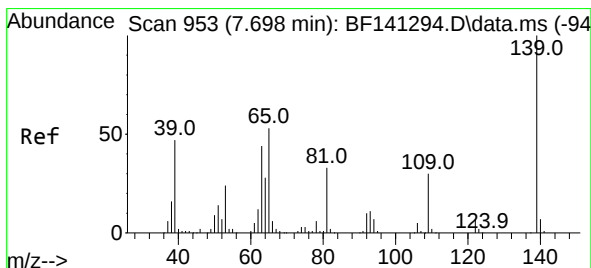
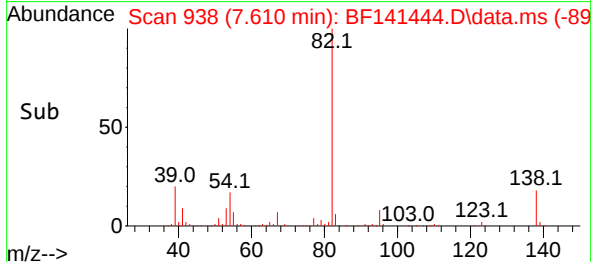
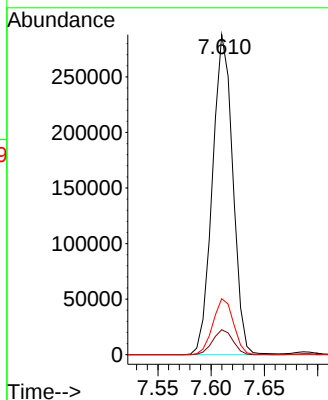
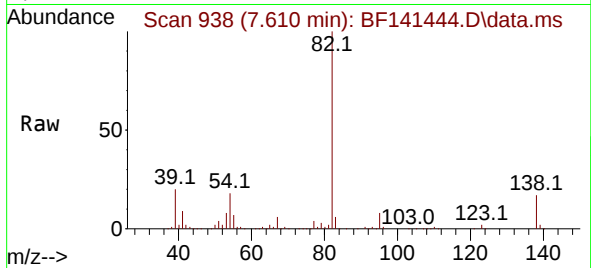
PB166525BS

Tgt Ion: 82 Resp: 382750
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.5 14.7 22.1

Manual Integrations
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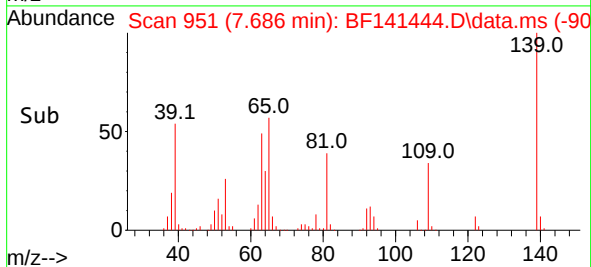
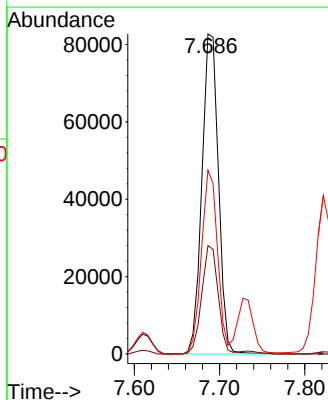
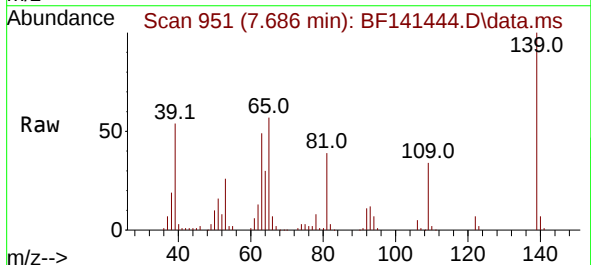
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
ahmed
02/06/2025



#26
2-Nitrophenol
Concen: 44.404 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:139 Resp: 111528
Ion Ratio Lower Upper
139 100
109 33.9 23.8 35.6
65 57.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 53.194 ng m

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141444.D

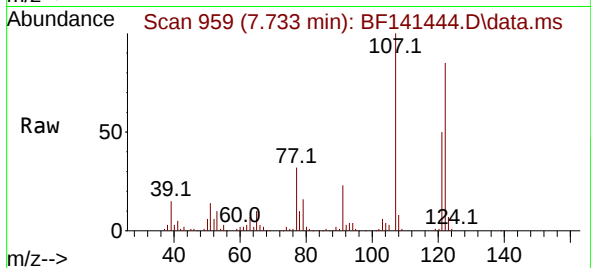
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



Tgt Ion:122 Resp: 170059

Ion	Ratio	Lower	Upper
122	100		
107	117.5	89.9	134.9
121	59.2	46.1	69.1

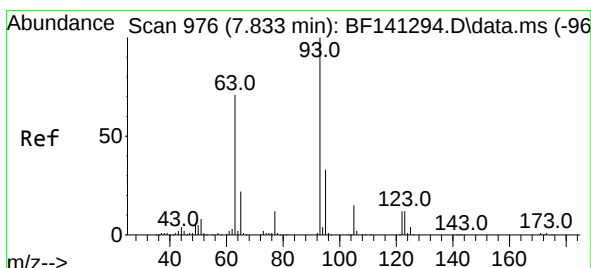
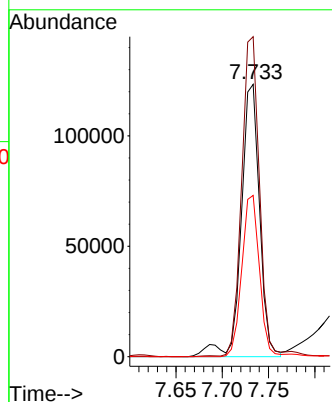
Manual Integrations

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Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
ahmed
02/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 7.822 min Scan# 974

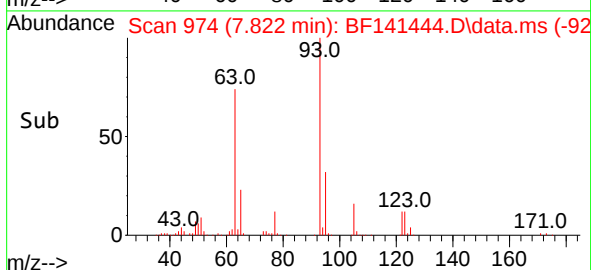
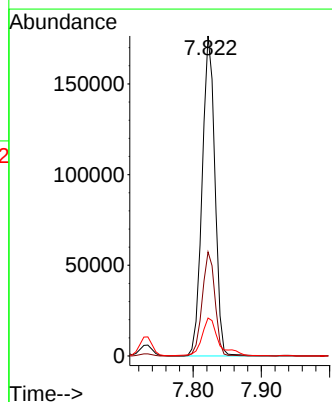
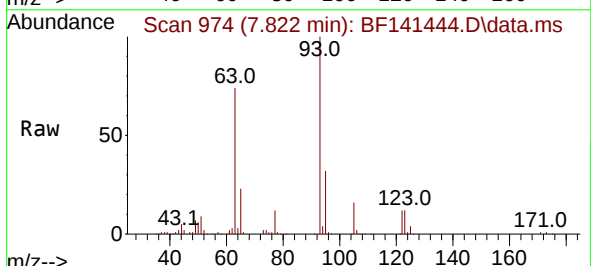
Delta R.T. -0.018 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion: 93 Resp: 230233

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.8	10.2	15.4





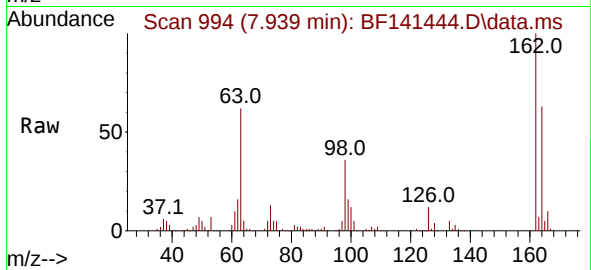
#29
2,4-Dichlorophenol
Concen: 44.395 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

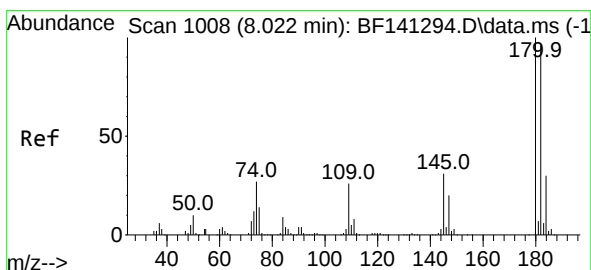
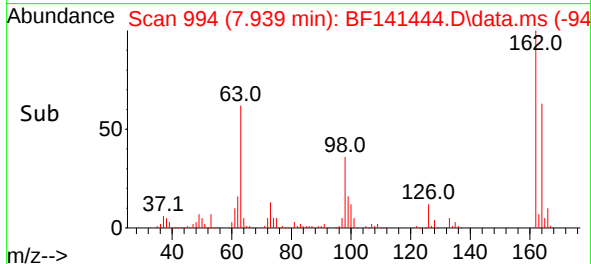
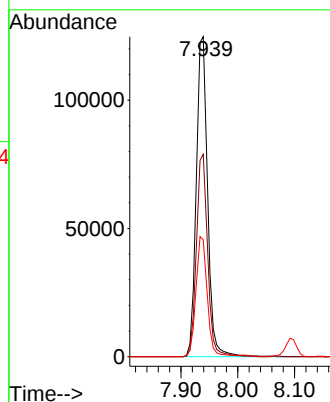


Tgt Ion:162 Resp: 17375
Ion Ratio Lower Upper
162 100
164 63.3 44.2 84.2
98 36.5 18.2 58.2

Manual Integrations
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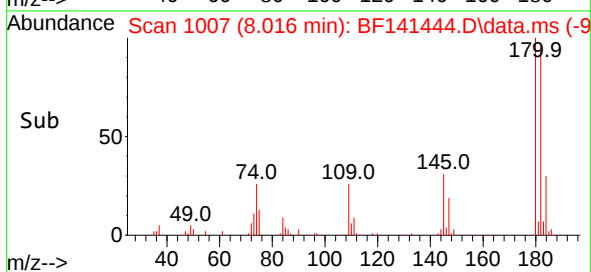
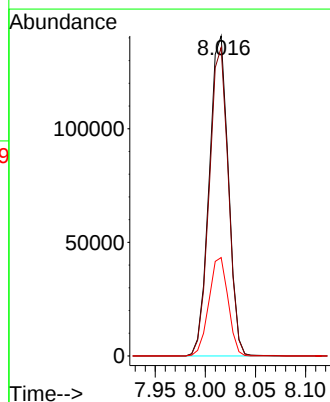
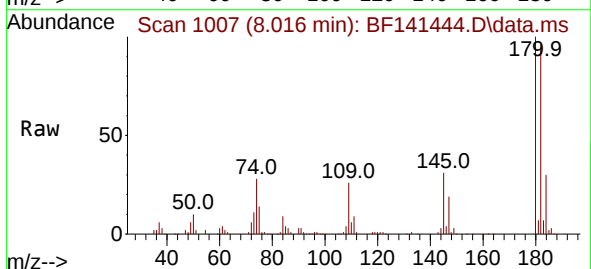
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

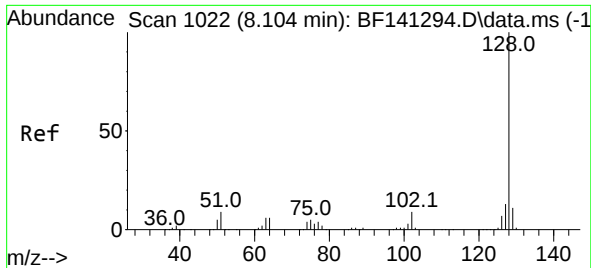
Supervised By :mohammad
ahmed
02/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.961 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:180 Resp: 187551
Ion Ratio Lower Upper
180 100
182 96.4 76.4 114.6
145 30.8 24.9 37.3





#31
Naphthalene
Concen: 41.902 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

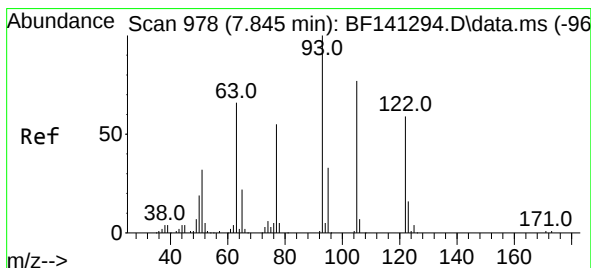
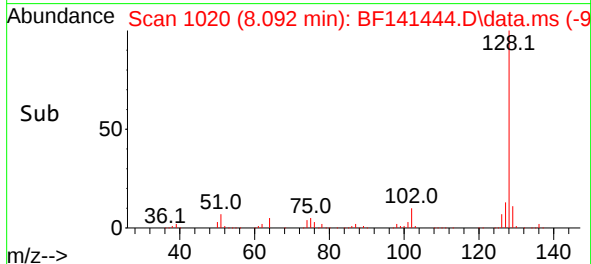
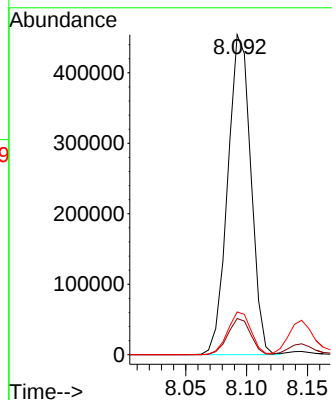
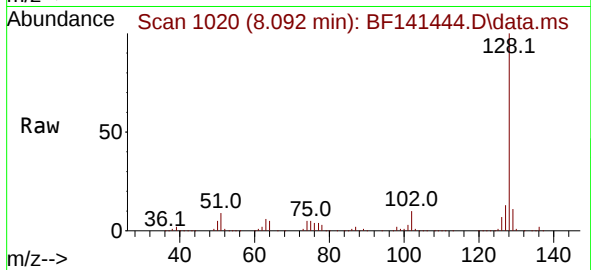
PB166525BS

Tgt Ion:128 Resp: 59969
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations
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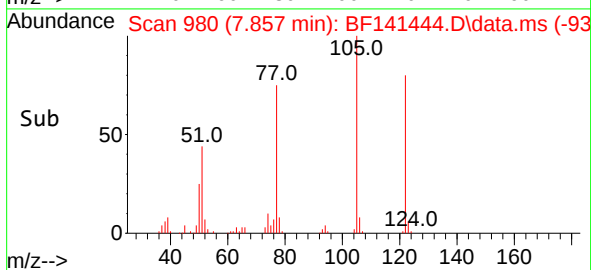
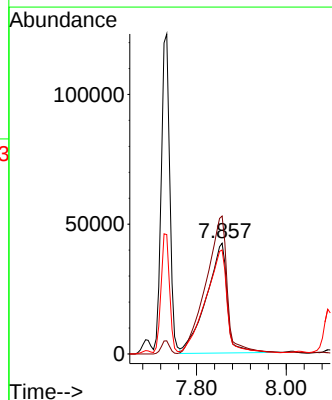
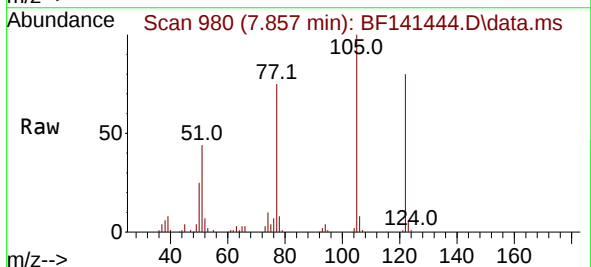
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

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ahmed
02/06/2025



#32
Benzoic acid
Concen: 46.660 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:122 Resp: 137129
Ion Ratio Lower Upper
122 100
105 124.5 103.4 143.4
77 93.9 70.9 110.9





#33
4-Chloroaniline
Concen: 16.251 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

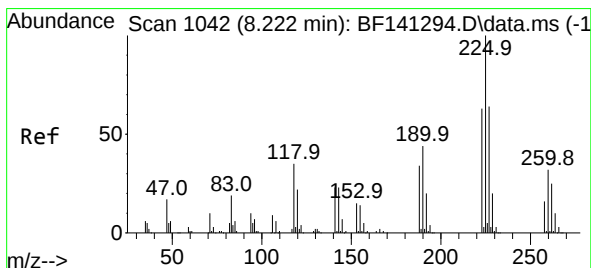
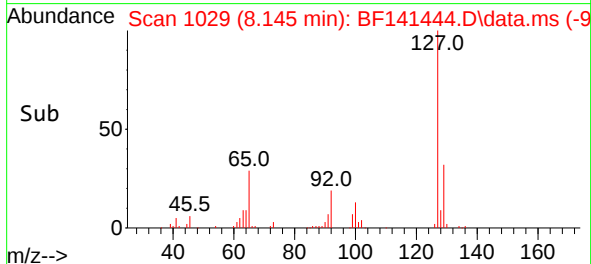
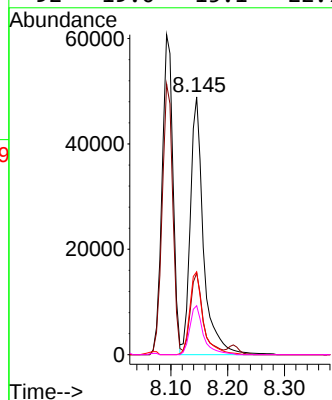
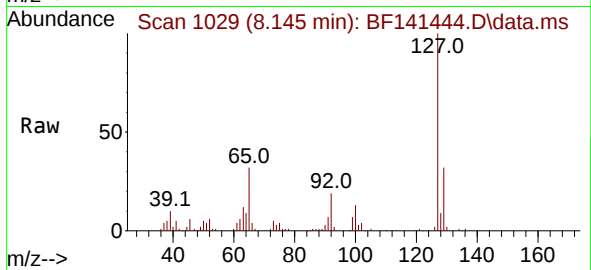
PB166525BS

Tgt Ion:127 Resp: 7886
Ion Ratio Lower Upper
127 100
129 31.7 25.7 38.5
65 32.2 26.4 39.6
92 19.0 15.1 22.7

Manual Integrations
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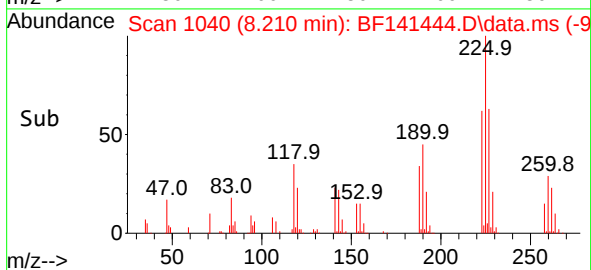
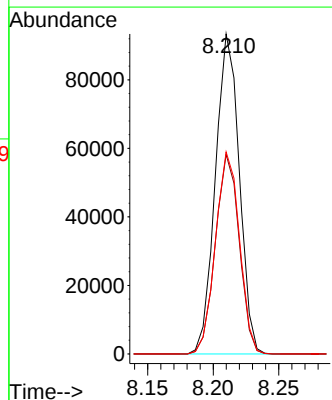
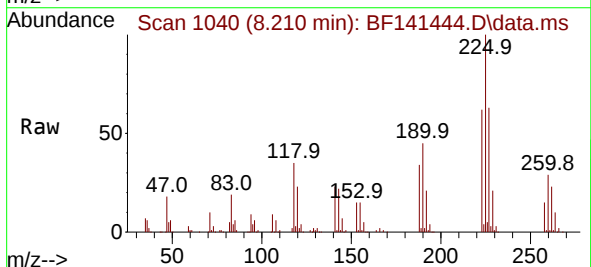
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

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ahmed
02/06/2025



#34
Hexachlorobutadiene
Concen: 45.117 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

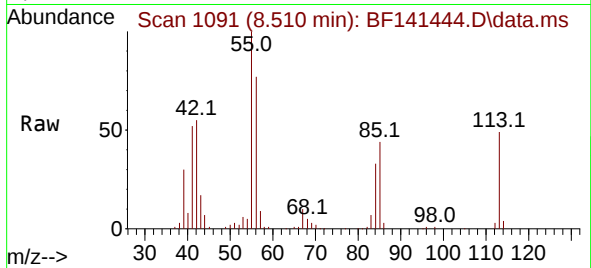
Tgt Ion:225 Resp: 118260
Ion Ratio Lower Upper
225 100
223 62.3 50.4 75.6
227 63.1 51.3 76.9





#35
Caprolactam
Concen: 45.638 ng m
RT: 8.510 min Scan# 1091
Delta R.T. -0.036 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

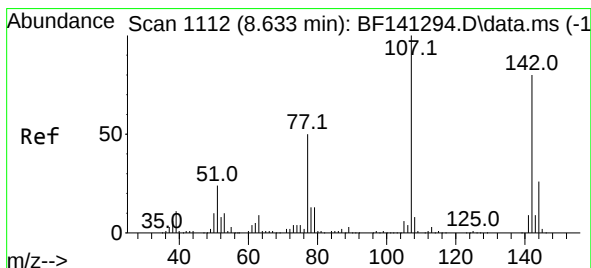
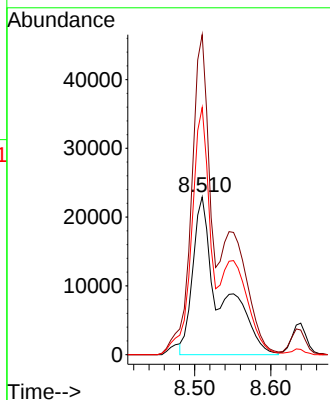
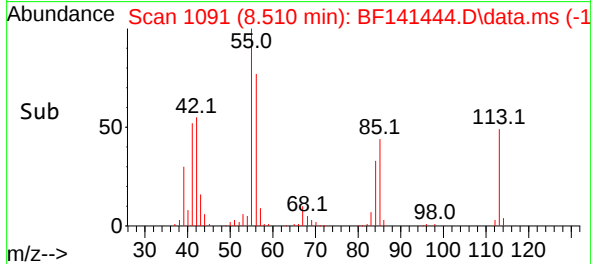


Tgt Ion:113 Resp: 5833
Ion Ratio Lower Upper
113 100
55 202.9 182.9 222.9
56 156.7 127.9 167.9

Manual Integrations
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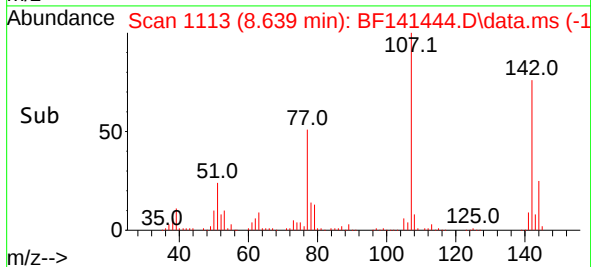
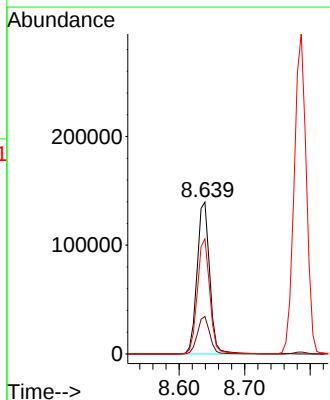
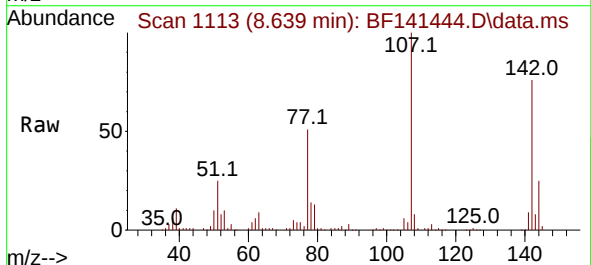
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

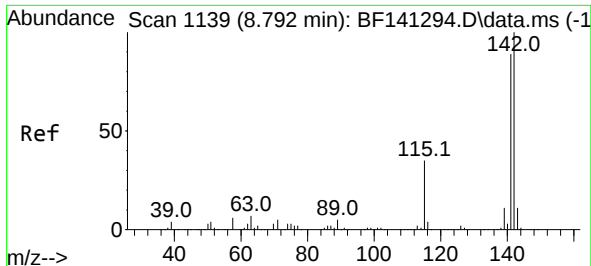
Supervised By :mohammad
ahmed
02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 44.756 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:107 Resp: 187890
Ion Ratio Lower Upper
107 100
144 24.6 20.7 31.1
142 75.8 63.8 95.8





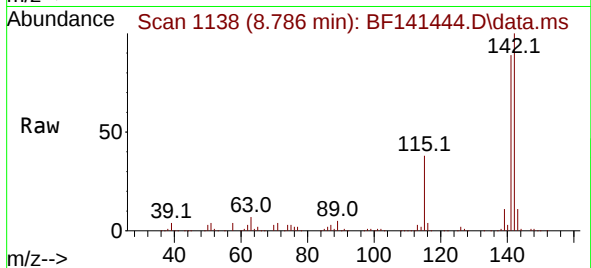
#37
2-Methylnaphthalene
Concen: 41.252 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

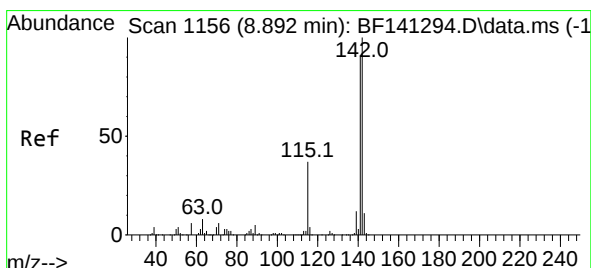
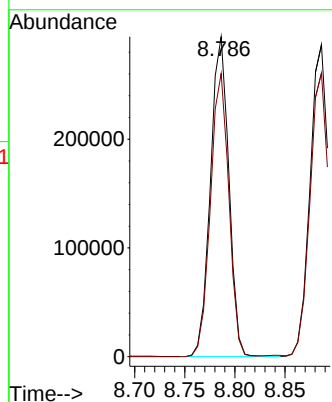
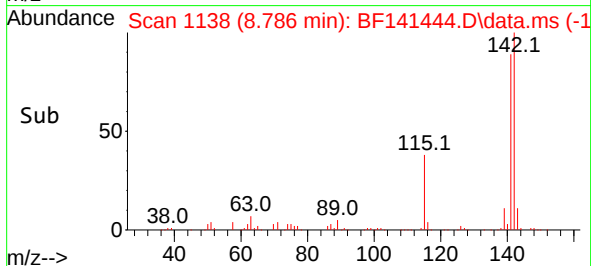


Tgt Ion:142 Resp: 375249
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

Manual Integrations
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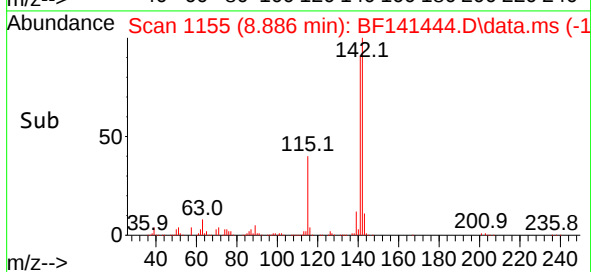
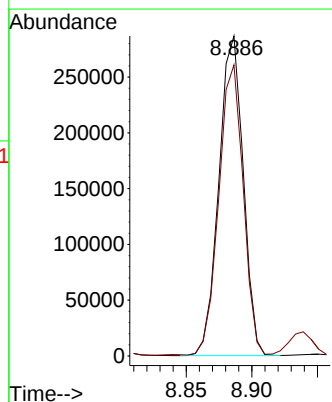
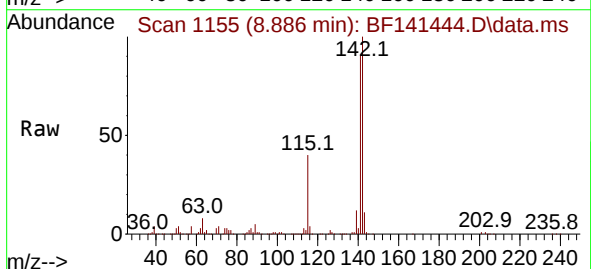
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

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ahmed
02/06/2025



#38
1-Methylnaphthalene
Concen: 41.369 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:142 Resp: 369648
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





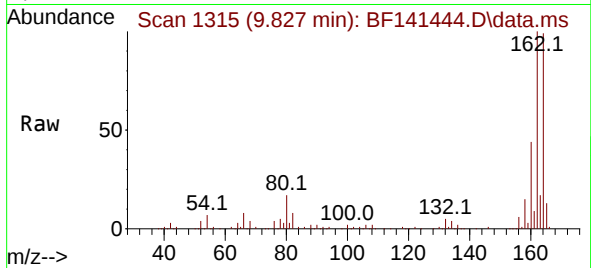
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

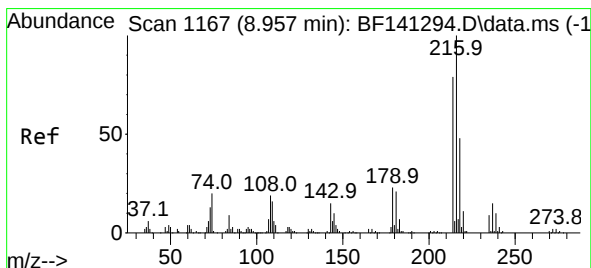
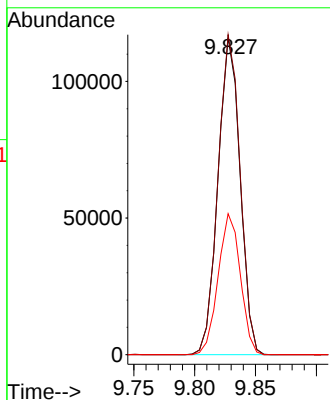
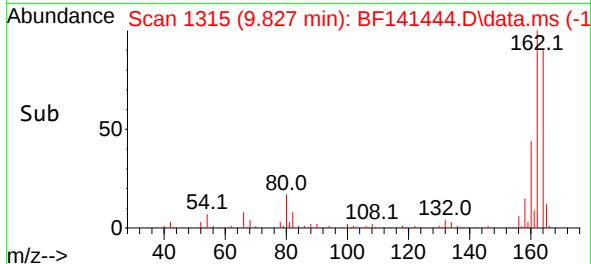


Tgt Ion:164 Resp: 146640
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.5 35.8 53.6

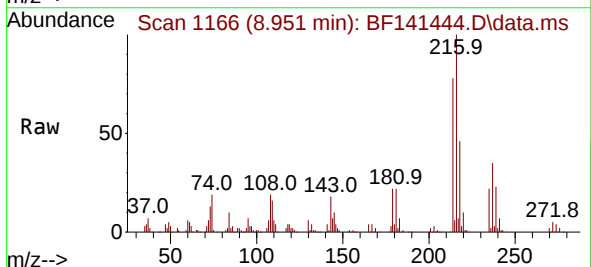
Manual Integrations
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Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

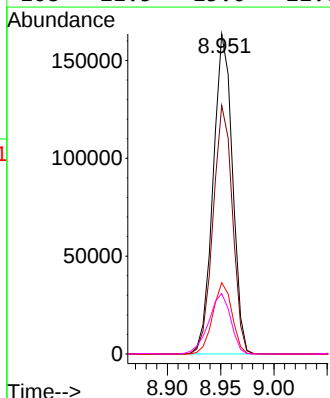
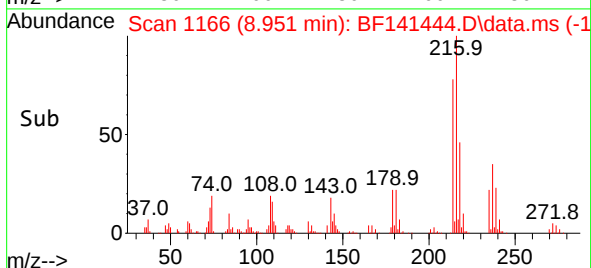
Supervised By :mohammad
ahmed
02/06/2025

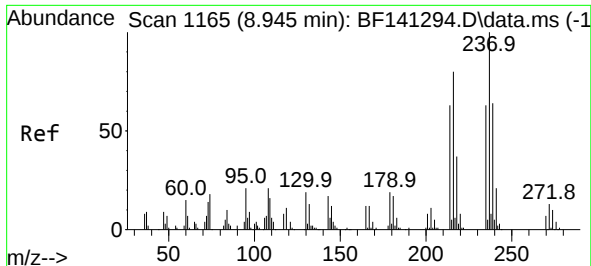


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.393 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



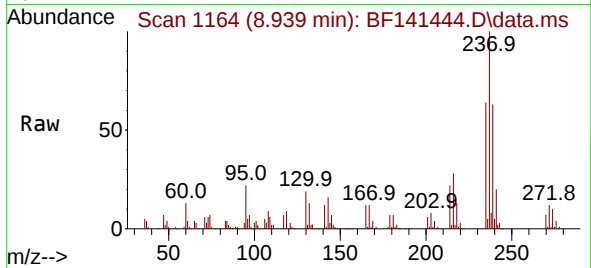
Tgt Ion:216 Resp: 206053
Ion Ratio Lower Upper
216 100
214 77.8 63.2 94.8
179 22.2 17.8 26.8
108 21.5 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 187.215 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

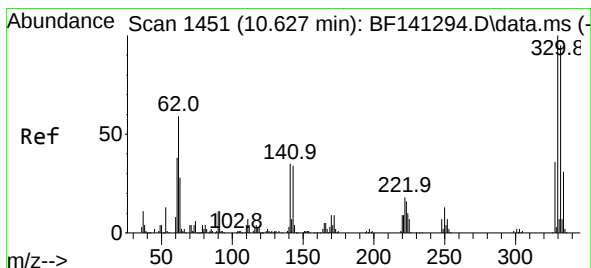
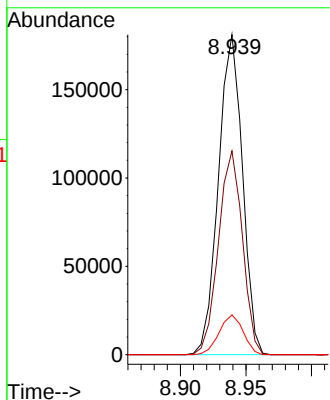
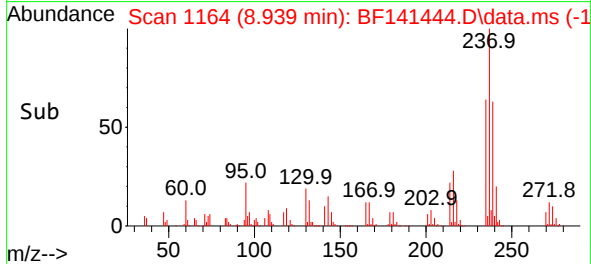


Tgt Ion:237 Resp: 23065
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 12.5 0.0 32.8

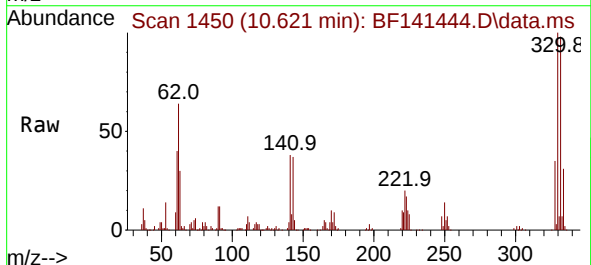
Manual Integrations
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Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

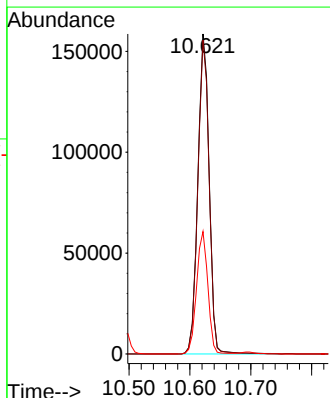
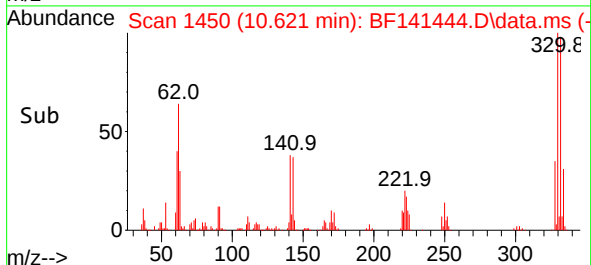
Supervised By :mohammad
ahmed
02/06/2025



#42
2,4,6-Tribromophenol
Concen: 152.929 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:330 Resp: 205590
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 38.1 28.8 43.2





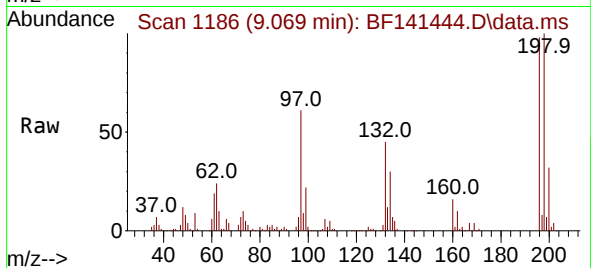
#43
2,4,6-Trichlorophenol
Concen: 44.774 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

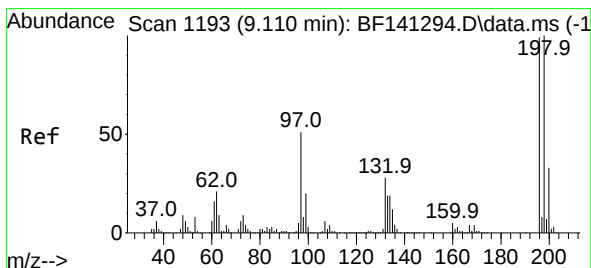
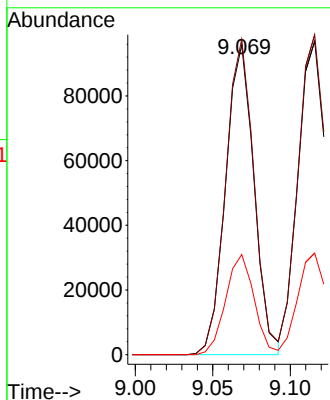


Tgt Ion:196 Resp: 12225
Ion Ratio Lower Upper
196 100
198 101.8 81.8 122.6
200 32.3 26.3 39.5

Manual Integrations
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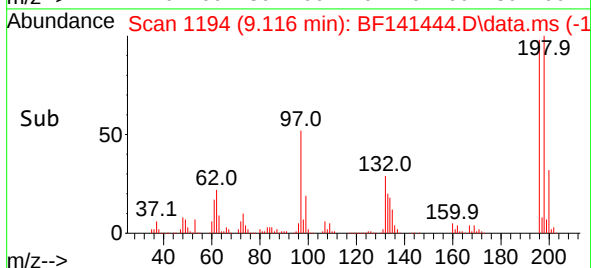
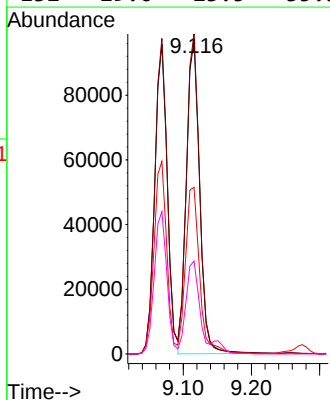
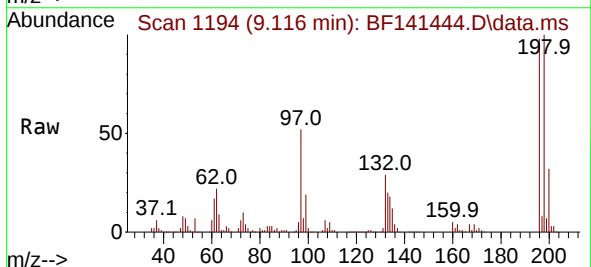
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

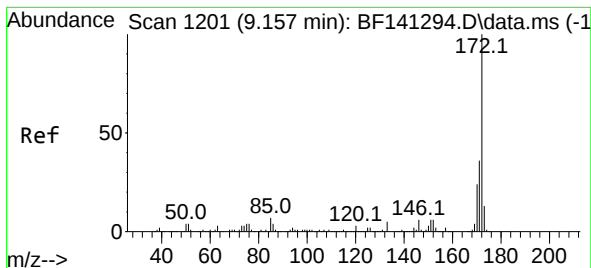
Supervised By :mohammad
ahmed
02/06/2025



#44
2,4,5-Trichlorophenol
Concen: 43.637 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:196 Resp: 129684
Ion Ratio Lower Upper
196 100
198 102.0 80.5 120.7
97 53.2 42.8 64.2
132 29.6 23.5 35.3





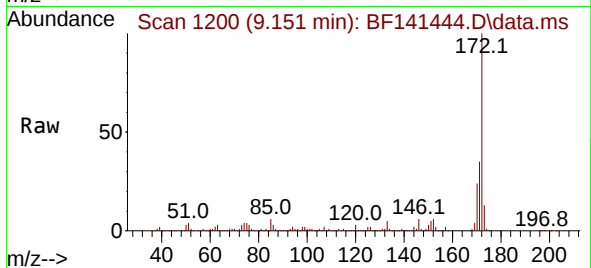
#45
2-Fluorobiphenyl
Concen: 95.084 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



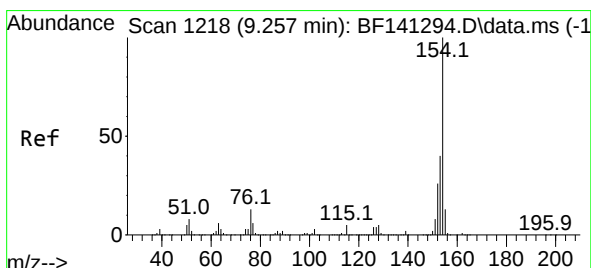
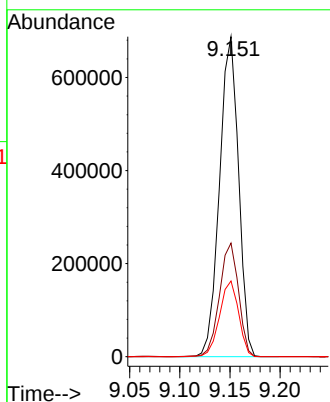
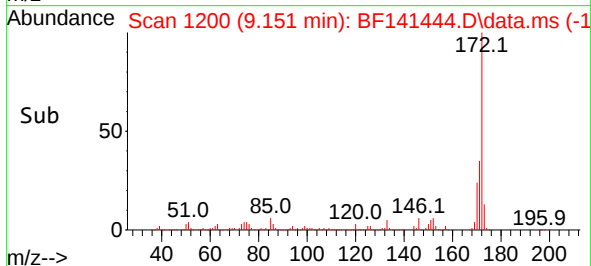
Tgt Ion:172 Resp: 905878
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 19.0 28.6

Manual Integrations

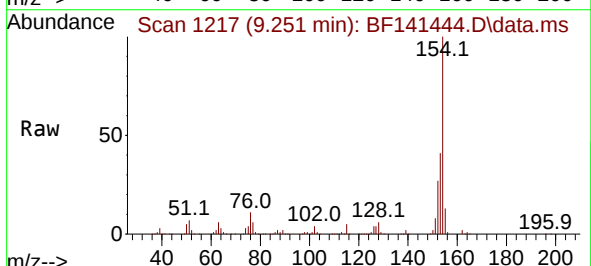
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

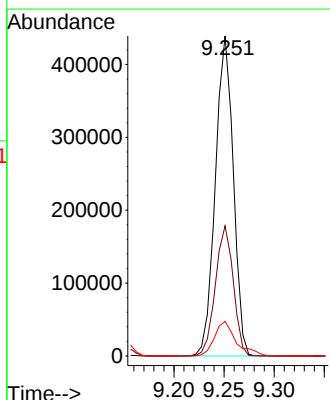
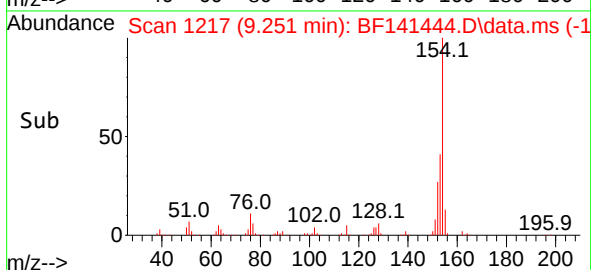
Supervised By :mohammad
ahmed
02/06/2025

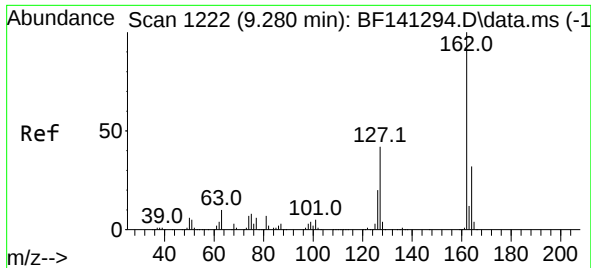


#46
1,1'-Biphenyl
Concen: 47.671 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:154 Resp: 545169
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 10.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.640 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

Tgt Ion:162 Resp: 371170

Ion Ratio Lower Upper

162 100

127 42.9 33.7 50.5

164 32.6 25.9 38.9

Manual Integrations

APPROVED

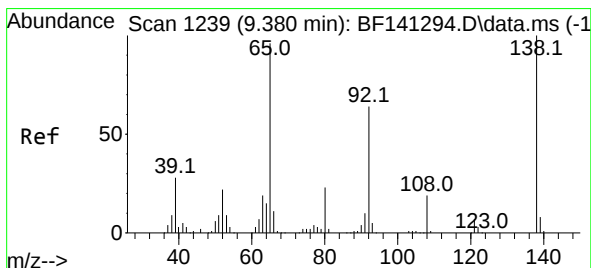
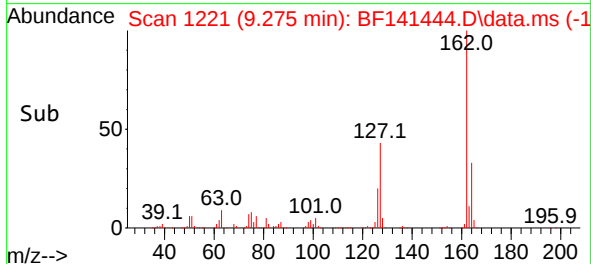
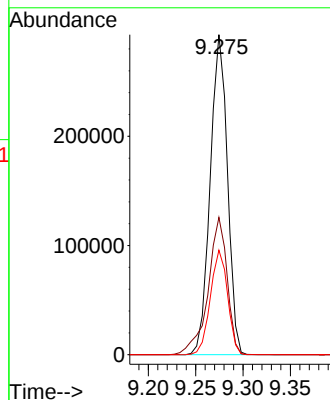
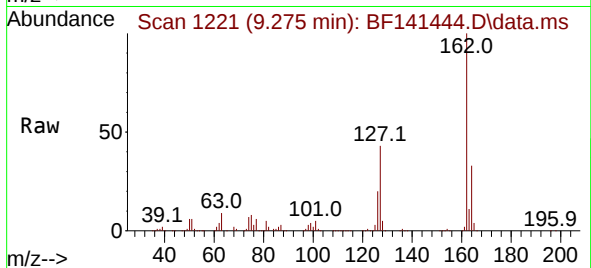
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad

ahmed

02/06/2025



#48

2-Nitroaniline

Concen: 45.114 ng

RT: 9.374 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

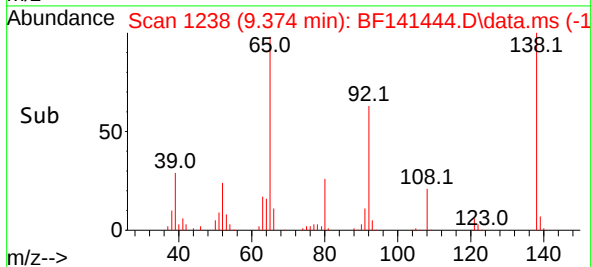
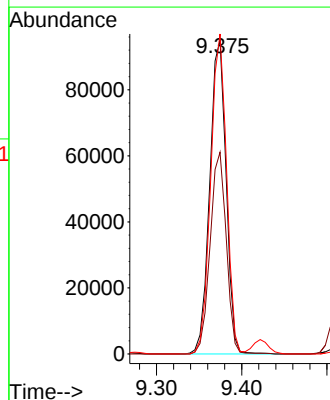
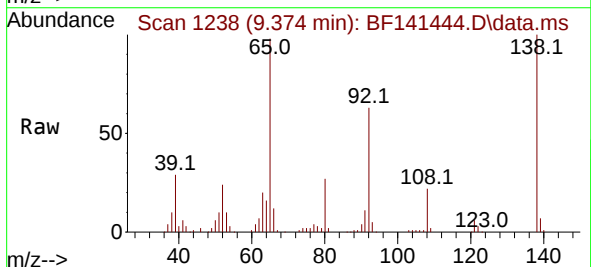
Tgt Ion: 65 Resp: 126490

Ion Ratio Lower Upper

65 100

92 64.3 53.3 79.9

138 102.0 83.6 125.4





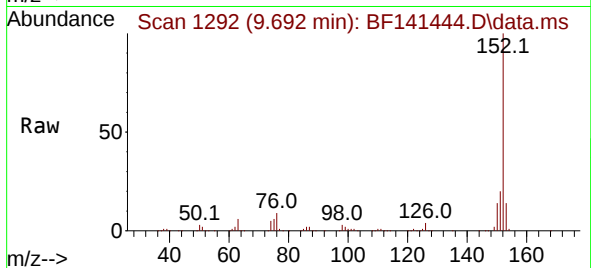
#49
Acenaphthylene
Concen: 46.017 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



Tgt Ion:152 Resp: 574189
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.7 11.0 16.6

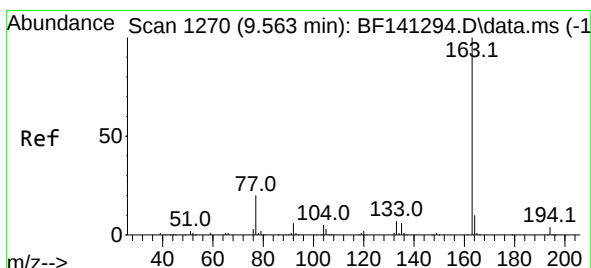
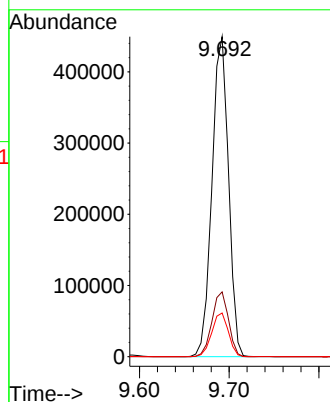
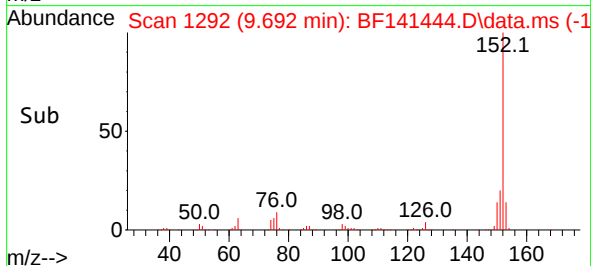
Manual Integrations

APPROVED

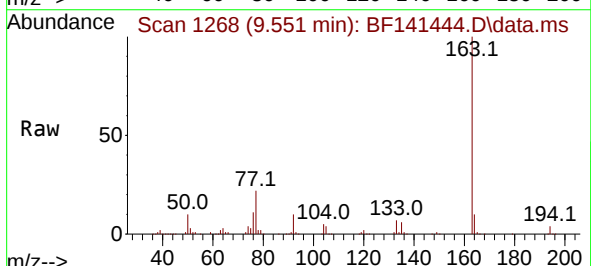
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

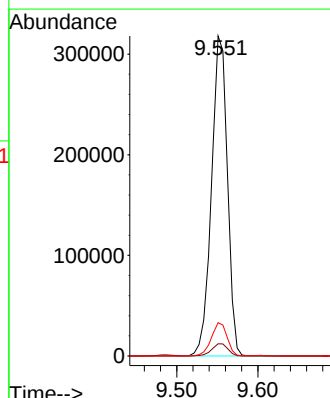
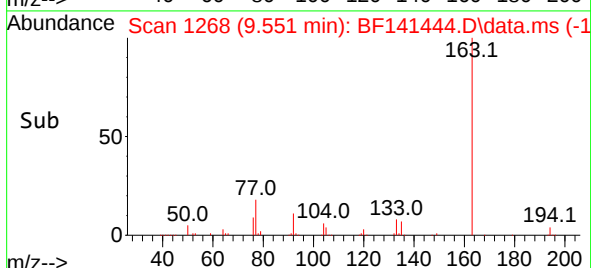
Supervised By :mohammad
ahmed
02/06/2025

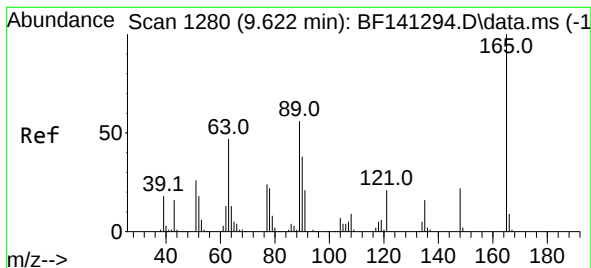


#50
Dimethylphthalate
Concen: 43.641 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:163 Resp: 432218
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.756 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

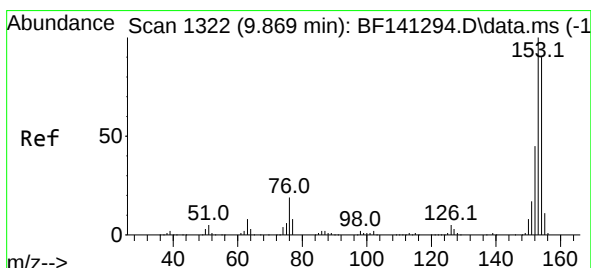
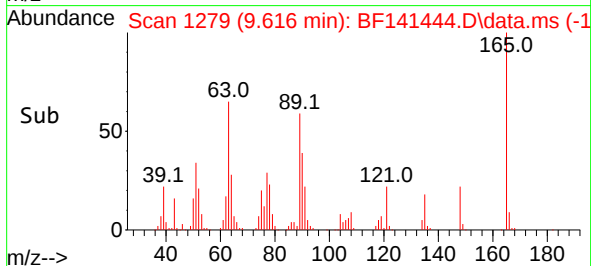
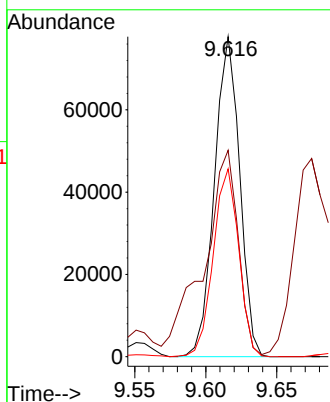
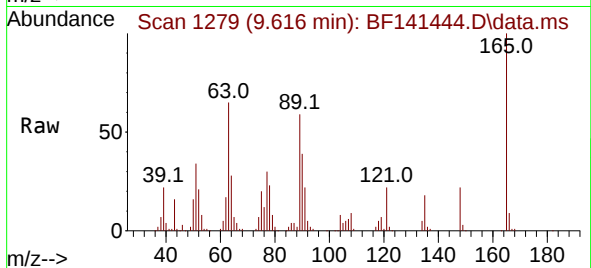
PB166525BS

Tgt Ion:165 Resp: 9602
Ion Ratio Lower Upper
165 100
63 64.5 48.1 72.1
89 58.7 44.9 67.3

Manual Integrations
APPROVED

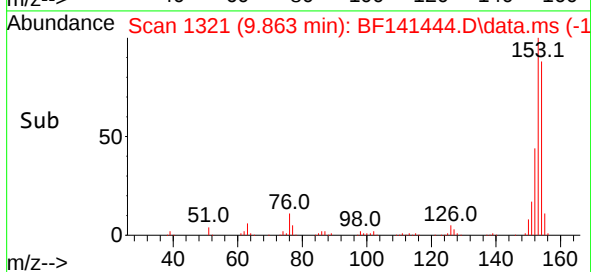
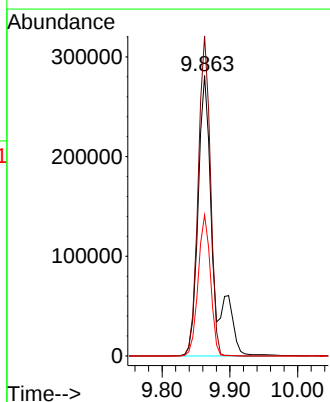
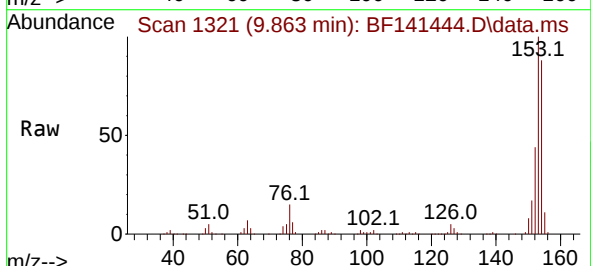
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

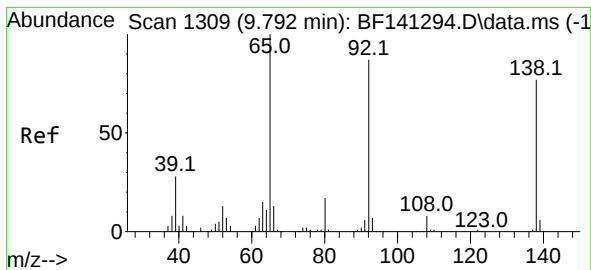
Supervised By :mohammad
ahmed
02/06/2025



#52
Acenaphthene
Concen: 49.177 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:154 Resp: 438375
Ion Ratio Lower Upper
154 100
153 114.2 89.0 133.4
152 50.3 40.2 60.4





#53
3-Nitroaniline
Concen: 22.242 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

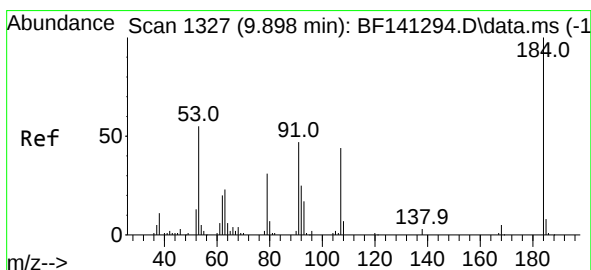
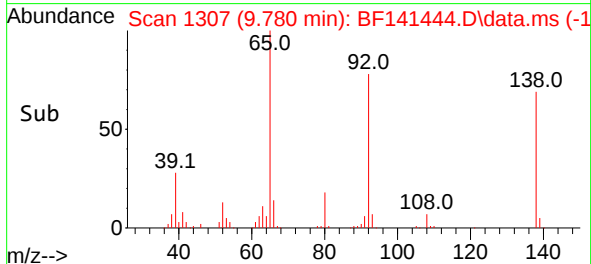
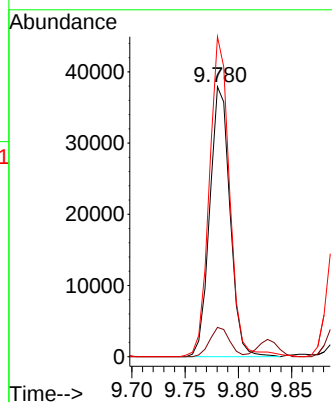
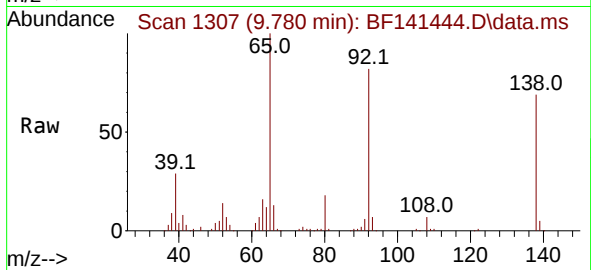
PB166525BS

Tgt Ion:138 Resp: 5013
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 118.5 91.0 136.6

Manual Integrations
APPROVED

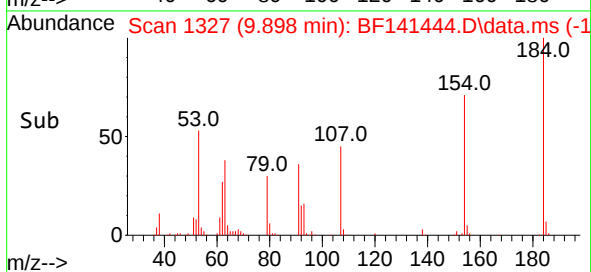
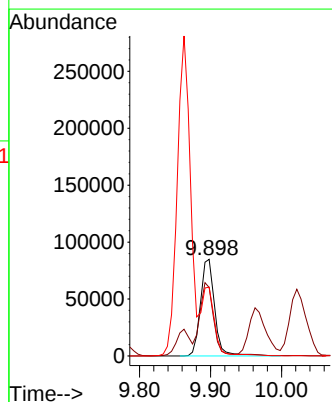
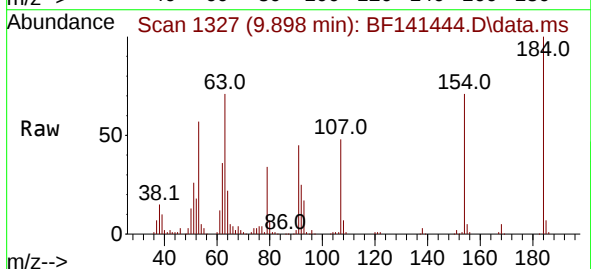
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

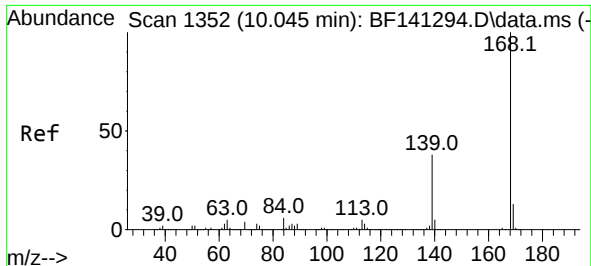
Supervised By :mohammad
ahmed
02/06/2025



#54
2,4-Dinitrophenol
Concen: 111.349 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

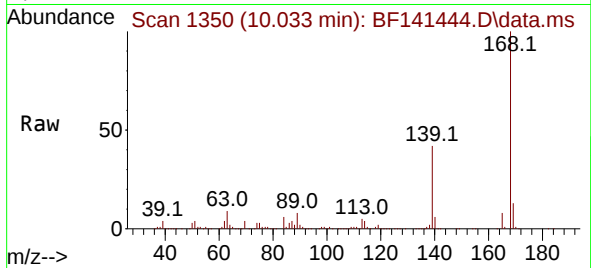
Tgt Ion:184 Resp: 119030
Ion Ratio Lower Upper
184 100
63 70.9 54.1 81.1
154 71.3 50.7 76.1





#55
Dibenzenofuran
Concen: 43.505 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

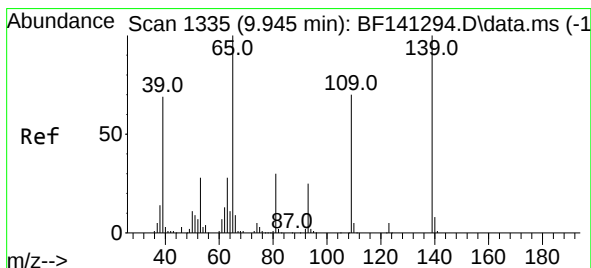
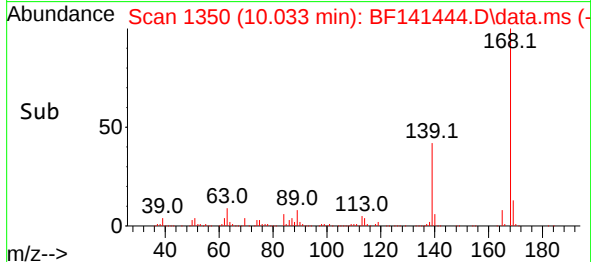
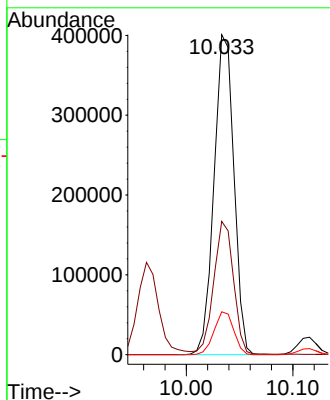


Tgt Ion:168 Resp: 519099
Ion Ratio Lower Upper
168 100
139 41.6 30.6 46.0
169 13.4 10.8 16.2

Manual Integrations
APPROVED

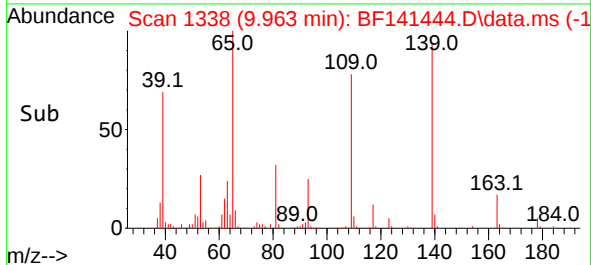
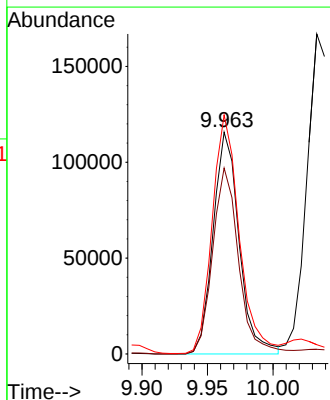
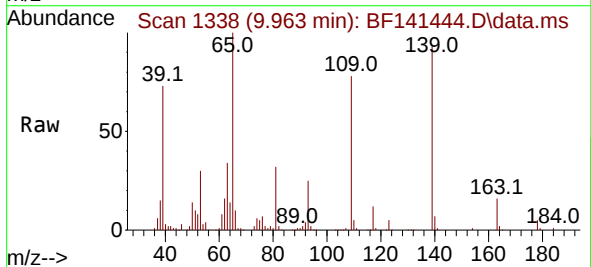
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

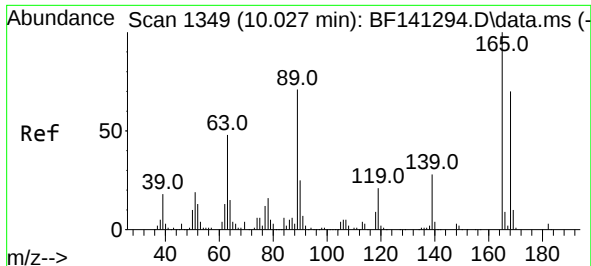
Supervised By :mohammad
ahmed
02/06/2025



#56
4-Nitrophenol
Concen: 96.643 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:139 Resp: 159299
Ion Ratio Lower Upper
139 100
109 83.9 50.2 90.2
65 107.8 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 46.069 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

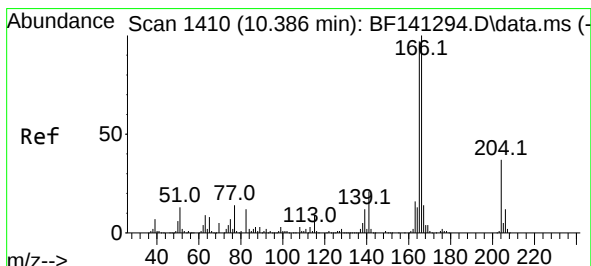
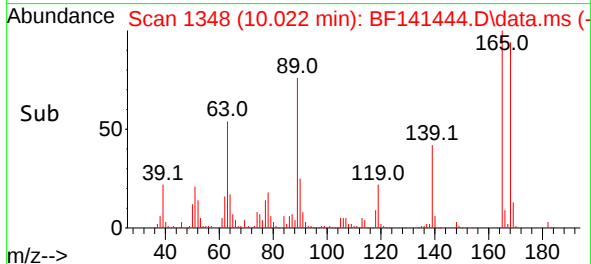
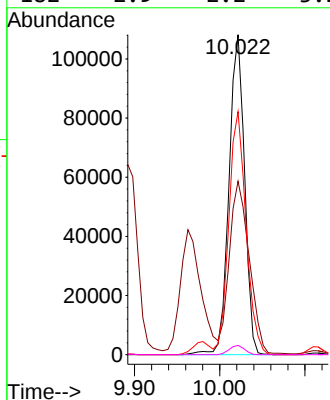
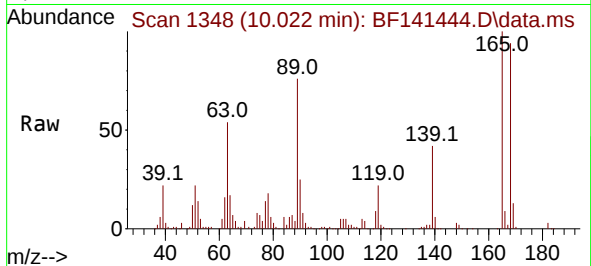
PB166525BS

Tgt Ion:165 Resp: 13716
Ion Ratio Lower Upper
165 100
63 54.2 39.2 58.8
89 75.9 56.9 85.3
182 2.9 2.2 3.2

Manual Integrations
APPROVED

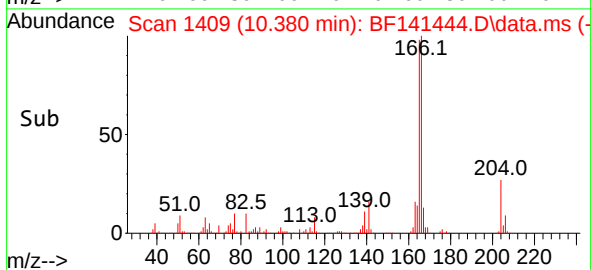
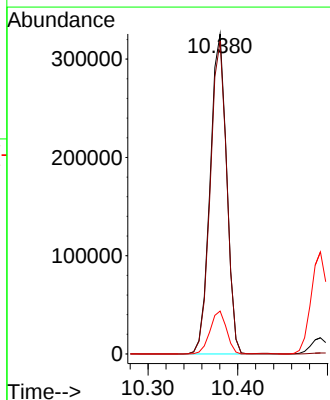
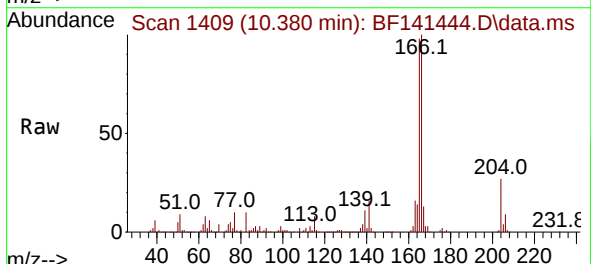
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

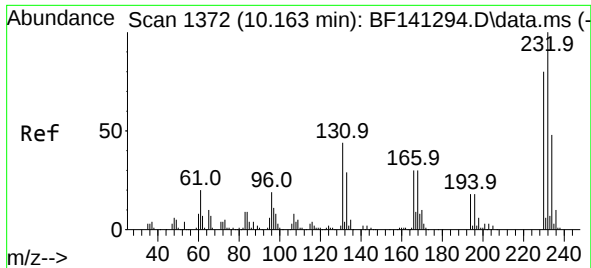
Supervised By :mohammad
ahmed
02/06/2025



#58
Fluorene
Concen: 44.845 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

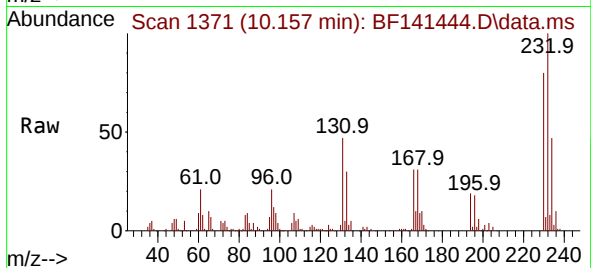
Tgt Ion:166 Resp: 415063
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.763 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

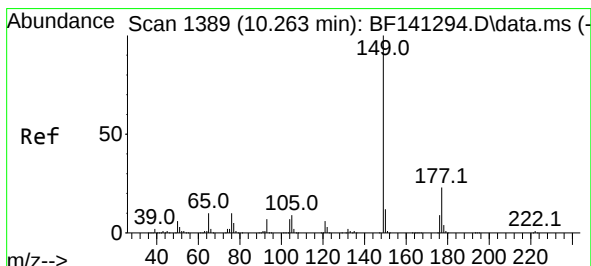
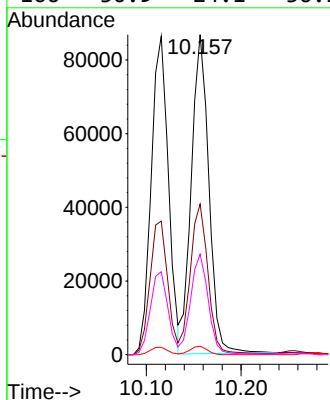
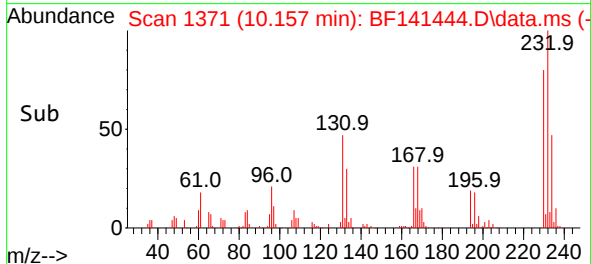


Tgt Ion:232 Resp: 11167
Ion Ratio Lower Upper
232 100
131 48.3 36.4 54.6
130 2.6 1.9 2.9
166 30.9 24.1 36.1

Manual Integrations
APPROVED

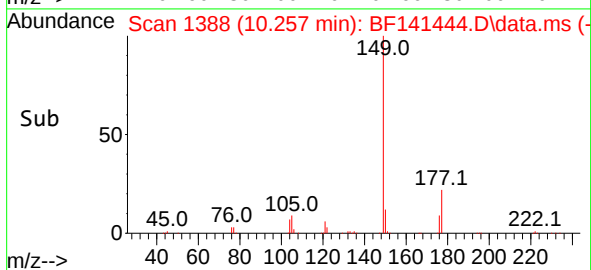
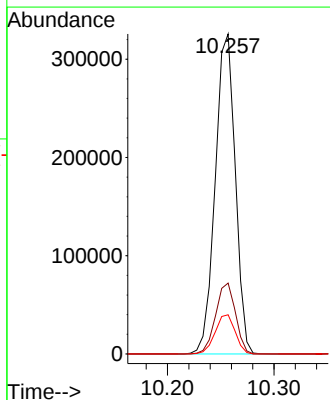
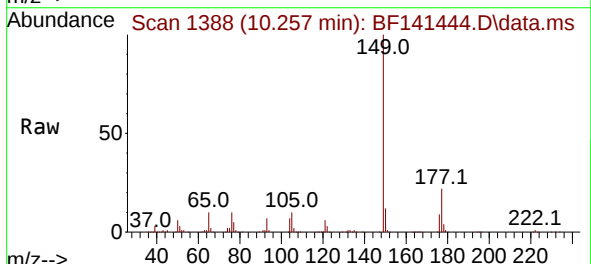
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

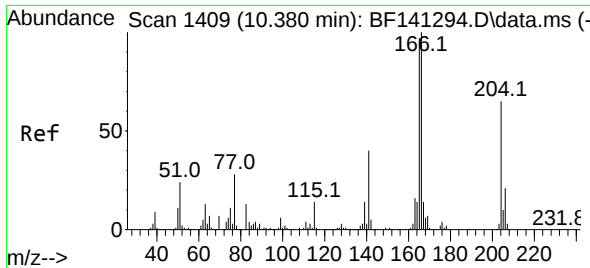
Supervised By :mohammad
ahmed
02/06/2025



#60
Diethylphthalate
Concen: 44.185 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:149 Resp: 424308
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.2 10.0 15.0





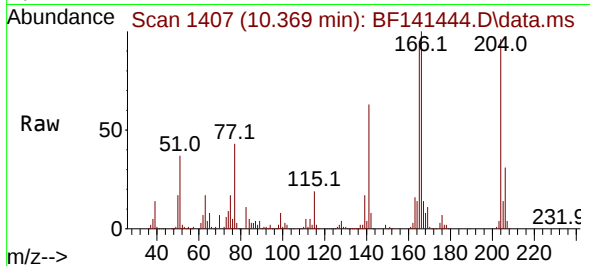
#61
4-Chlorophenyl-phenylether
Concen: 44.315 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

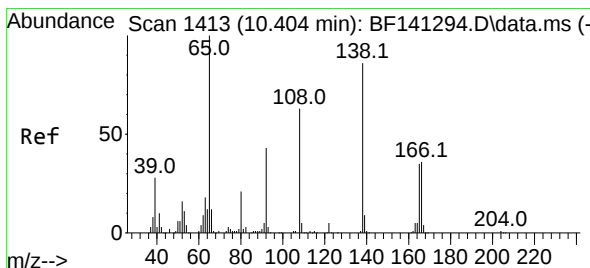
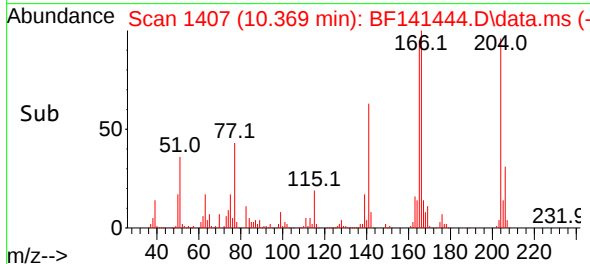
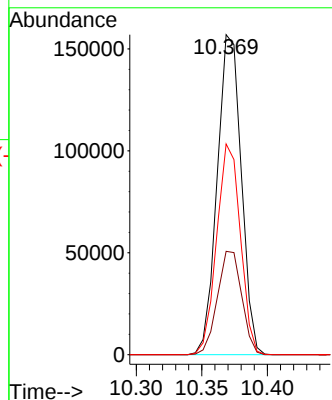


Tgt Ion:204 Resp: 200349
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 65.9 49.5 74.3

Manual Integrations
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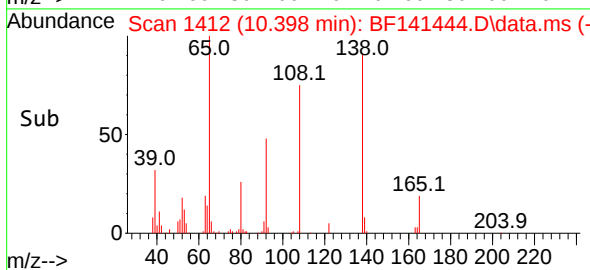
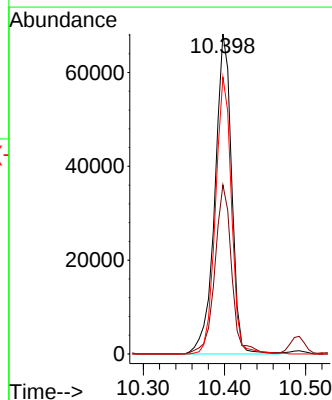
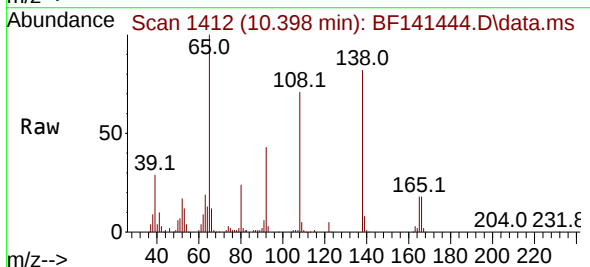
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

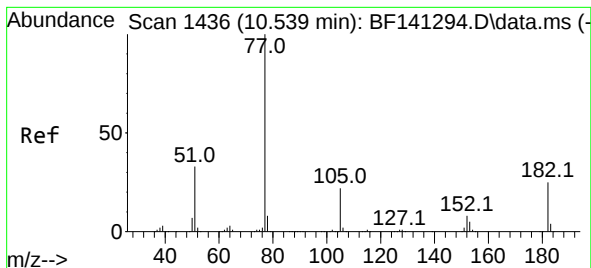
Supervised By :mohammad
ahmed
02/06/2025



#62
4-Nitroaniline
Concen: 44.107 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:138 Resp: 97735
Ion Ratio Lower Upper
138 100
92 52.8 30.1 70.1
108 86.6 53.1 93.1





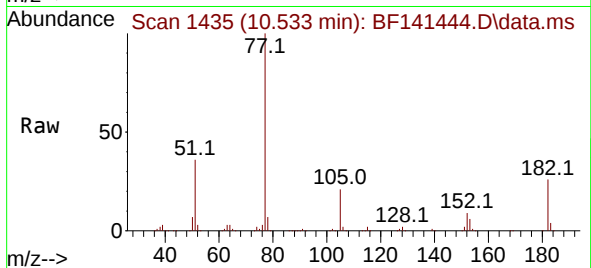
#63
Azobenzene
Concen: 42.755 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



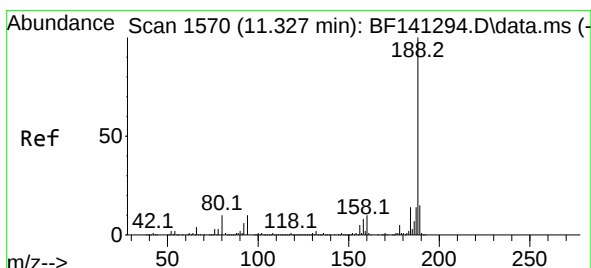
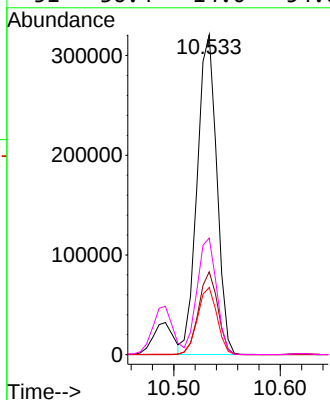
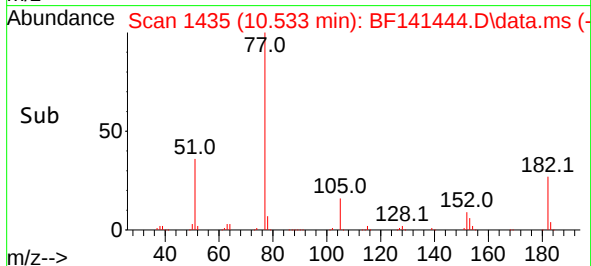
Tgt Ion: 77 Resp: 410979
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 21.0 1.8 41.8
51 36.4 14.0 54.0

Manual Integrations

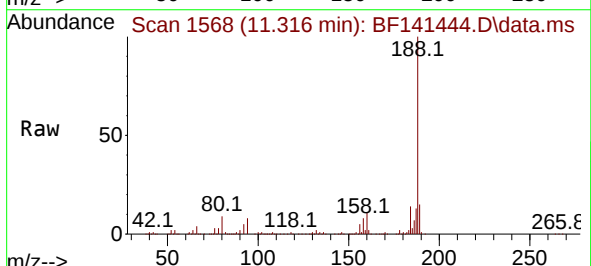
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

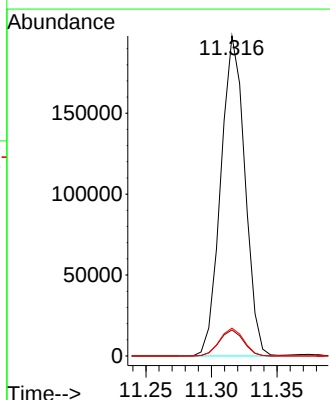
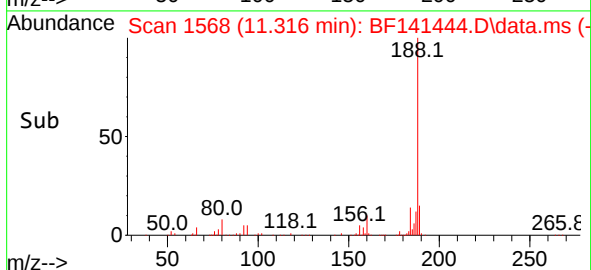
Supervised By :mohammad
ahmed
02/06/2025

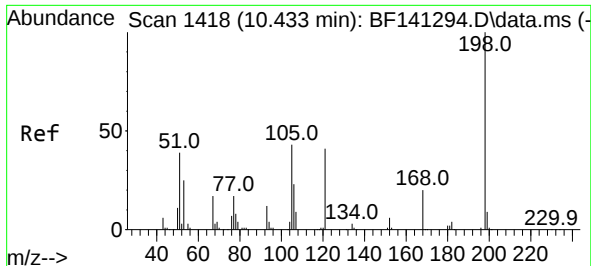


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:188 Resp: 253006
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.7 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.471 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

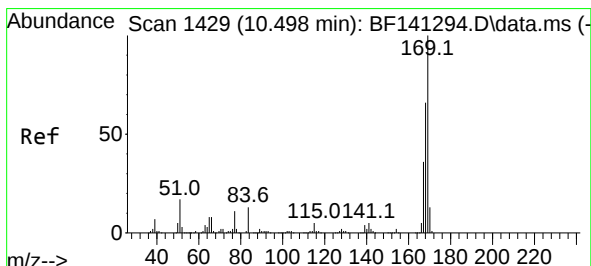
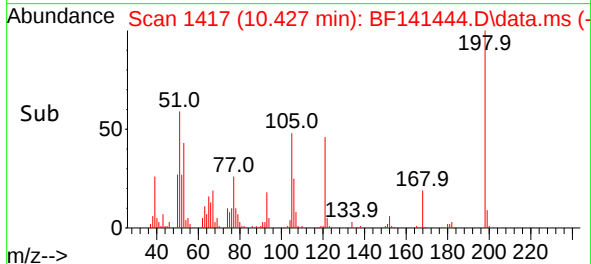
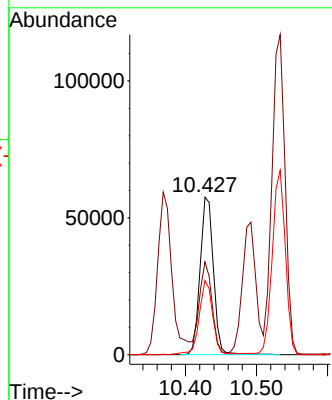
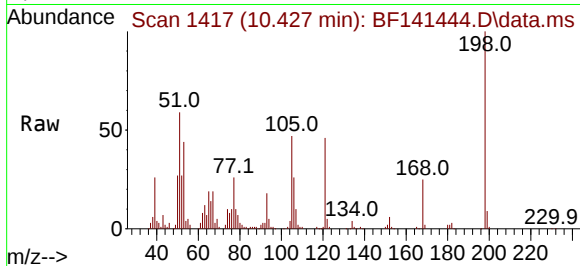
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:198 Resp: 7553
Ion Ratio Lower Upper
198 100
51 59.0 33.4 73.4
105 47.1 24.4 64.4

Manual Integrations
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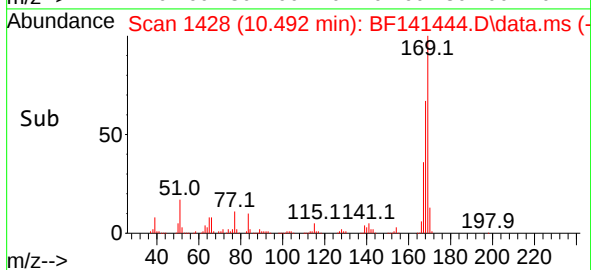
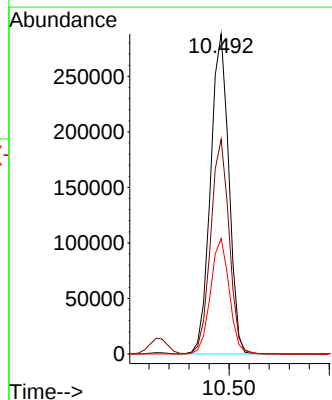
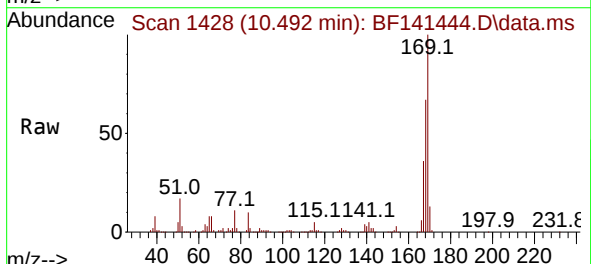
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

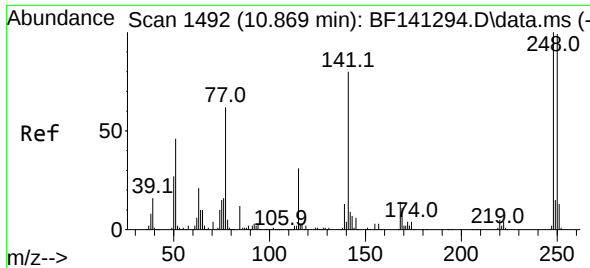
Supervised By :mohammad
ahmed
02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 44.650 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:169 Resp: 365376
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 36.0 28.8 43.2





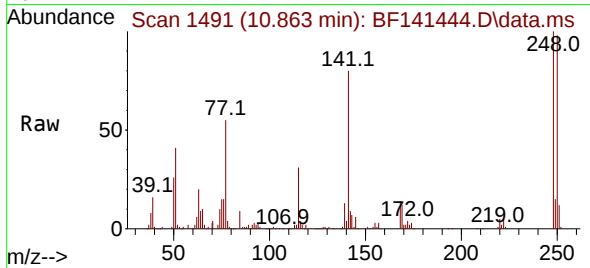
#67
4-Bromophenyl-phenylether
Concen: 43.276 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

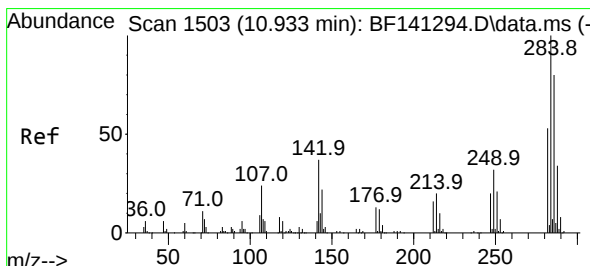
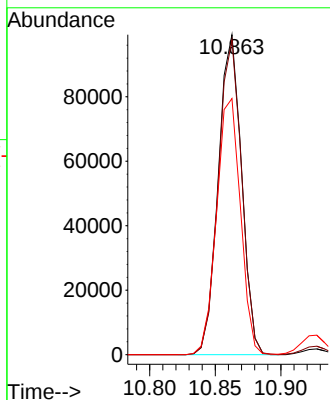
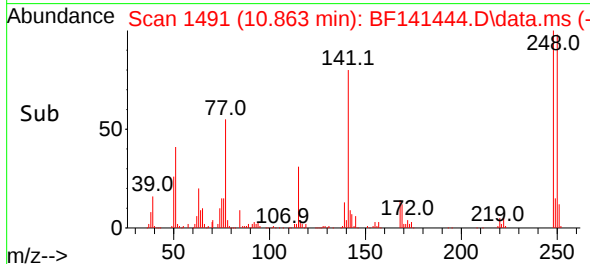


Tgt Ion:248 Resp: 122578
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 80.1 63.7 95.5

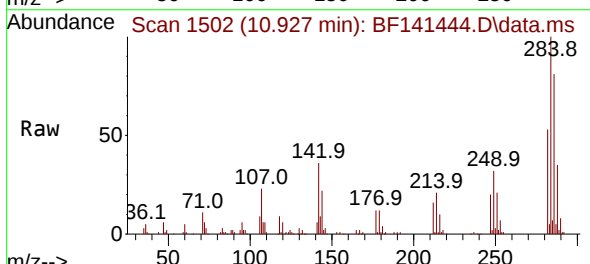
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

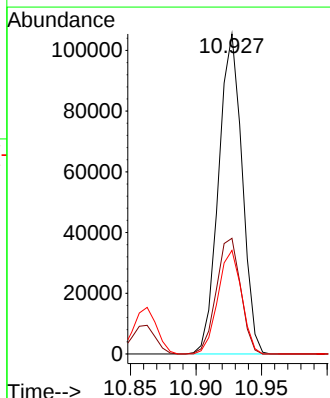
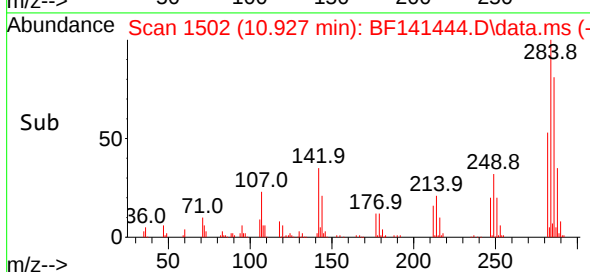
Supervised By :mohammad
ahmed
02/06/2025



#68
Hexachlorobenzene
Concen: 43.783 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:284 Resp: 131549
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 32.3 25.4 38.2





#69

Atrazine

Concen: 51.951 ng

RT: 11.021 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141444.D

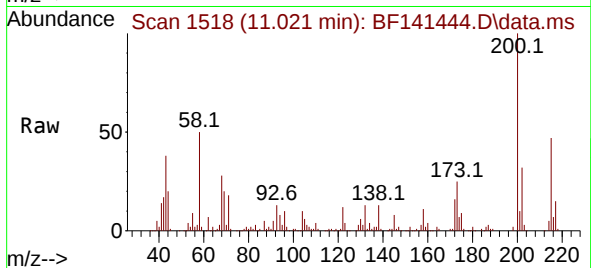
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



Tgt Ion:200 Resp: 142140

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.9	45.9
215	46.6	25.2	65.2

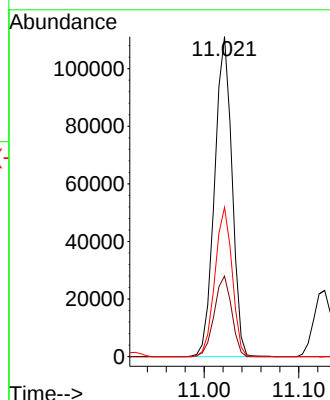
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
ahmed
02/06/2025



#70

Pentachlorophenol

Concen: 93.454 ng

RT: 11.127 min Scan# 1536

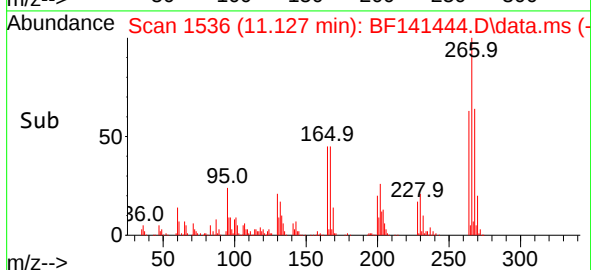
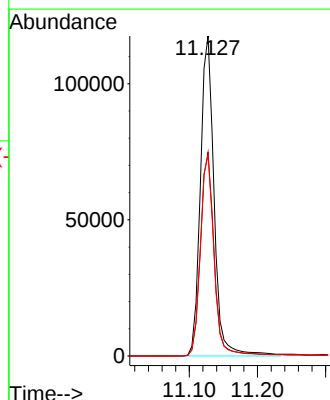
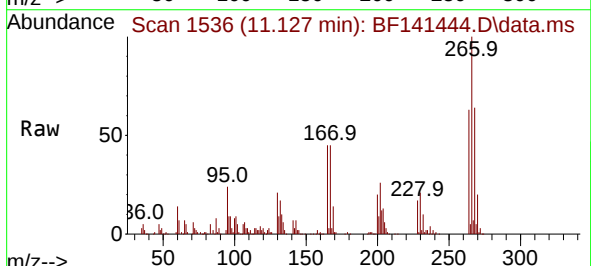
Delta R.T. -0.006 min

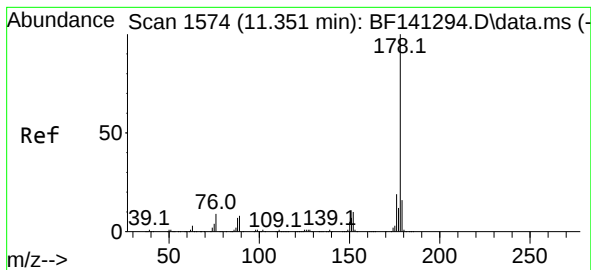
Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion:266 Resp: 164425

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.9	74.9
264	62.7	51.0	76.4





#71

Phenanthrene

Concen: 46.680 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

Tgt Ion:178 Resp: 634850

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.5 12.5 18.7

Manual Integrations

APPROVED

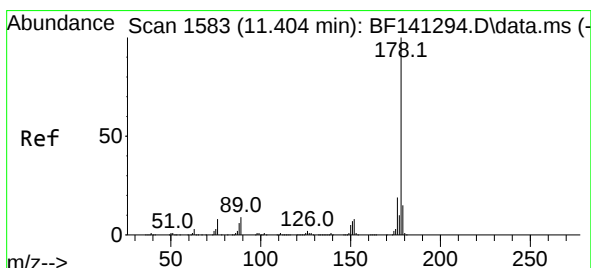
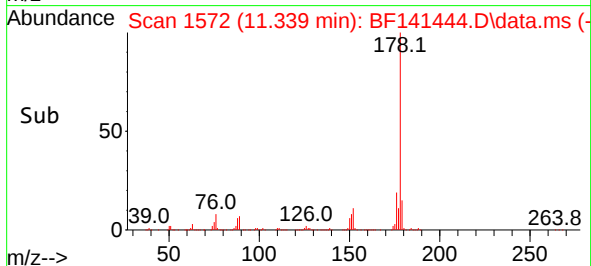
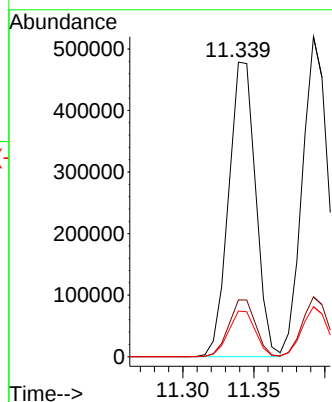
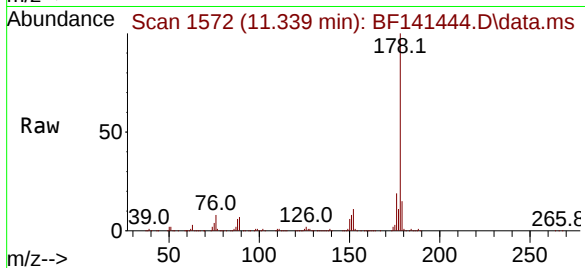
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad

ahmed

02/06/2025



#72

Anthracene

Concen: 48.852 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

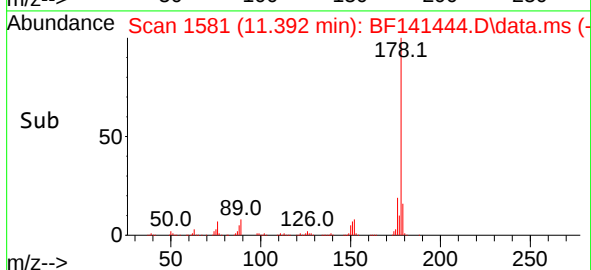
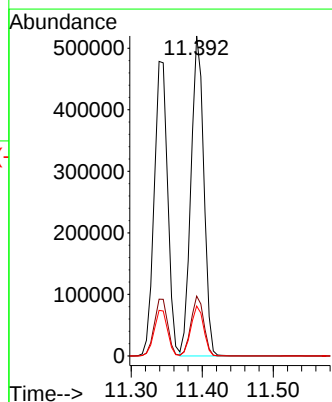
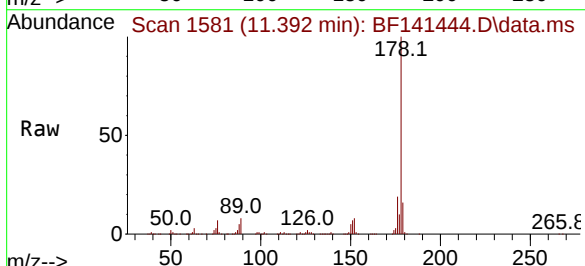
Tgt Ion:178 Resp: 650983

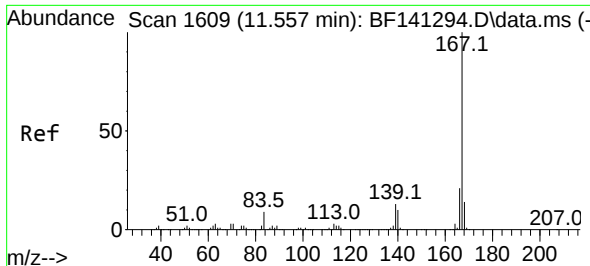
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

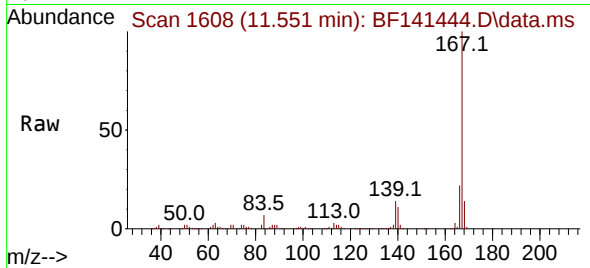
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 47.370 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BS

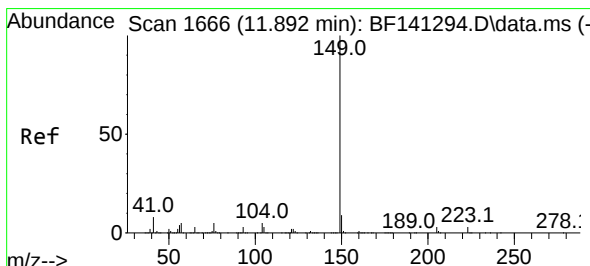
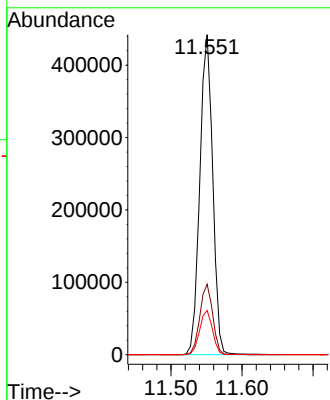
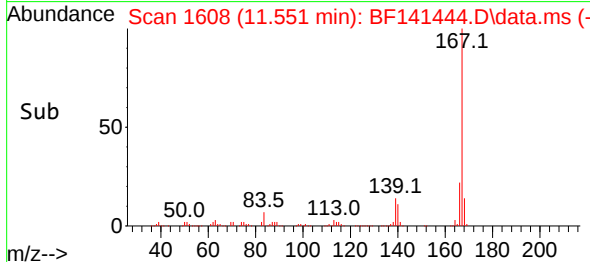


Tgt Ion:167 Resp: 559730
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.8 10.6 16.0

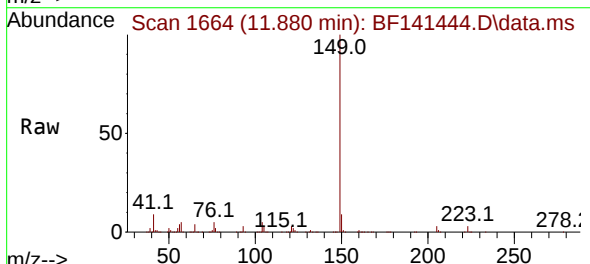
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

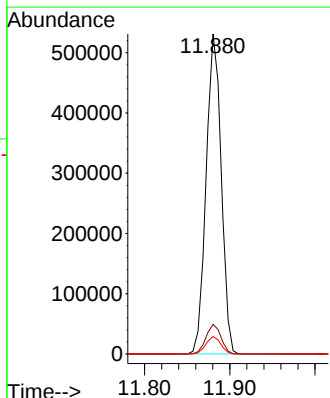
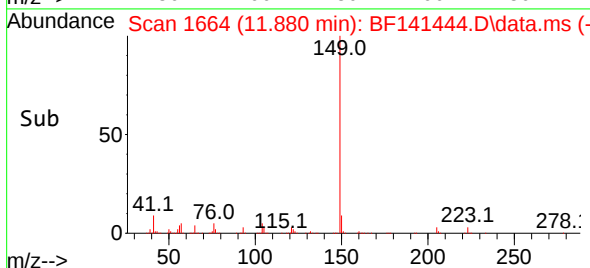
Supervised By :mohammad
 ahmed
 02/06/2025

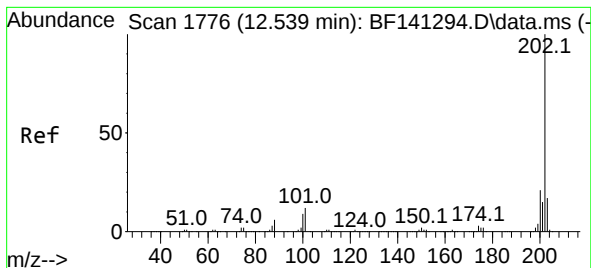


#74
 Di-n-butylphthalate
 Concen: 45.576 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58



Tgt Ion:149 Resp: 652645
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 3.9 5.9





#75

Fluoranthene

Concen: 49.790 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

Tgt Ion:	202	Resp:	66861
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	31.7
203	17.4	0.0	37.5

Manual Integrations

APPROVED

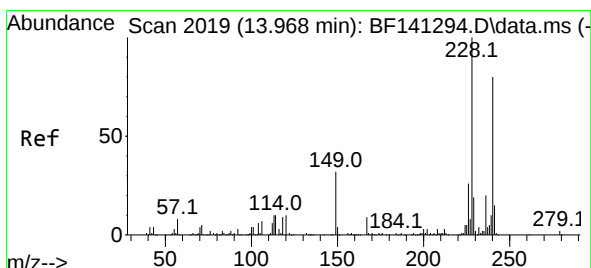
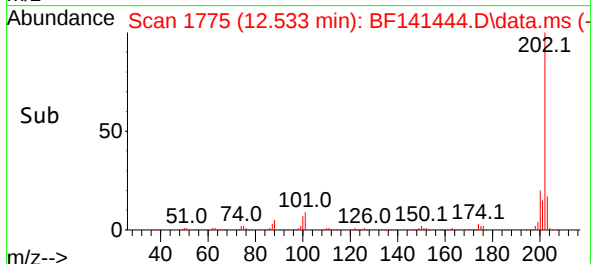
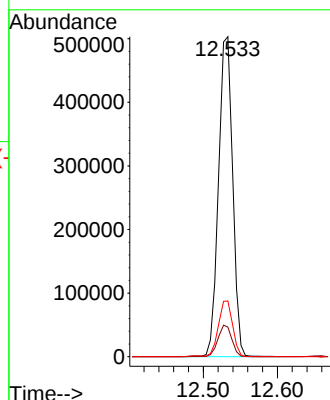
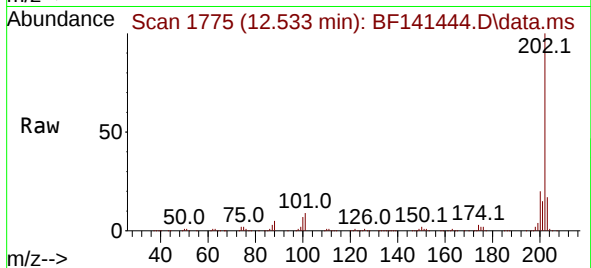
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad

ahmed

02/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

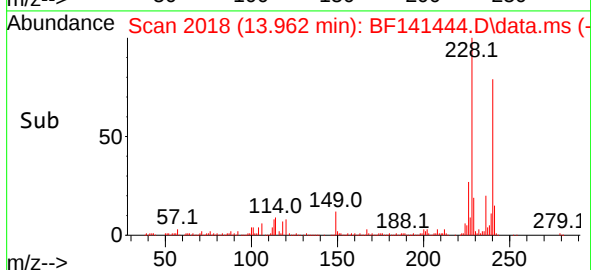
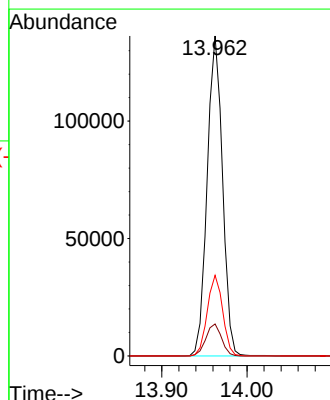
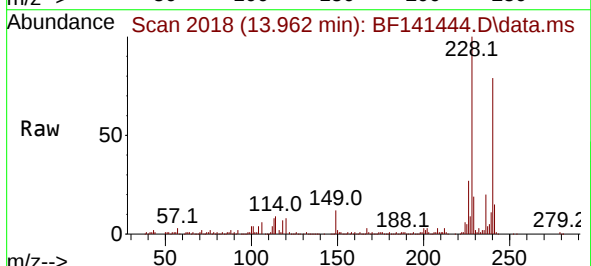
RT: 13.962 min Scan# 2018

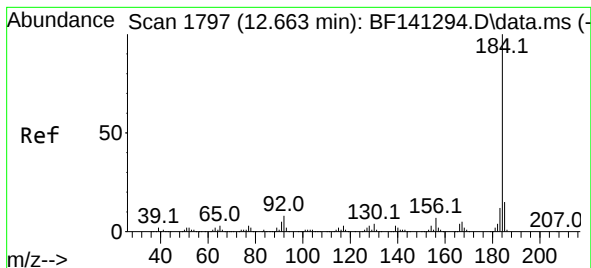
Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion:	240	Resp:	170069
Ion Ratio	Lower	Upper	
240	100		
120	10.0	10.0	15.0
236	25.2	19.7	29.5





#77

Benzidine

Concen: 41.169 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141444.D

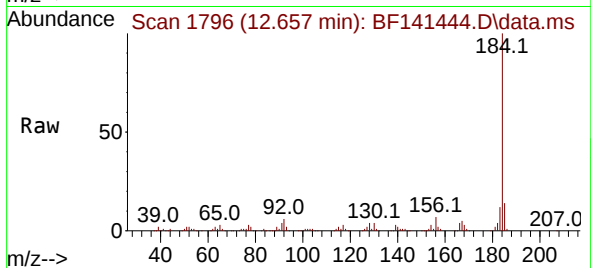
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



Tgt Ion:184 Resp: 22445

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 11.9 9.5 14.3

Manual Integrations

APPROVED

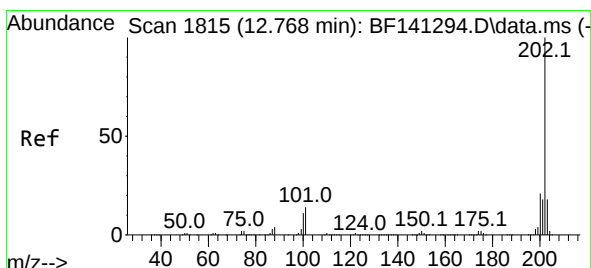
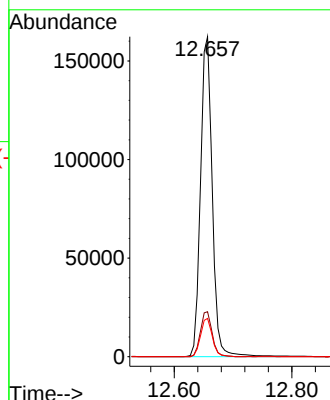
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad

ahmed

02/06/2025



#78

Pyrene

Concen: 41.793 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

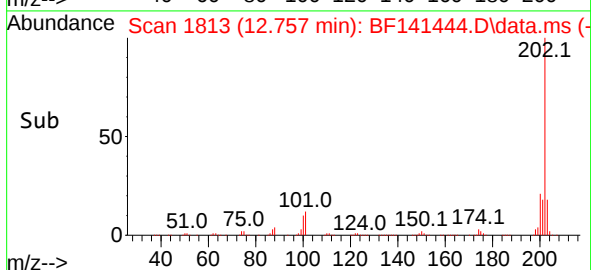
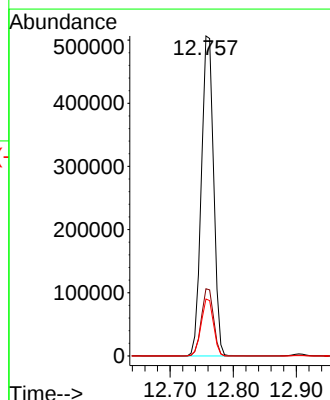
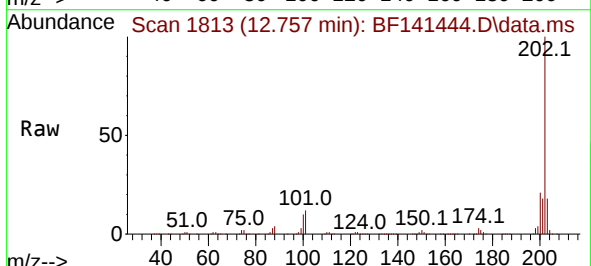
Tgt Ion:202 Resp: 682267

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

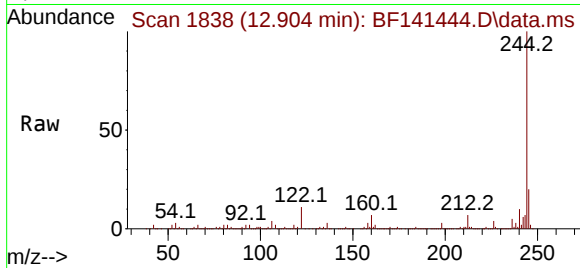
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 96.767 ng
 RT: 12.904 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BS

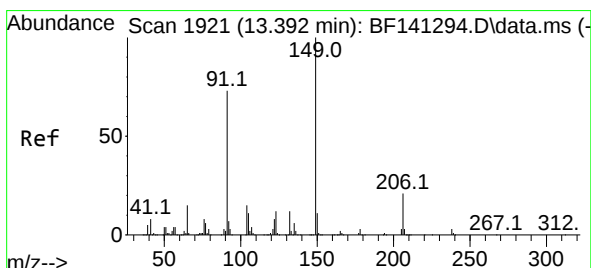
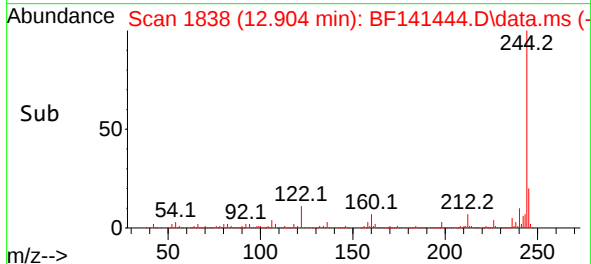
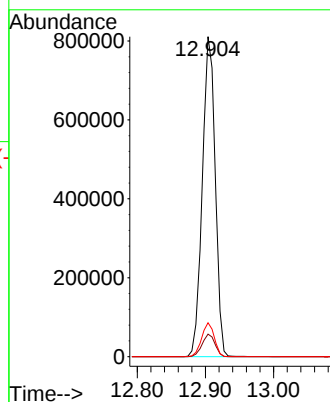


Tgt Ion:244 Resp: 106712
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.6 8.8 13.2

Manual Integrations
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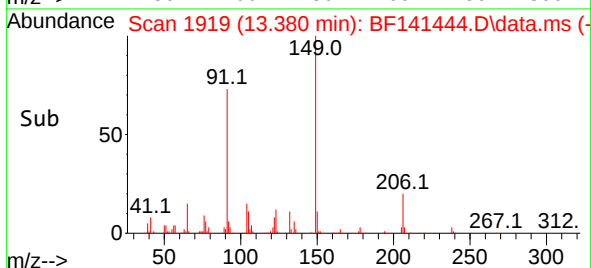
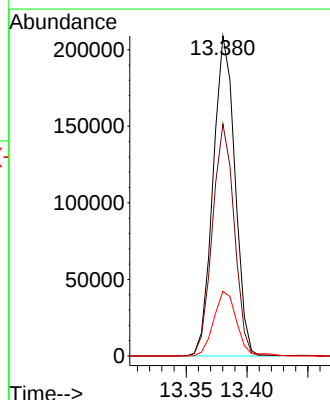
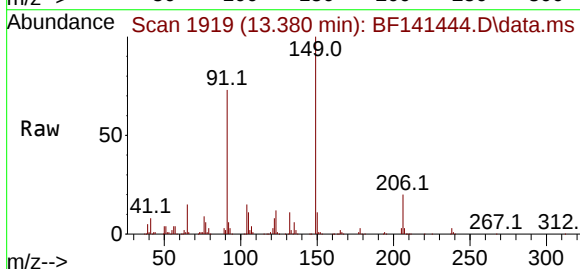
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

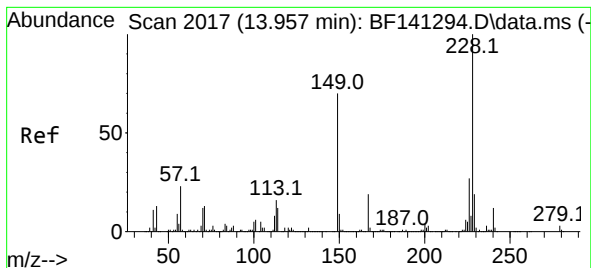
Supervised By :mohammad
 ahmed
 02/06/2025



#80
 Butylbenzylphthalate
 Concen: 45.864 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

Tgt Ion:149 Resp: 261575
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.6 87.8
 206 20.2 16.7 25.1





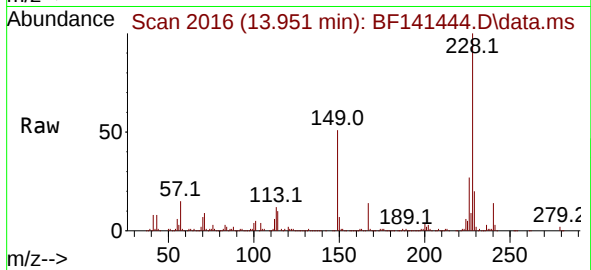
#81
Benzo(a)anthracene
Concen: 42.784 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

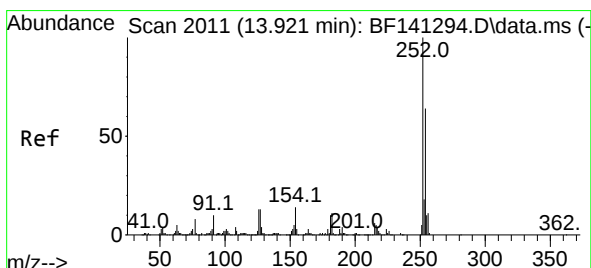
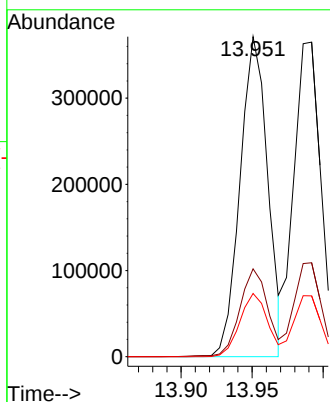
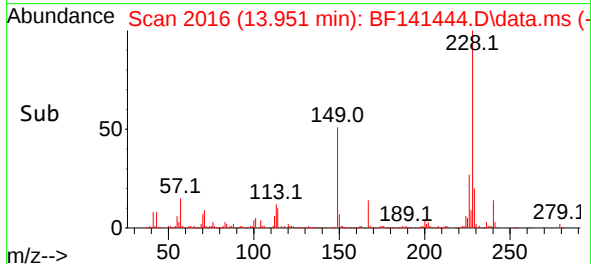


Tgt Ion:228 Resp: 50210
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.2
229 19.8 15.5 23.3

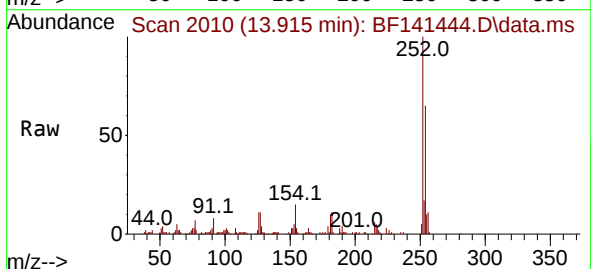
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Supervised By :mohammad ahmed 02/06/2025

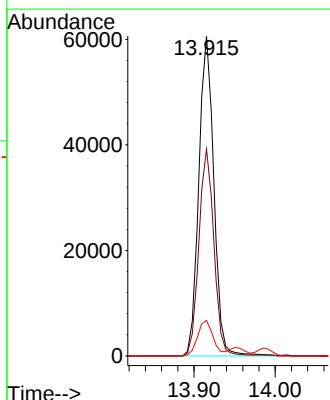
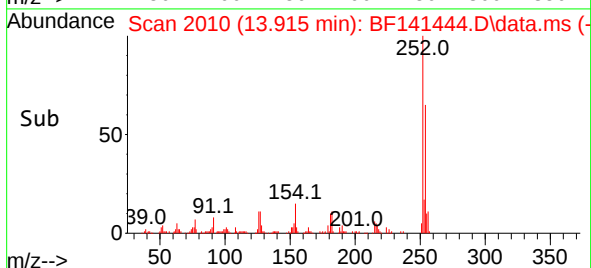
Supervised By :mohammad
ahmed
02/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.955 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:252 Resp: 78216
Ion Ratio Lower Upper
252 100
254 64.6 51.3 76.9
126 11.1 10.0 15.0





#83

Chrysene

Concen: 44.759 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

Tgt Ion:228 Resp: 48140

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.4	15.6	23.4

Manual Integrations

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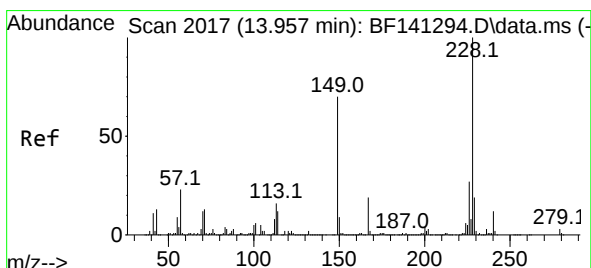
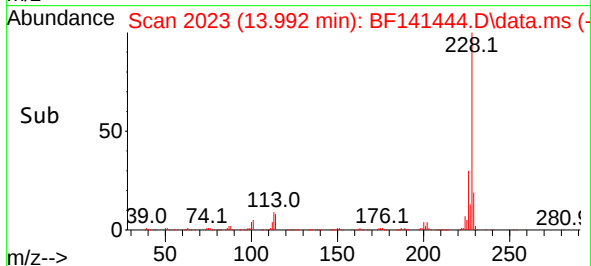
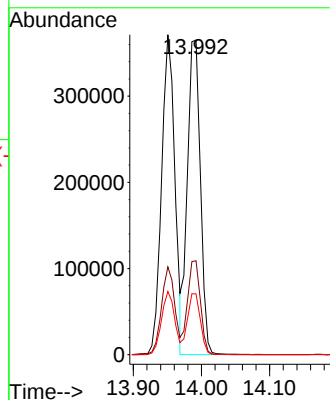
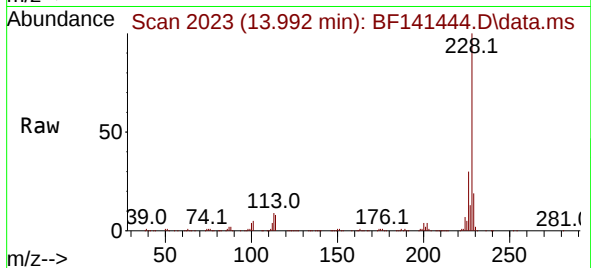
Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad

ahmed

02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.964 ng

RT: 13.945 min Scan# 2015

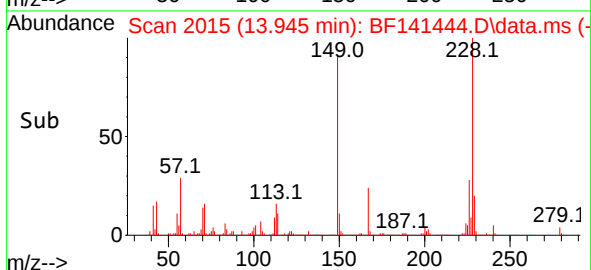
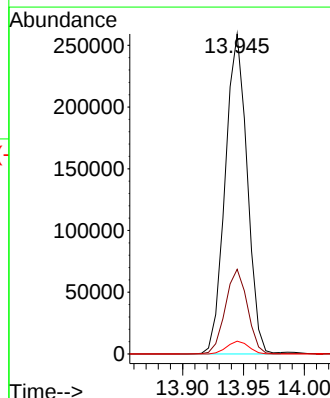
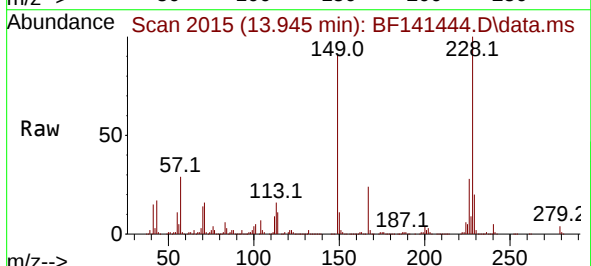
Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion:149 Resp: 325306

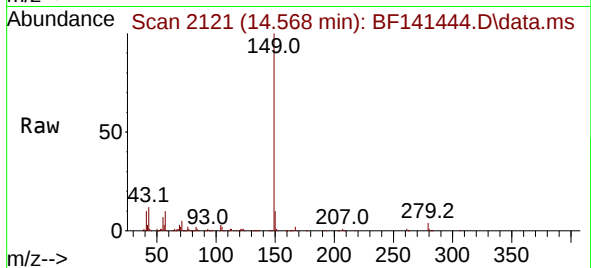
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	4.0	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 42.146 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

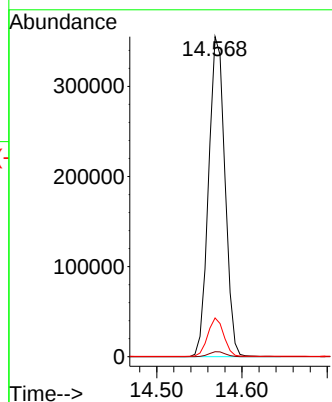
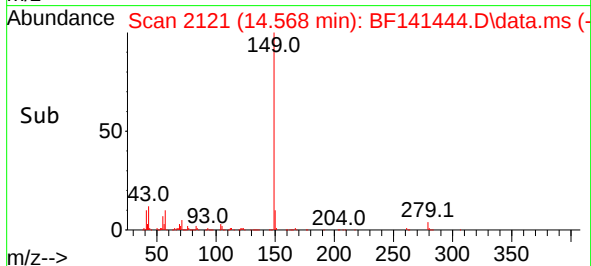
Instrument :
BNA_F
ClientSampleId :
PB166525BS



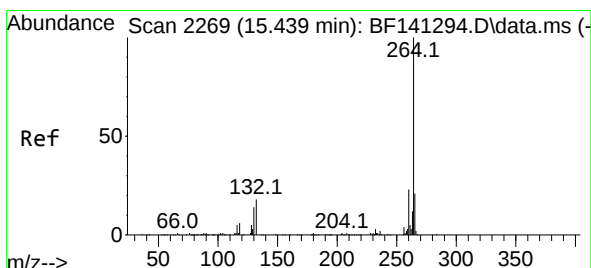
Tgt Ion:149 Resp: 473599
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.8 14.8

Manual Integrations
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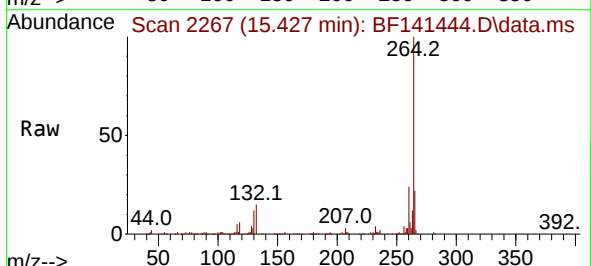
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



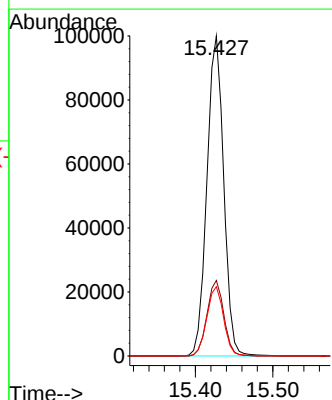
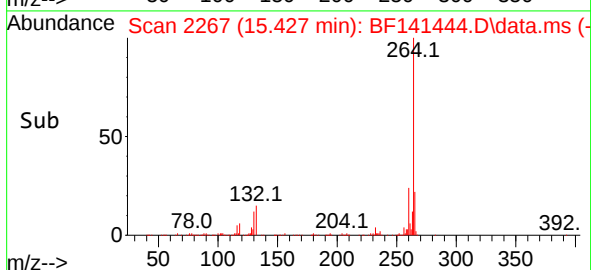
Supervised By :mohammad
ahmed
02/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:264 Resp: 150082
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.6 16.7 25.1





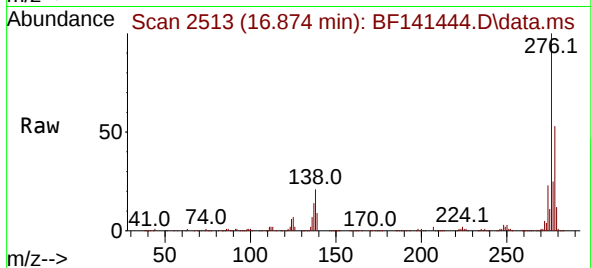
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.101 ng
RT: 16.874 min Scan# 2113
Delta R.T. -0.024 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



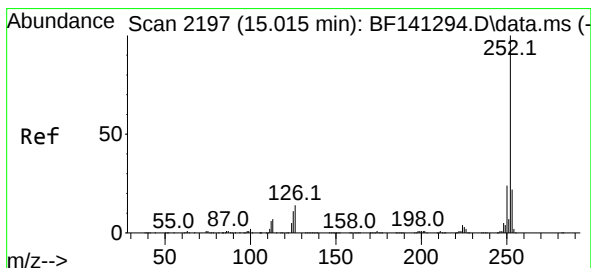
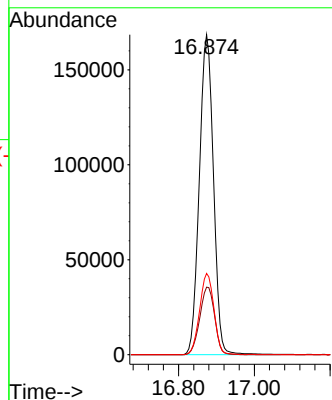
Tgt Ion:276 Resp: 43687
Ion Ratio Lower Upper
276 100
138 22.1 21.7 32.5
277 25.7 20.3 30.5

Manual Integrations

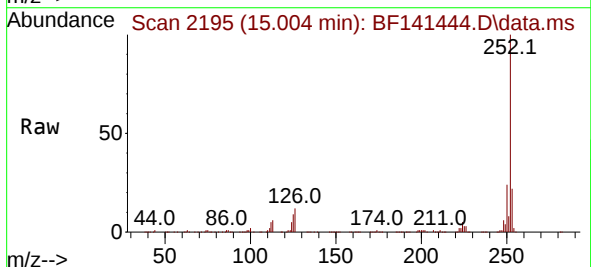
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Supervised By :mohammad ahmed 02/06/2025

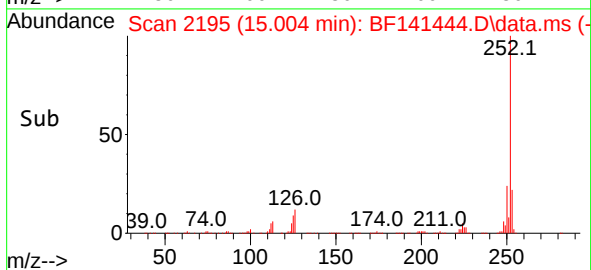
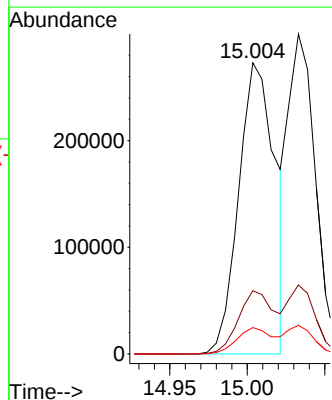
Supervised By :mohammad
ahmed
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#88
Benzo(b)fluoranthene
Concen: 47.191 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:252 Resp: 445506
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.1 8.6 12.8





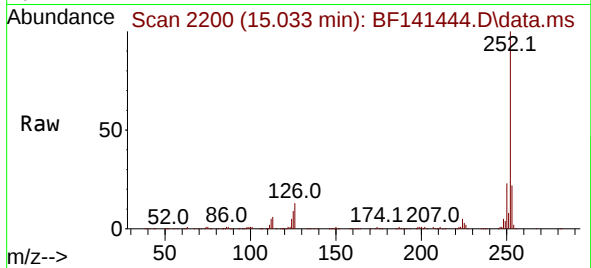
#89
Benzo(k)fluoranthene
Concen: 43.829 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS



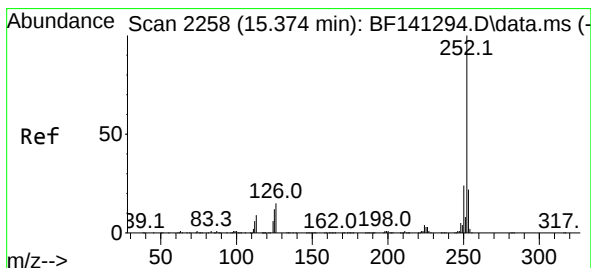
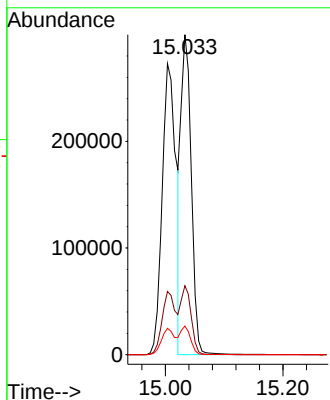
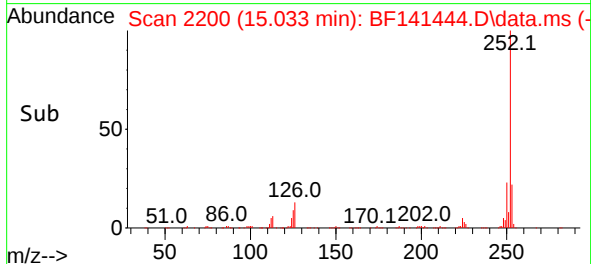
Tgt Ion:252 Resp: 36655
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.9 8.4 12.6

Manual Integrations

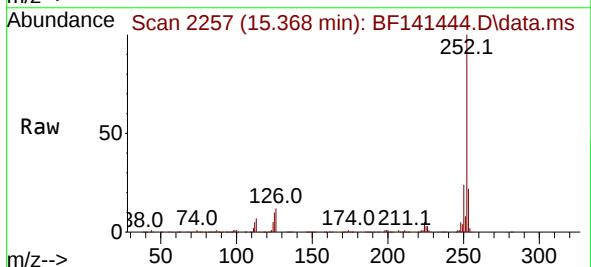
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Supervised By :mohammad ahmed 02/06/2025

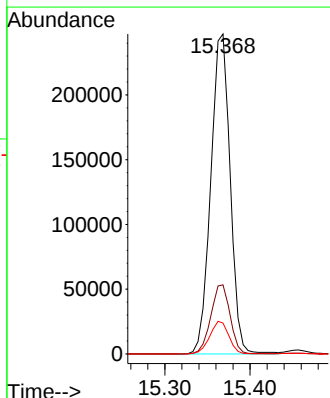
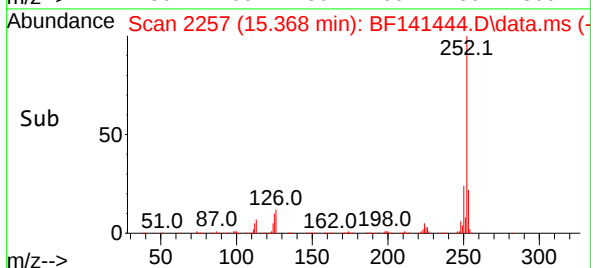
Supervised By :mohammad
ahmed
02/06/2025

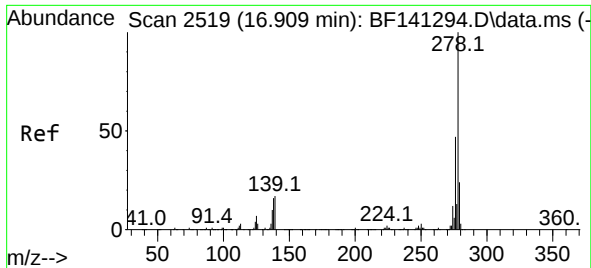


#90
Benzo(a)pyrene
Concen: 48.925 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58



Tgt Ion:252 Resp: 390312
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.7 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 45.207 ng
RT: 16.892 min Scan# 2519
Delta R.T. -0.030 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

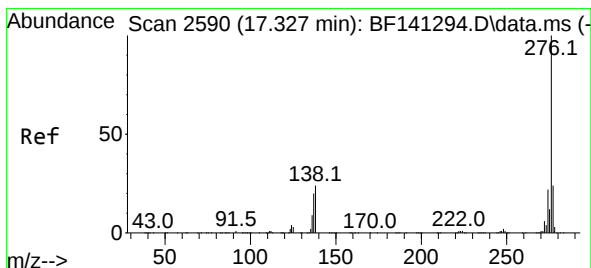
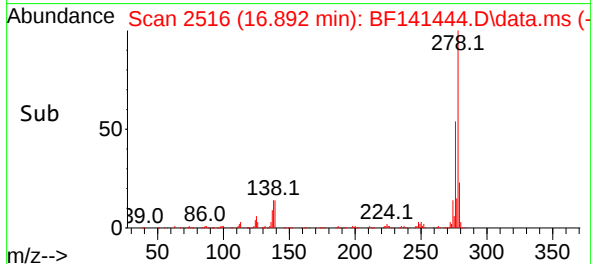
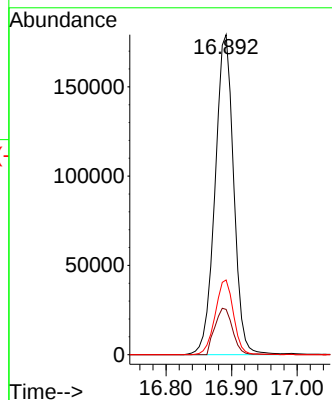
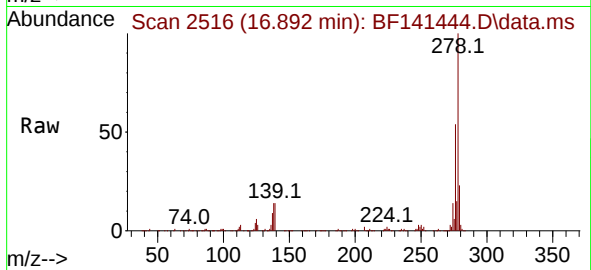
PB166525BS

Tgt Ion:278 Resp: 35231
Ion Ratio Lower Upper
278 100
139 14.1 13.9 20.9
279 23.4 18.8 28.2

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Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Supervised By :mohammad
ahmed
02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.985 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.036 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:276 Resp: 332118
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 19.5 19.0 28.4

