

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141435.D
 Acq On : 05 Feb 2025 10:02
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Feb 05 10:46:53 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	78610	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	301871	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	162758	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	271503	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	168458	20.000	ng	#-0.01
86) Perylene-d12	15.427	264	170248	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	407329	79.549	ng	0.00
7) Phenol-d6	6.434	99	503234	77.255	ng	0.00
23) Nitrobenzene-d5	7.357	82	478767	83.608	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	127994	85.780	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	870937	82.364	ng	-0.01
79) Terphenyl-d14	12.904	244	869288	79.581	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.457	88	78559	34.885	ng	94
3) Pyridine	3.187	79	194117	35.776	ng	95
4) n-Nitrosodimethylamine	3.140	42	135212m	43.622	ng	
6) Aniline	6.451	93	203874	36.974	ng	# 15
8) 2-Chlorophenol	6.581	128	217362	39.605	ng	98
9) Benzaldehyde	6.340	77	155340	41.171	ng	99
10) Phenol	6.445	94	261387	37.854	ng	# 70
11) bis(2-Chloroethyl)ether	6.528	93	198646	37.520	ng	99
12) 1,3-Dichlorobenzene	6.734	146	244041	40.328	ng	100
13) 1,4-Dichlorobenzene	6.810	146	248088	40.809	ng	100
14) 1,2-Dichlorobenzene	6.963	146	230694	40.526	ng	98
15) Benzyl Alcohol	6.934	79	188189	42.275	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	320404	34.802	ng	83
17) 2-Methylphenol	7.051	107	170207	38.159	ng	93
18) Hexachloroethane	7.304	117	91496	40.798	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	149493	38.623	ng	100
20) 3+4-Methylphenols	7.210	107	219253	40.033	ng	94
22) Acetophenone	7.204	105	297343	41.439	ng	97
24) Nitrobenzene	7.375	77	243522	41.037	ng	98
25) Isophorone	7.616	82	381288	38.520	ng	99
26) 2-Nitrophenol	7.692	139	115128	41.137	ng	95
27) 2,4-Dimethylphenol	7.734	122	138196m	38.795	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	236983	37.533	ng	99
29) 2,4-Dichlorophenol	7.939	162	179202	41.092	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	204292	41.020	ng	100
31) Naphthalene	8.098	128	638897	40.064	ng	99
32) Benzoic acid	7.851	122	131516	40.161	ng	94
33) 4-Chloroaniline	8.145	127	202319	37.413	ng	98
34) Hexachlorobutadiene	8.216	225	128024	43.834	ng	99
35) Caprolactam	8.516	113	55628	39.058	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	195300	41.751	ng	94
37) 2-Methylnaphthalene	8.786	142	404544	39.913	ng	100
38) 1-Methylnaphthalene	8.886	142	396613	39.835	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	188623	40.737	ng	99
41) Hexachlorocyclopentadiene	8.939	237	53928	39.437	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	125213	41.315	ng	99

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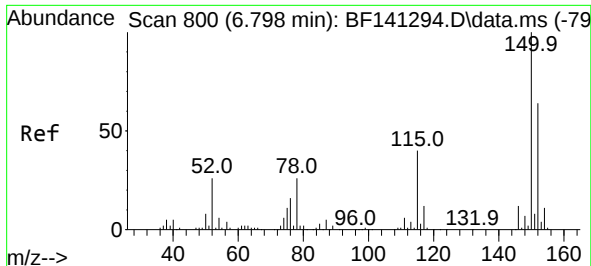
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	136179	41.284	ng	99
46) 1,1'-Biphenyl	9.251	154	500011	39.392	ng	97
47) 2-Chloronaphthalene	9.275	162	397635	40.191	ng	100
48) 2-Nitroaniline	9.375	65	128787	41.385	ng	97
49) Acenaphthylene	9.692	152	552204	39.872	ng	100
50) Dimethylphthalate	9.557	163	437816	39.828	ng	100
51) 2,6-Dinitrotoluene	9.616	165	103868	40.695	ng	95
52) Acenaphthene	9.863	154	400902	40.520	ng	98
53) 3-Nitroaniline	9.786	138	100475	40.165	ng	97
54) 2,4-Dinitrophenol	9.892	184	52193	43.990	ng	# 85
55) Dibenzofuran	10.033	168	529389	39.973	ng	96
56) 4-Nitrophenol	9.963	139	76553	41.844	ng	90
57) 2,4-Dinitrotoluene	10.022	165	139267	42.144	ng	96
58) Fluorene	10.380	166	427075	41.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109126	42.052	ng	97
60) Diethylphthalate	10.251	149	431776	40.510	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	209555	41.761	ng	99
62) 4-Nitroaniline	10.398	138	102198	41.554	ng	89
63) Azobenzene	10.533	77	406009	38.055	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	73514	45.776	ng	99
66) n-Nitrosodiphenylamine	10.492	169	356533	40.601	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	125379	41.249	ng	98
68) Hexachlorobenzene	10.928	284	133335	41.354	ng	98
69) Atrazine	11.022	200	108751	37.040	ng	99
70) Pentachlorophenol	11.127	266	82010	43.436	ng	99
71) Phenanthrene	11.345	178	605311	41.476	ng	99
72) Anthracene	11.392	178	597915	41.812	ng	99
73) Carbazole	11.551	167	545853	43.048	ng	100
74) Di-n-butylphthalate	11.880	149	632426	41.155	ng	100
75) Fluoranthene	12.533	202	626646	43.486	ng	97
77) Benzidine	12.657	184	207554	38.432	ng	98
78) Pyrene	12.763	202	631407	39.047	ng	99
80) Butylbenzylphthalate	13.380	149	224717	39.778	ng	99
81) Benzo(a)anthracene	13.951	228	441320	37.964	ng	100
82) 3,3'-Dichlorobenzidine	13.916	252	141060	38.153	ng	98
83) Chrysene	13.992	228	418577	39.290	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	276519	38.586	ng	98
85) Di-n-octyl phthalate	14.568	149	418773	37.624	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	480324	43.712	ng	95
88) Benzo(b)fluoranthene	15.004	252	451713	42.180	ng	98
89) Benzo(k)fluoranthene	15.033	252	368364	38.829	ng	98
90) Benzo(a)pyrene	15.363	252	375306	41.472	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	385925	43.654	ng	97
92) Benzo(g,h,i)perylene	17.309	276	405442	44.107	ng	95

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

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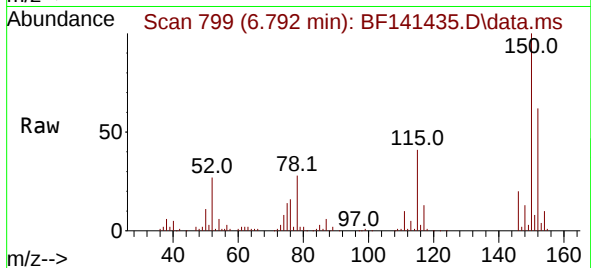
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



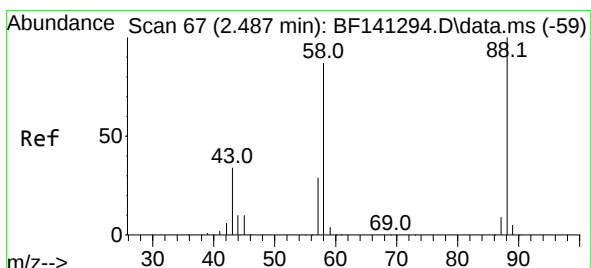
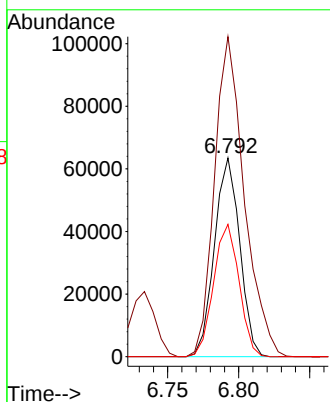
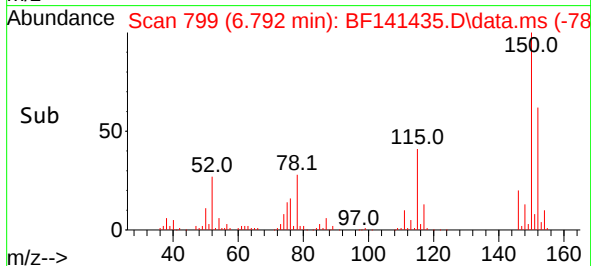
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 Ion Ratio Lower Upper
 152 100
 150 161.0 125.9 188.9
 115 66.6 49.7 74.5

Manual Integrations

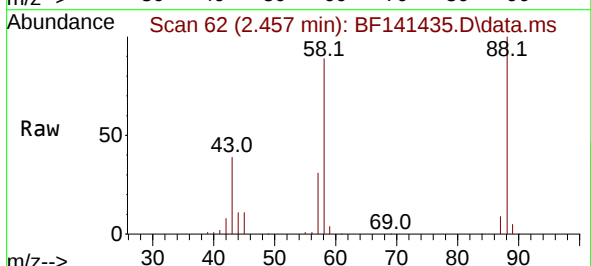
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

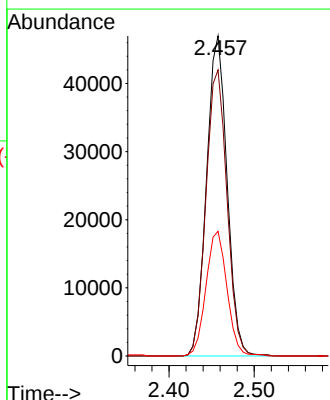
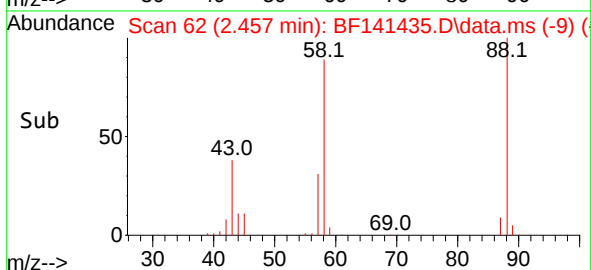
Supervised By :mohammad ahmed 02/06/2025



#2
 1,4-Dioxane
 Concen: 34.885 ng
 RT: 2.457 min Scan# 62
 Delta R.T. -0.035 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02



Tgt Ion: 88 Resp: 78559
 Ion Ratio Lower Upper
 88 100
 58 91.6 70.2 105.4
 43 40.0 27.6 41.4





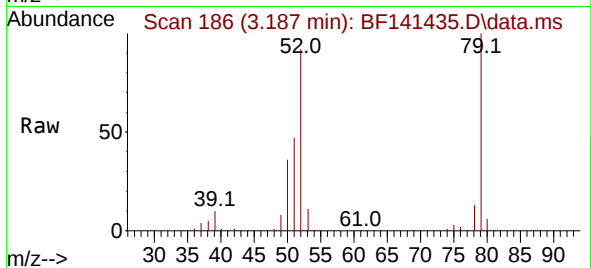
#3
Pyridine
Concen: 35.776 ng
RT: 3.187 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

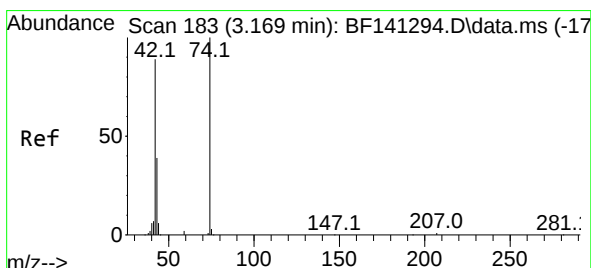
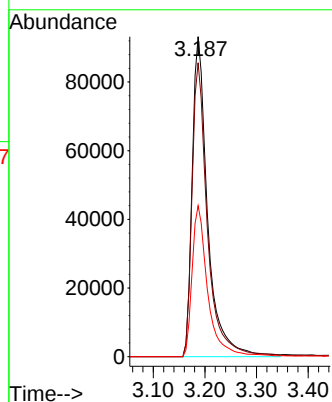
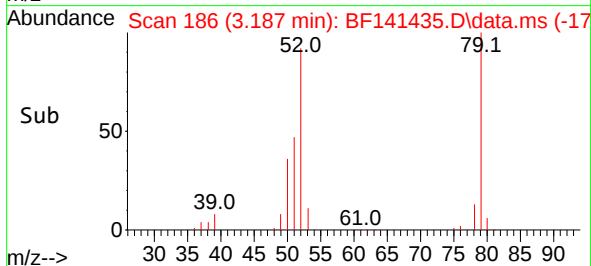


Tgt Ion: 79 Resp: 19411
Ion Ratio Lower Upper
79 100
52 91.9 70.3 105.5
51 47.2 34.3 51.5

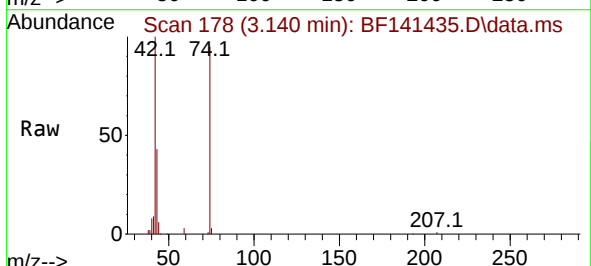
Manual Integrations

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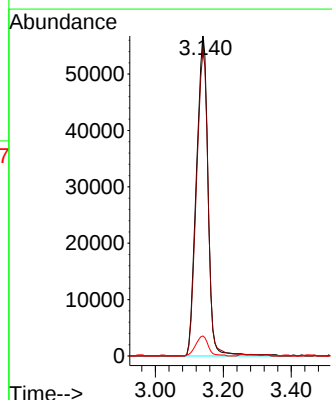
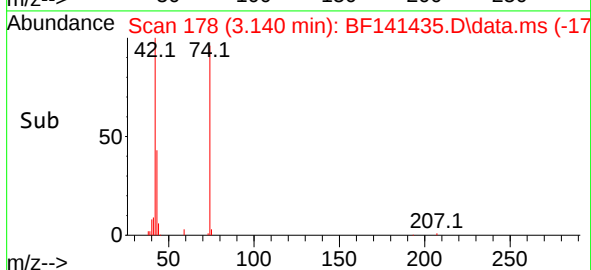
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#4
n-Nitrosodimethylamine
Concen: 43.622 ng m
RT: 3.140 min Scan# 178
Delta R.T. -0.059 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion: 42 Resp: 135212
Ion Ratio Lower Upper
42 100
74 95.2 90.3 135.5
44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 79.549 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

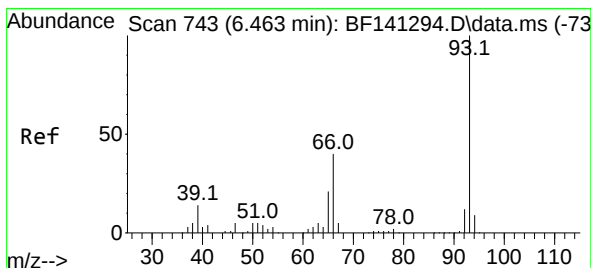
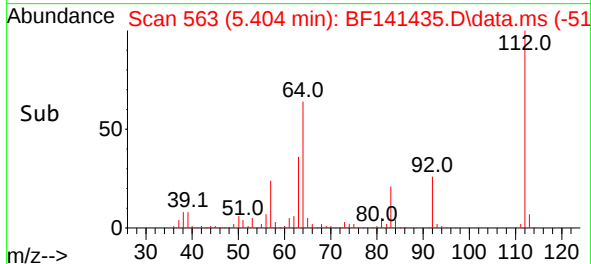
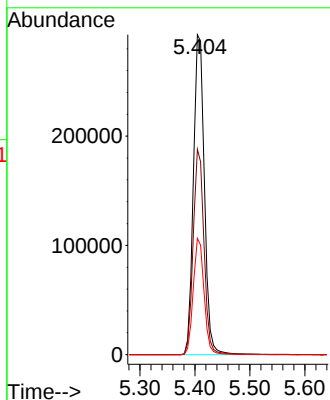
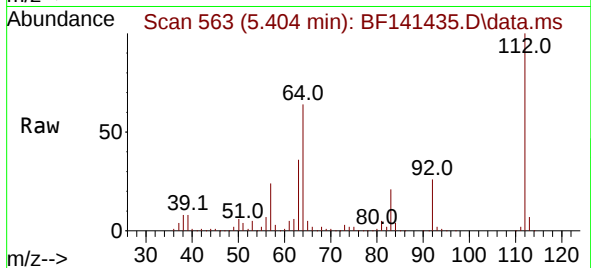
SSTDCCC040

Tgt Ion:112 Resp: 407329
Ion Ratio Lower Upper
112 100
64 64.2 49.8 74.8
63 36.3 26.1 39.1

Manual Integrations

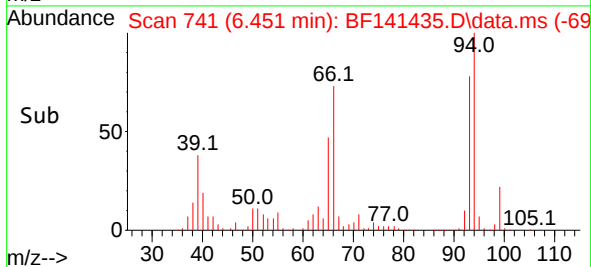
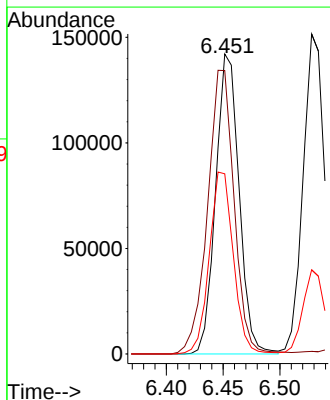
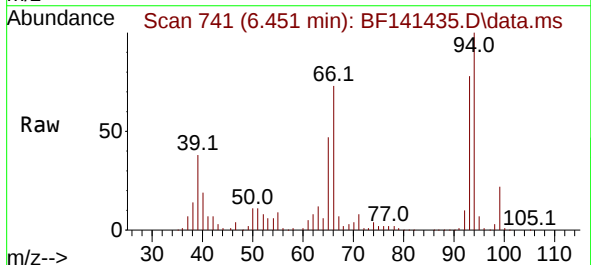
APPROVED

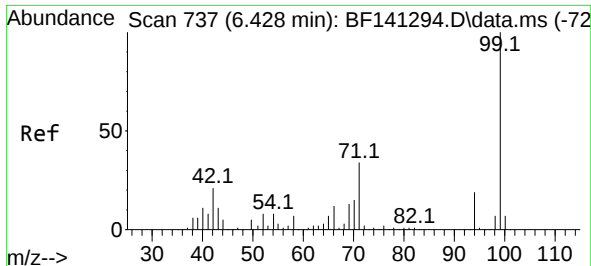
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 36.974 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

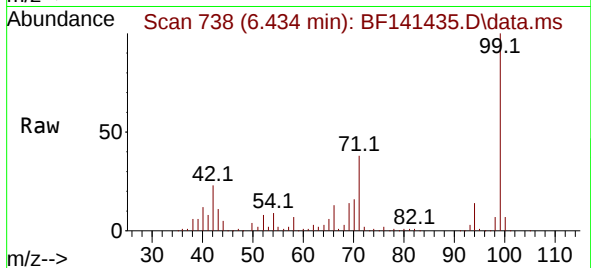
Tgt Ion: 93 Resp: 203874
Ion Ratio Lower Upper
93 100
66 94.5 32.5 48.7#
65 60.0 17.0 25.6#





#7
Phenol-d6
Concen: 77.255 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

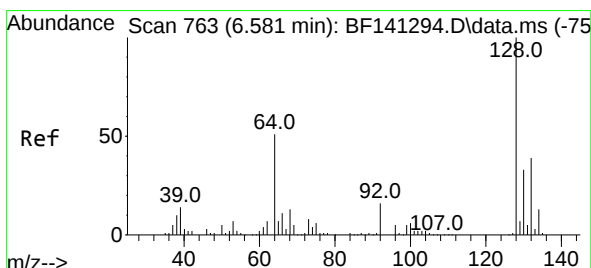
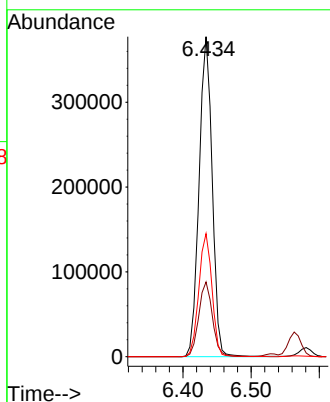
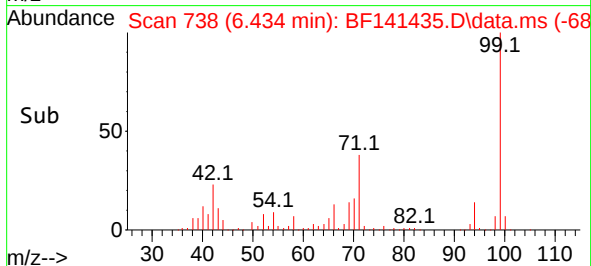
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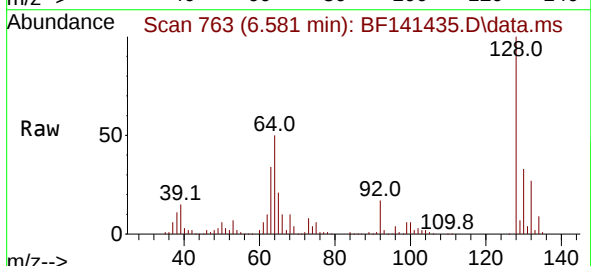
Tgt Ion: 99 Resp: 503234
Ion Ratio Lower Upper
99 100
42 23.3 17.1 25.7
71 38.5 26.9 40.3

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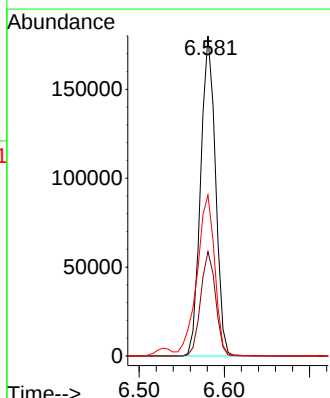
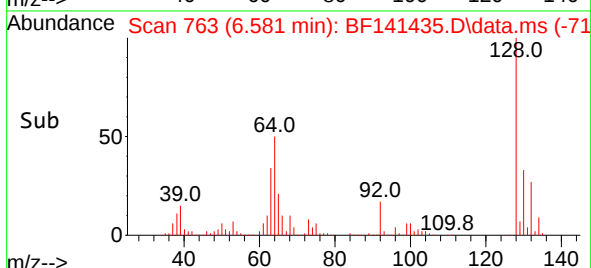
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 39.605 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141435.D
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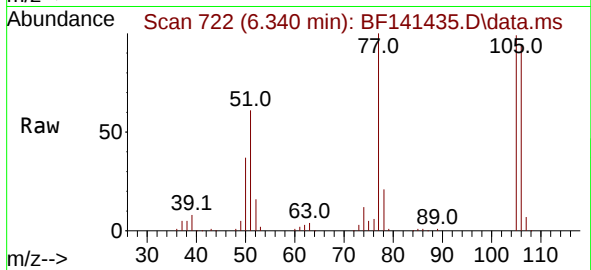
Tgt Ion:128 Resp: 217362
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 50.3 32.9 72.9





#9
Benzaldehyde
Concen: 41.171 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

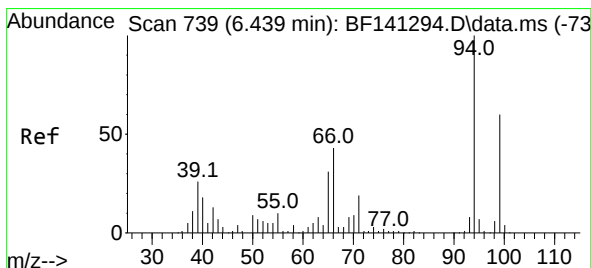
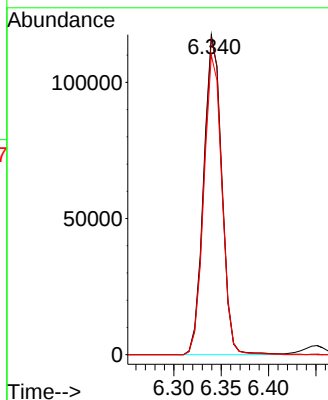
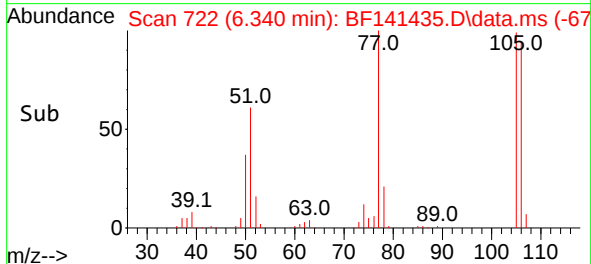
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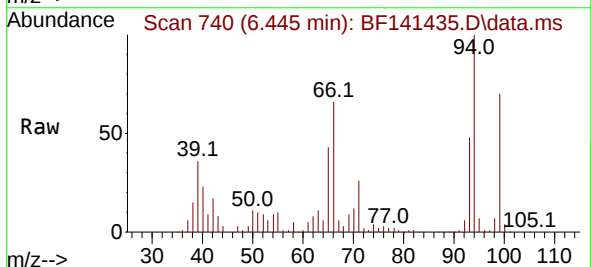
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Ion Ratio Lower Upper
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105 98.6 79.4 119.4
106 93.6 74.6 114.6

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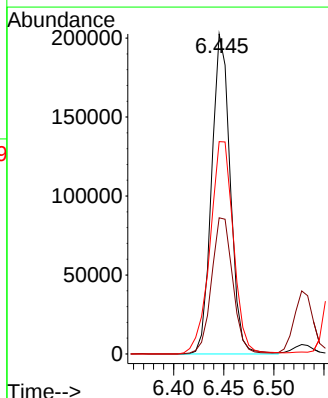
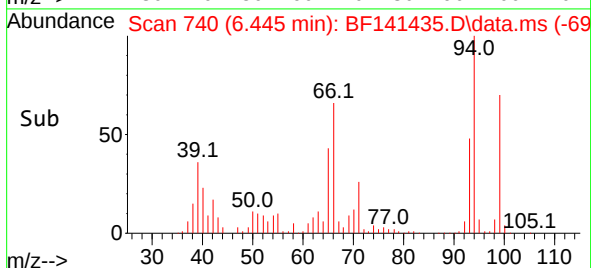
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 37.854 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



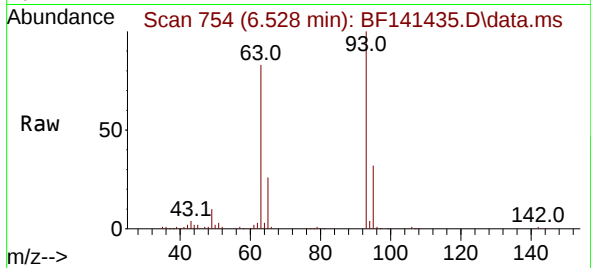
Tgt Ion: 94 Resp: 261387
Ion Ratio Lower Upper
94 100
65 42.6 10.8 50.8
66 66.3 23.3 63.3#





#11
bis(2-Chloroethyl)ether
Concen: 37.520 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

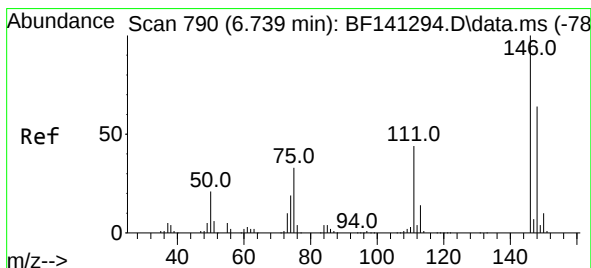
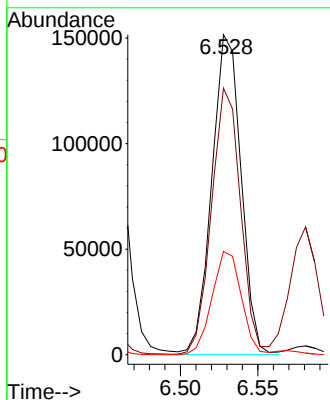
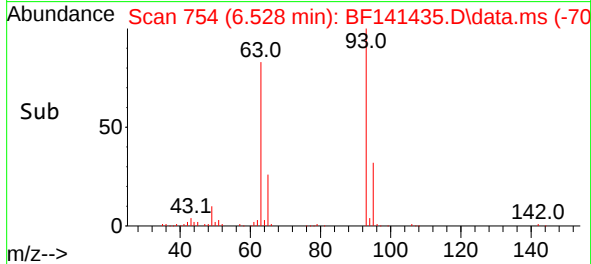
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



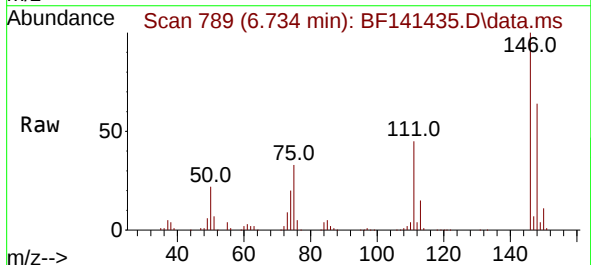
Tgt Ion: 93 Resp: 198640
Ion Ratio Lower Upper
93 100
63 83.3 65.0 105.0
95 32.2 12.4 52.4

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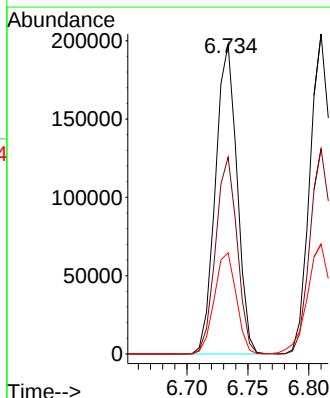
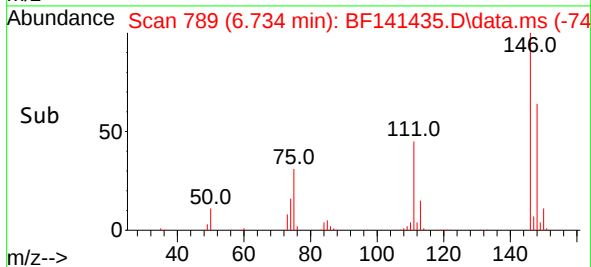
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 40.328 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:146 Resp: 244041
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 32.6 26.2 39.4





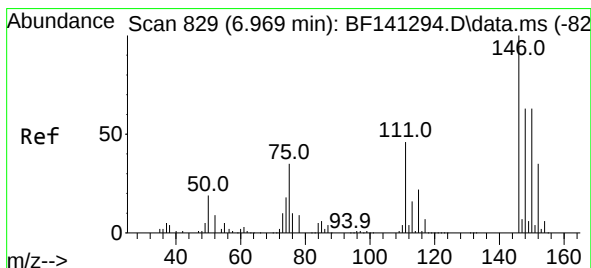
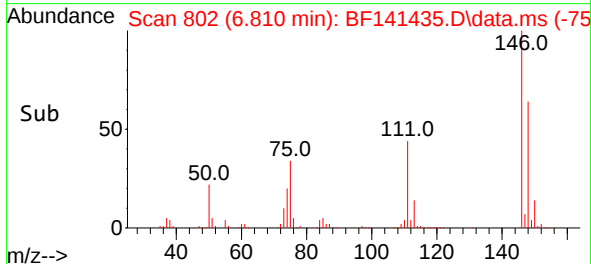
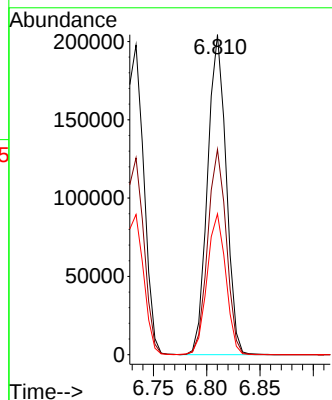
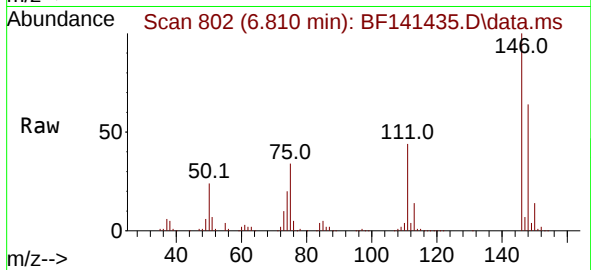
#13
1,4-Dichlorobenzene
Concen: 40.809 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 248088
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 44.0 35.0 52.4

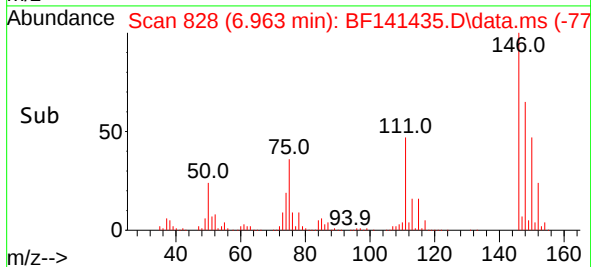
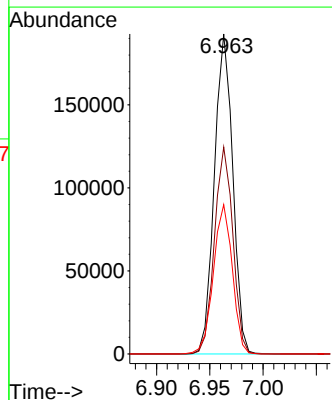
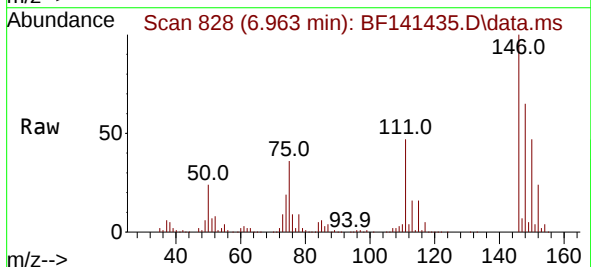
Manual Integrations
APPROVED

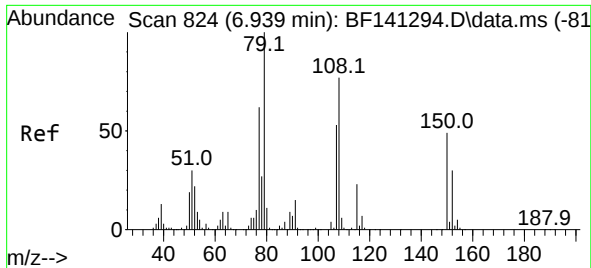
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 40.526 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

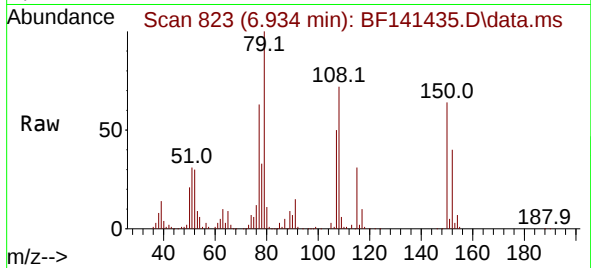
Tgt Ion:146 Resp: 230694
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
111 46.7 36.6 55.0





#15
Benzyl Alcohol
Concen: 42.275 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

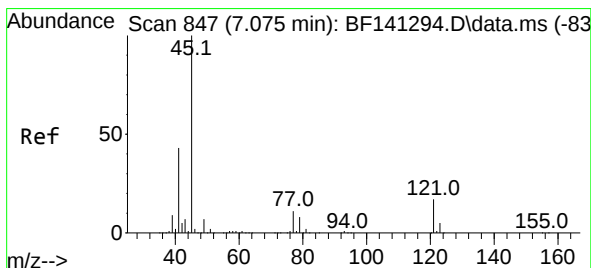
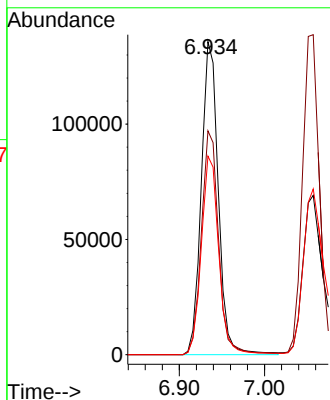
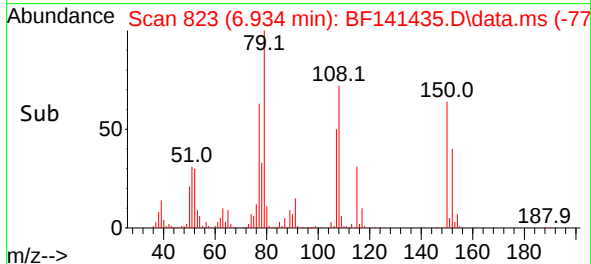
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



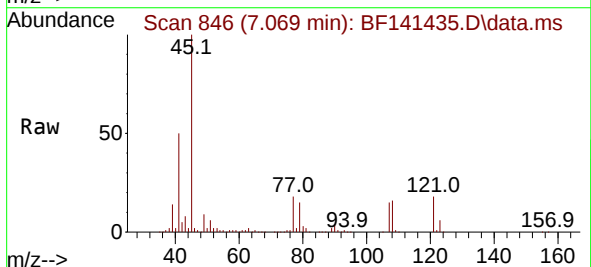
Tgt Ion: 79 Resp: 188189
Ion Ratio Lower Upper
79 100
108 71.6 61.4 92.0
77 63.5 49.9 74.9

Manual Integrations
APPROVED

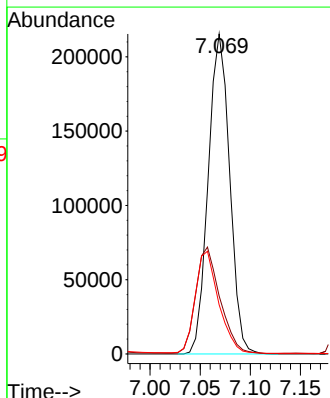
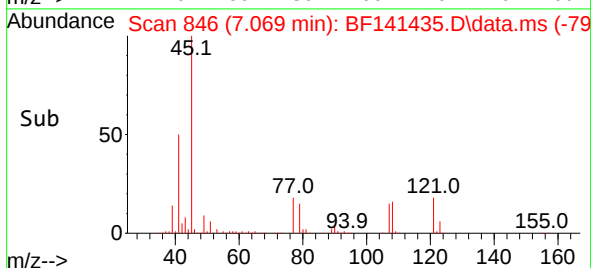
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

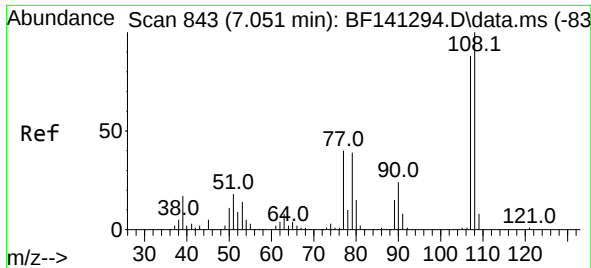


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.802 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion: 45 Resp: 320404
Ion Ratio Lower Upper
45 100
77 18.1 0.0 31.8
79 15.4 0.0 29.1





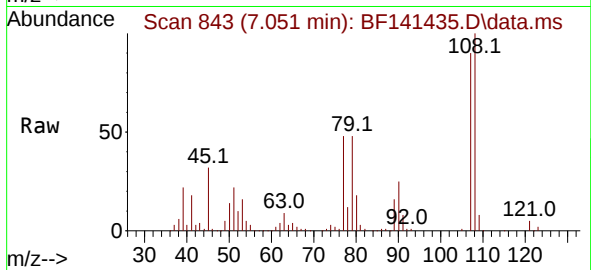
#17
2-Methylphenol
Concen: 38.159 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

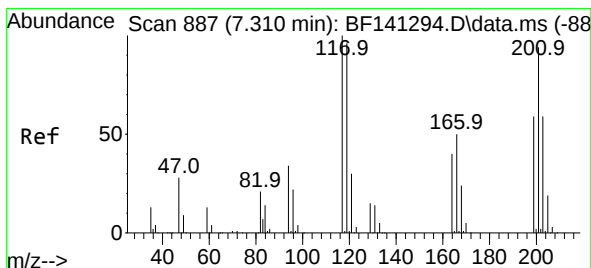
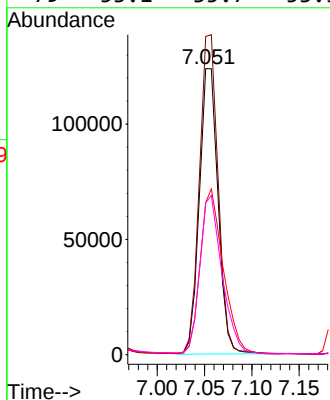
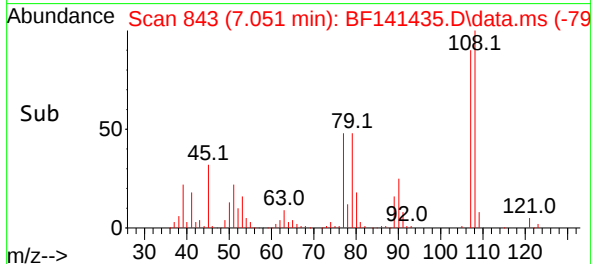


Tgt Ion:107 Resp: 17020
Ion Ratio Lower Upper
107 100
108 111.2 90.8 136.2
77 53.2 36.2 54.4
79 53.1 35.7 53.5

Manual Integrations

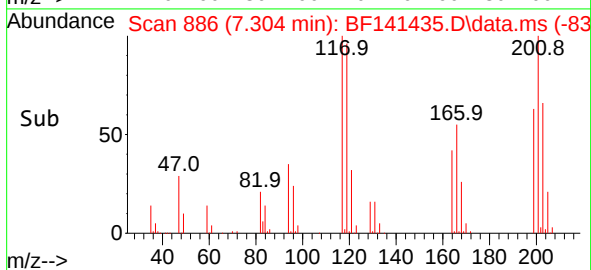
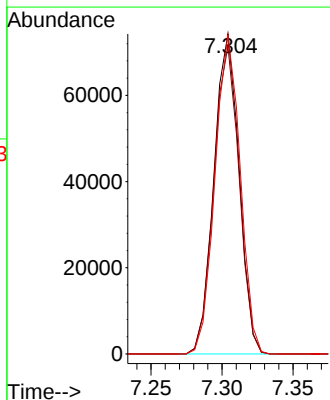
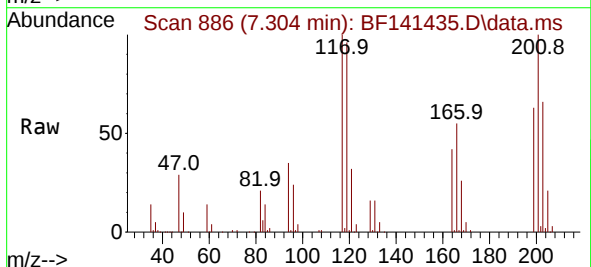
APPROVED

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



#18
Hexachloroethane
Concen: 40.798 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:117 Resp: 91496
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 99.7 74.8 112.2





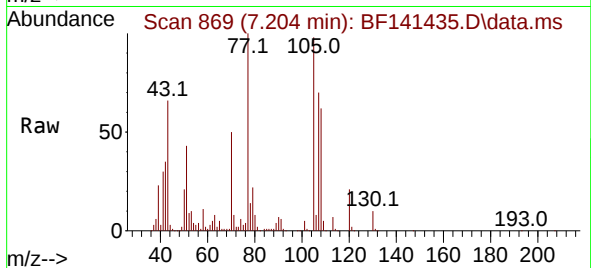
#19
n-Nitroso-di-n-propylamine
Concen: 38.623 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

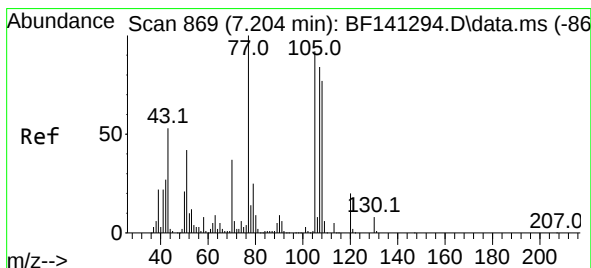
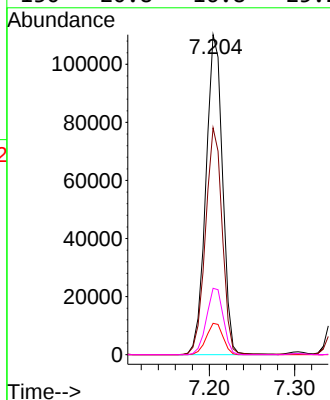
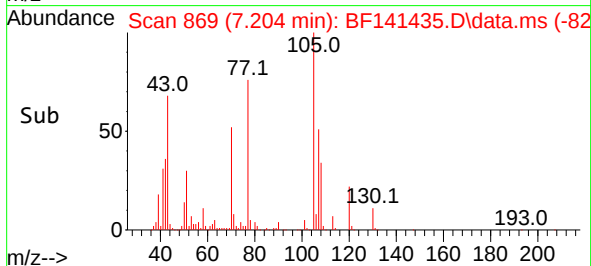
SSTDCCC040



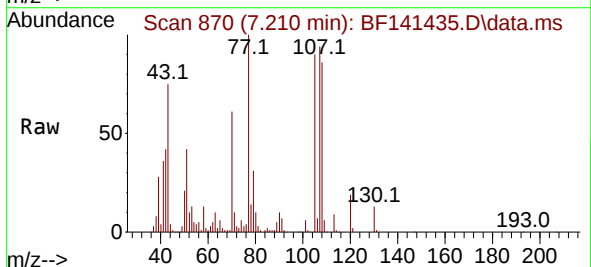
Tgt Ion: 70 Resp: 14949
Ion Ratio Lower Upper
70 100
42 70.9 56.8 85.2
101 9.8 7.7 11.5
130 20.8 16.8 25.2

Manual Integrations
APPROVED

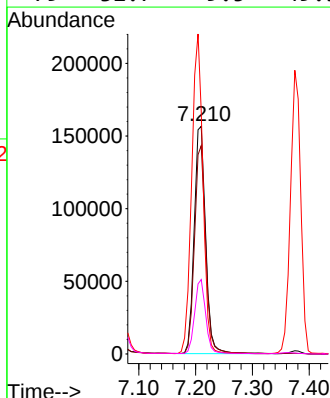
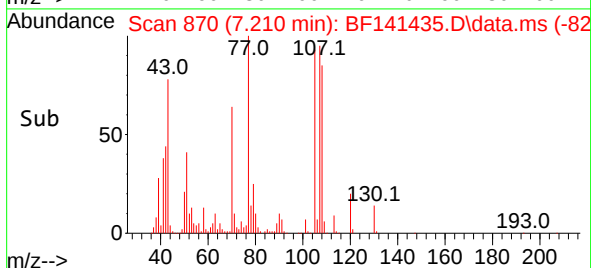
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

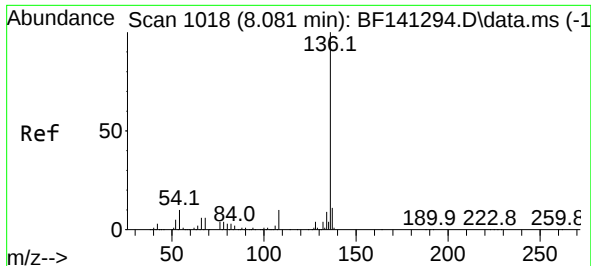


#20
3+4-Methylphenols
Concen: 40.033 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:107 Resp: 219253
Ion Ratio Lower Upper
107 100
108 91.5 70.9 110.9
77 106.4 98.5 138.5
79 32.7 9.5 49.5





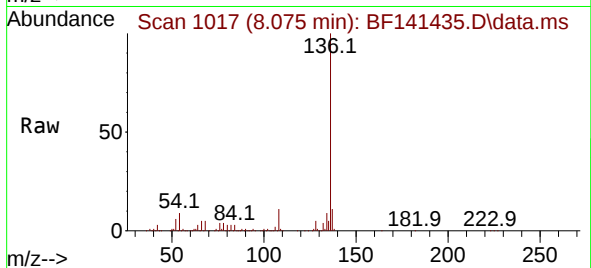
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

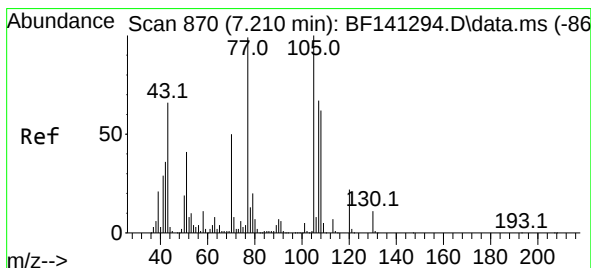
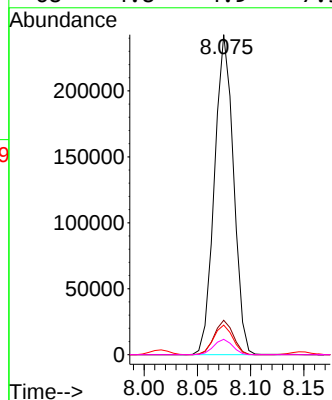
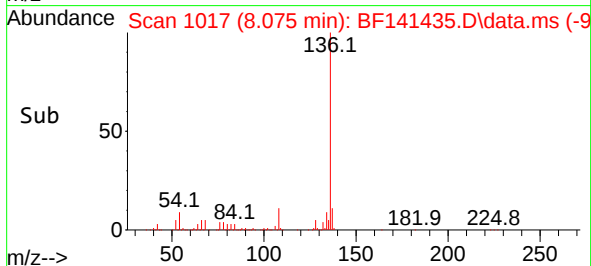


Tgt Ion:136 Resp: 30187
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.2 7.8 11.8
68 4.8 4.9 7.3#

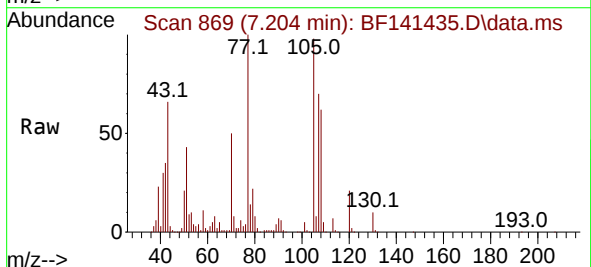
Manual Integrations

APPROVED

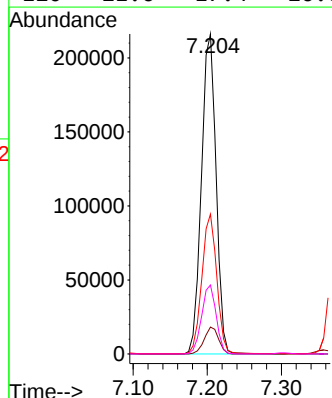
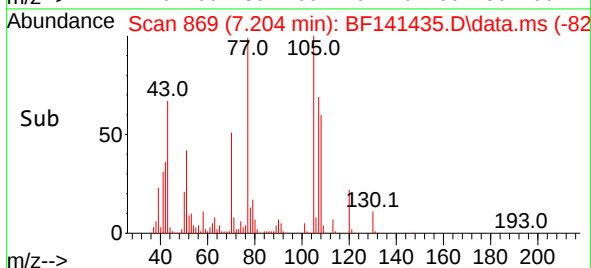
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

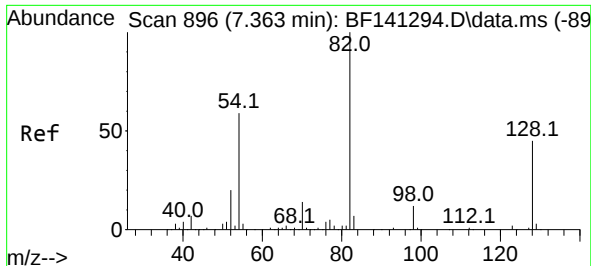


#22
Acetophenone
Concen: 41.439 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:105 Resp: 297343
Ion Ratio Lower Upper
105 100
71 8.4 6.8 10.2
51 43.7 32.6 49.0
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.608 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

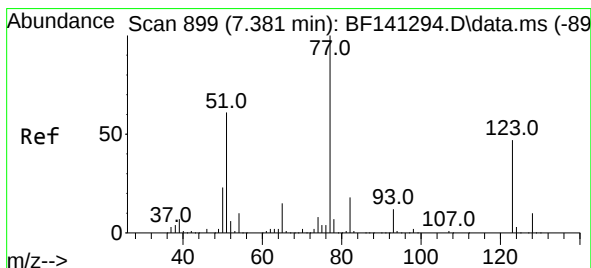
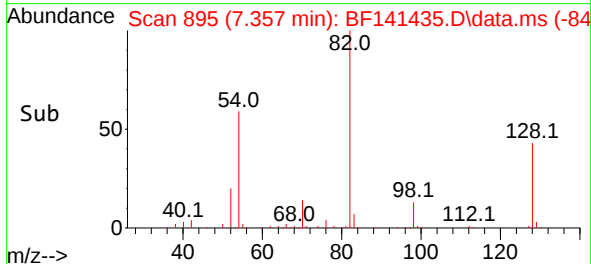
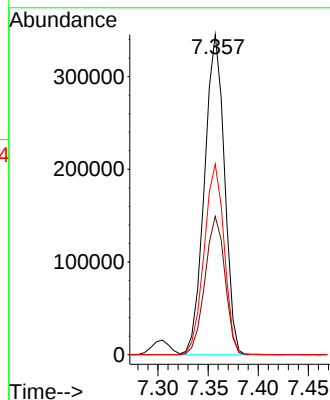
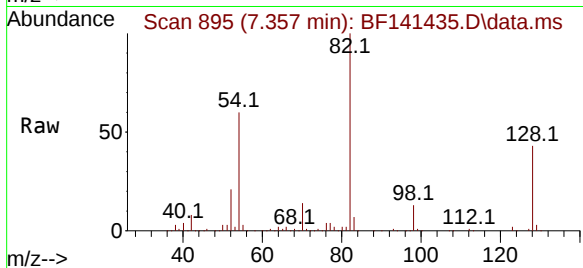
Tgt Ion: 82 Resp: 47876
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.7 53.5
 54 59.5 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#24

Nitrobenzene

Concen: 41.037 ng

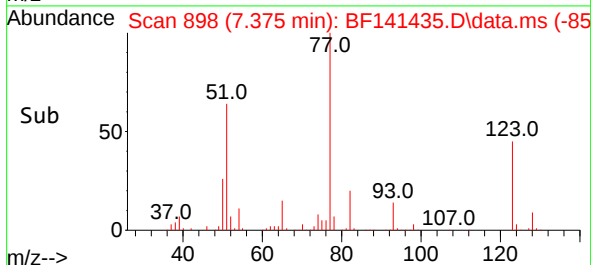
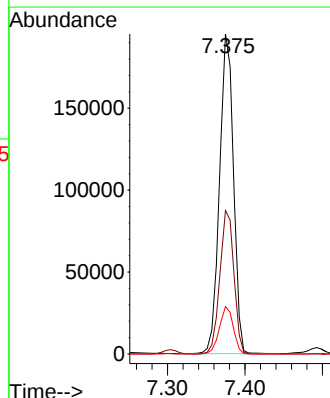
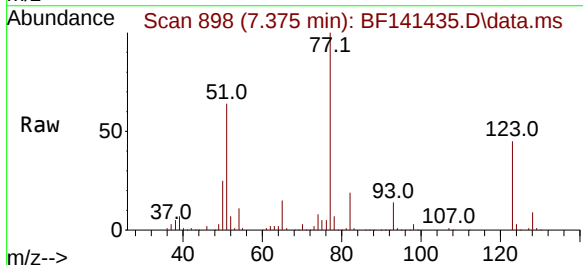
RT: 7.375 min Scan# 898

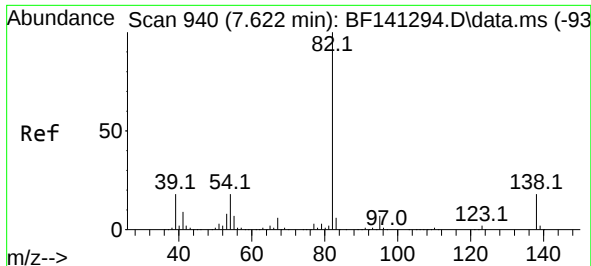
Delta R.T. -0.018 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

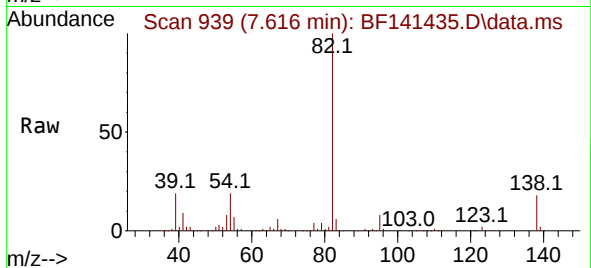
Tgt Ion: 77 Resp: 243522
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.3 55.9
 65 14.8 11.8 17.6





#25
Isophorone
Concen: 38.520 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

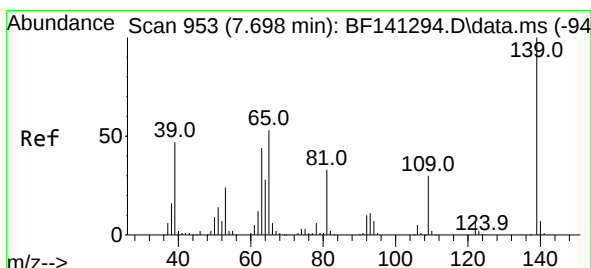
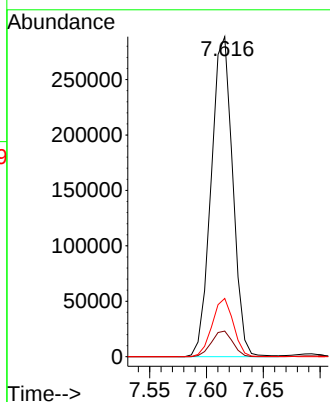
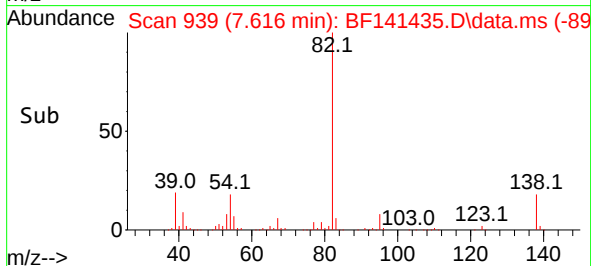
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 38128
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 18.2 14.7 22.1

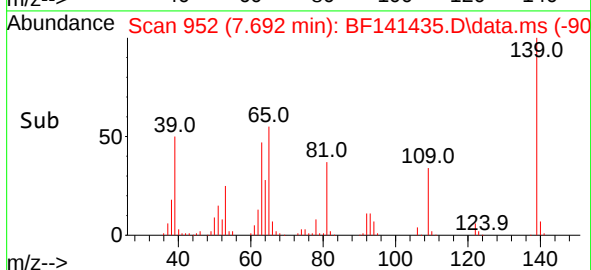
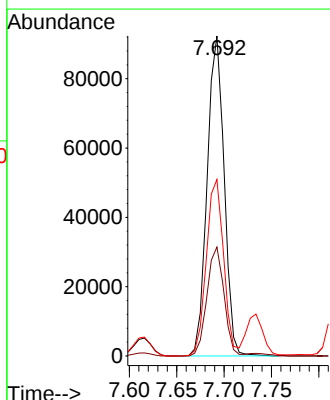
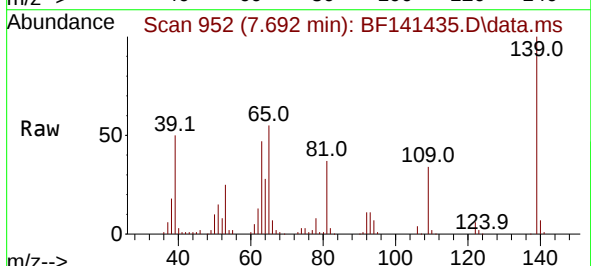
Manual Integrations
APPROVED

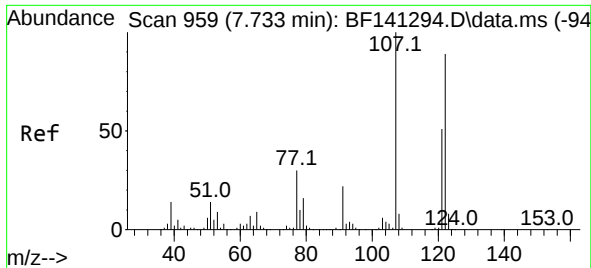
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 41.137 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:139 Resp: 115128
Ion Ratio Lower Upper
139 100
109 34.0 23.8 35.6
65 55.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.795 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141435.D

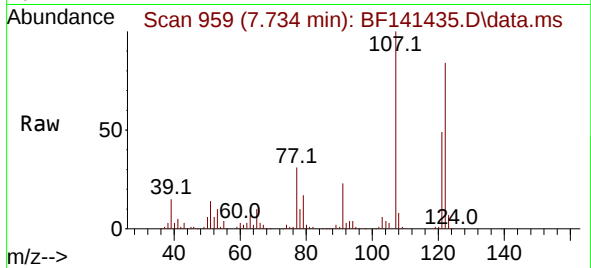
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 138190

Ion Ratio Lower Upper

122 100

107 119.3 89.9 134.9

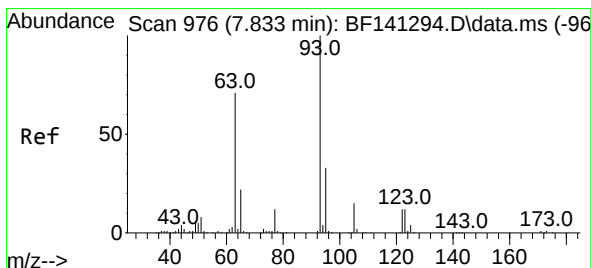
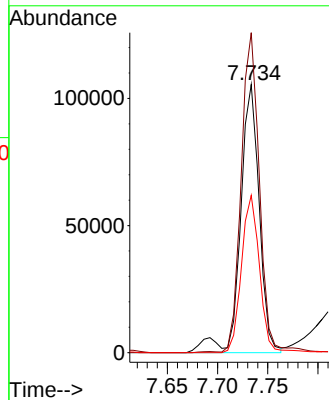
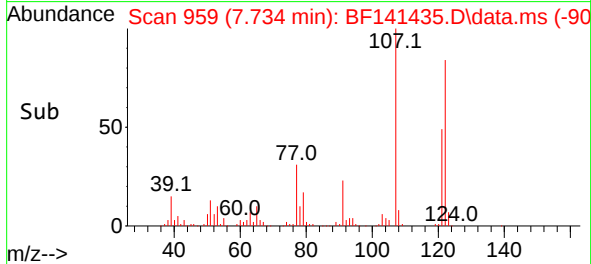
121 58.7 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.533 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

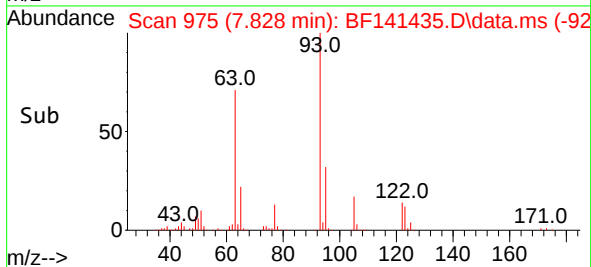
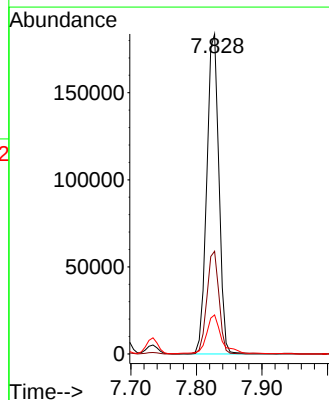
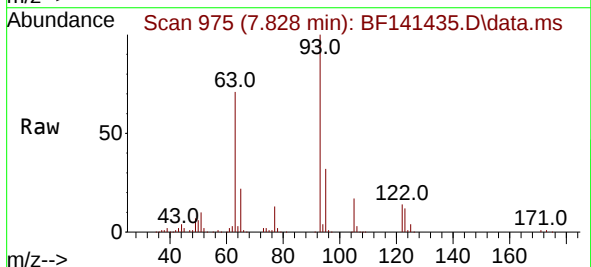
Tgt Ion: 93 Resp: 236983

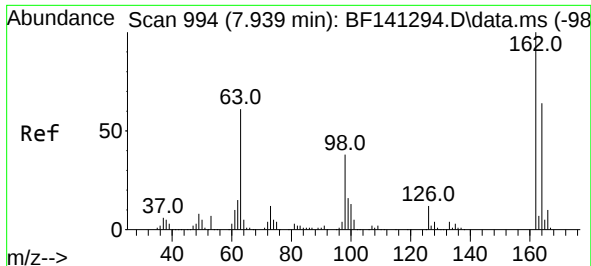
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 12.2 10.2 15.4





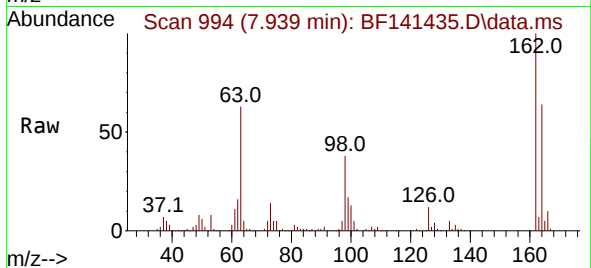
#29
2,4-Dichlorophenol
Concen: 41.092 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

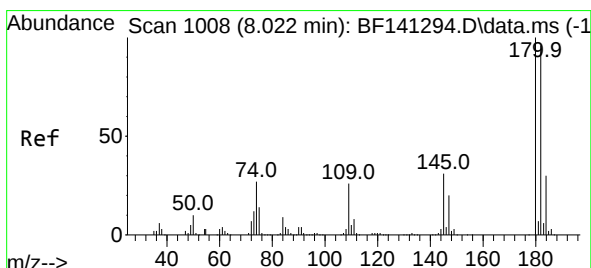
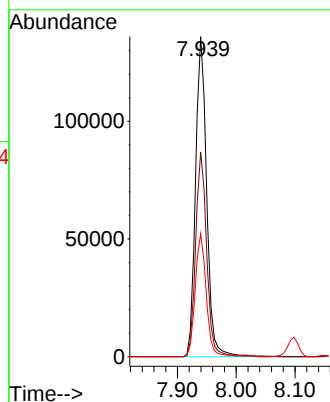
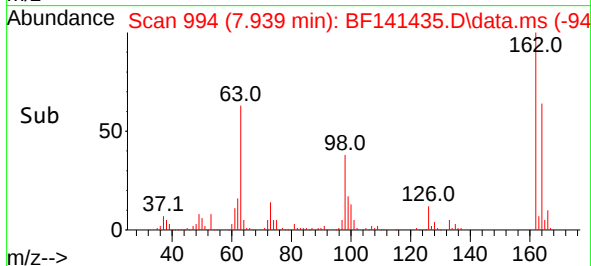


Tgt Ion:162 Resp: 17920
Ion Ratio Lower Upper
162 100
164 63.9 44.2 84.2
98 38.4 18.2 58.2

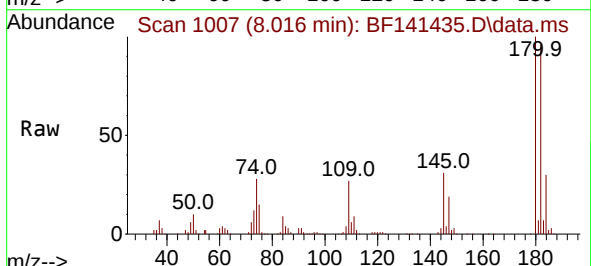
Manual Integrations

APPROVED

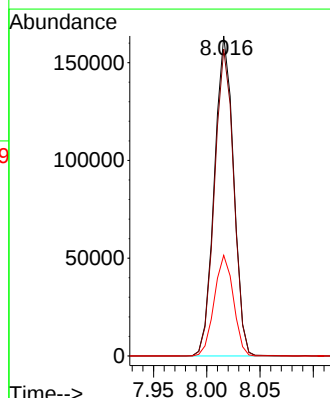
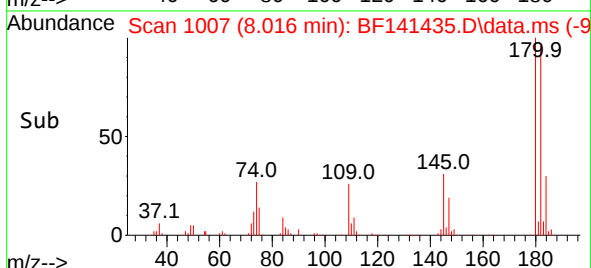
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.020 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:180 Resp: 204292
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 31.5 24.9 37.3





#31
Naphthalene
Concen: 40.064 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

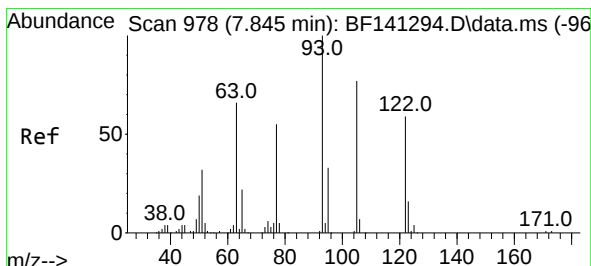
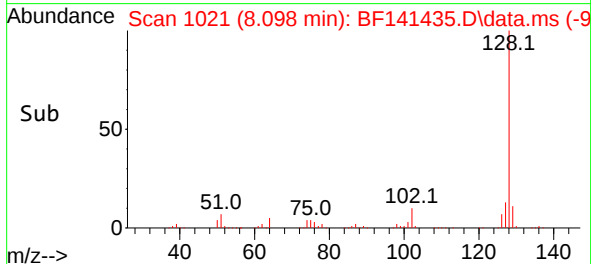
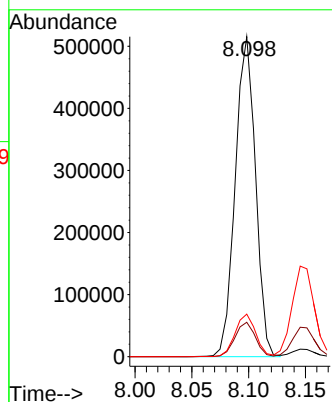
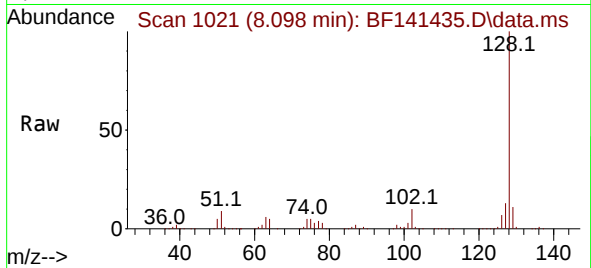
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 63889
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.3 10.6 15.8

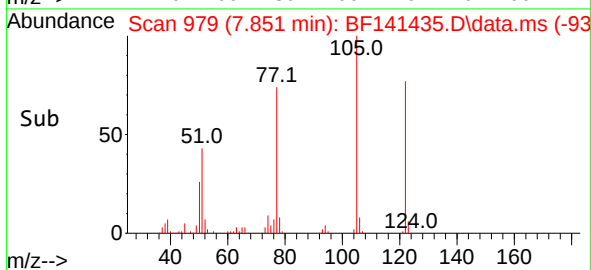
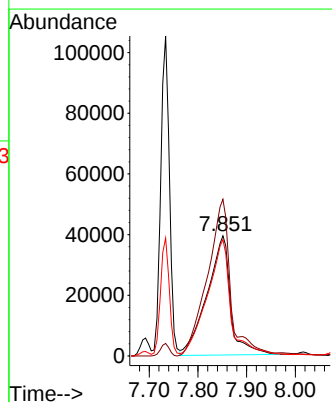
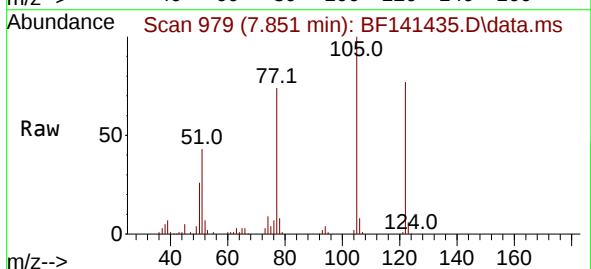
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 40.161 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:122 Resp: 131516
Ion Ratio Lower Upper
122 100
105 130.3 103.4 143.4
77 96.7 70.9 110.9





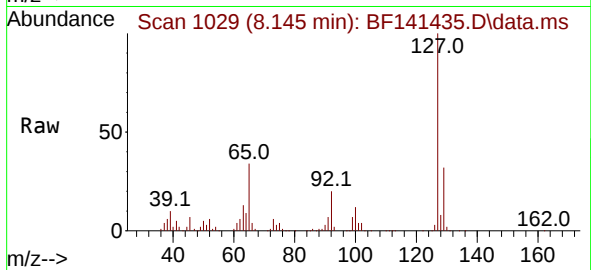
#33
4-Chloroaniline
Concen: 37.413 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

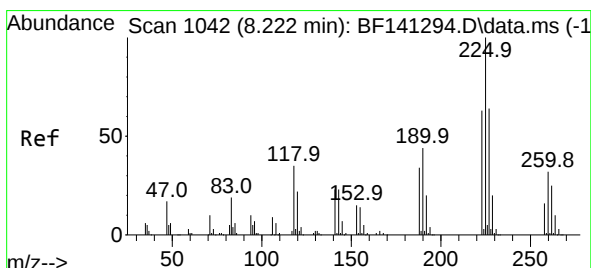
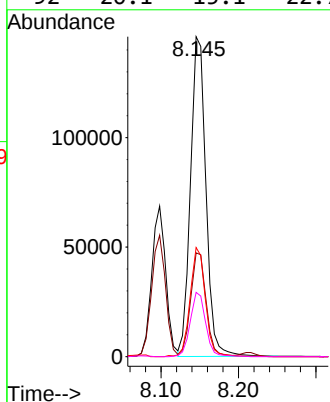
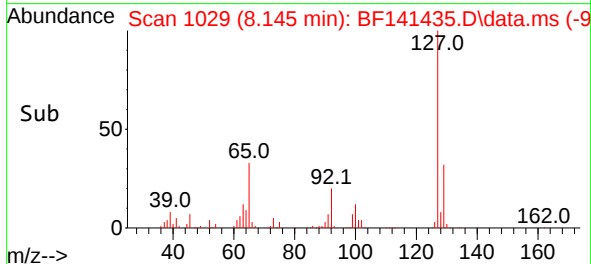


Tgt Ion:127 Resp: 202319
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 34.1 26.4 39.6
92 20.1 15.1 22.7

Manual Integrations

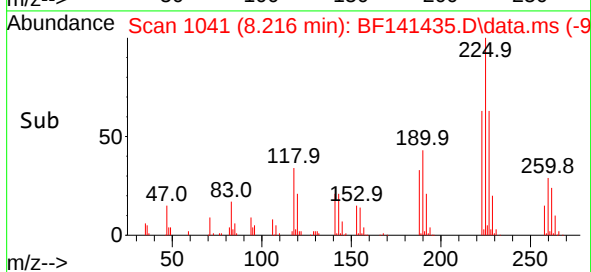
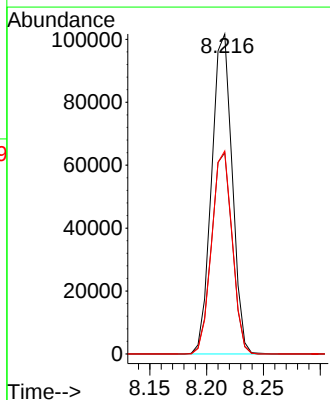
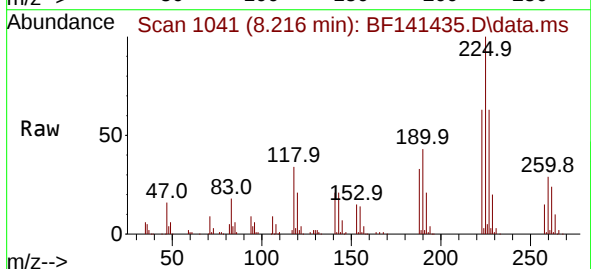
APPROVED

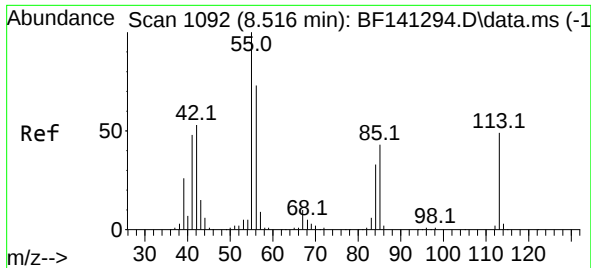
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 43.834 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:225 Resp: 128024
Ion Ratio Lower Upper
225 100
223 62.8 50.4 75.6
227 63.4 51.3 76.9





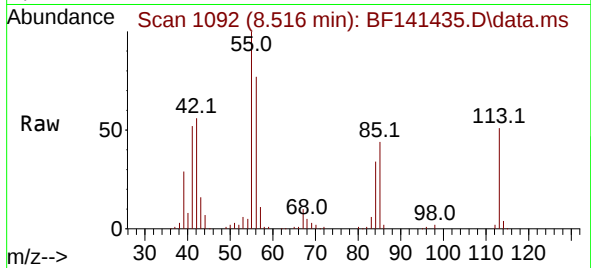
#35
 Caprolactam
 Concen: 39.058 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

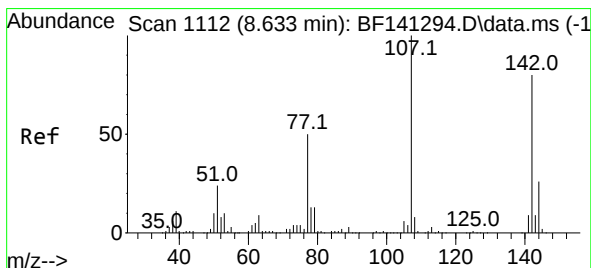
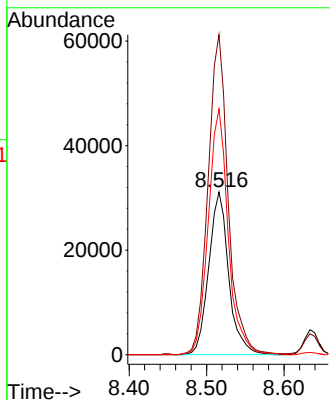
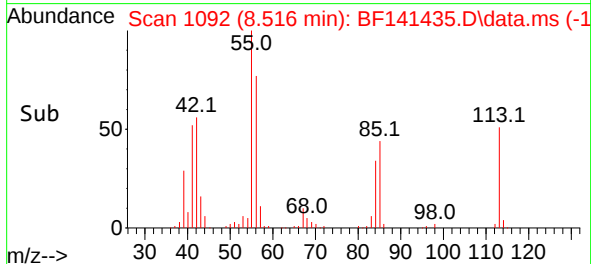


Tgt Ion:113 Resp: 55628
 Ion Ratio Lower Upper
 113 100
 55 196.8 182.9 222.9
 56 151.2 127.9 167.9

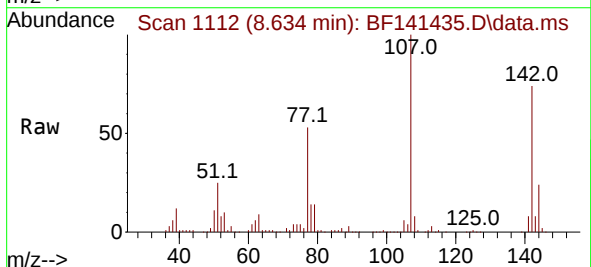
Manual Integrations

APPROVED

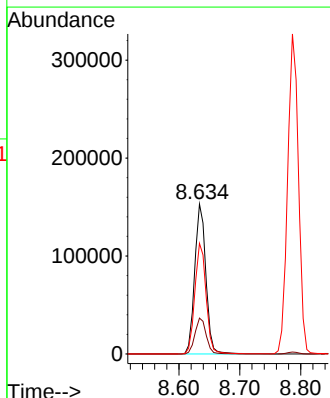
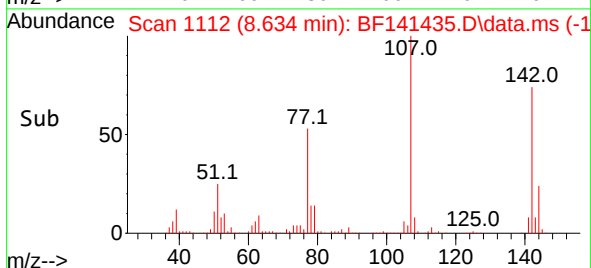
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#36
 4-Chloro-3-methylphenol
 Concen: 41.751 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02



Tgt Ion:107 Resp: 195300
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.7 31.1
 142 73.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 39.913 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

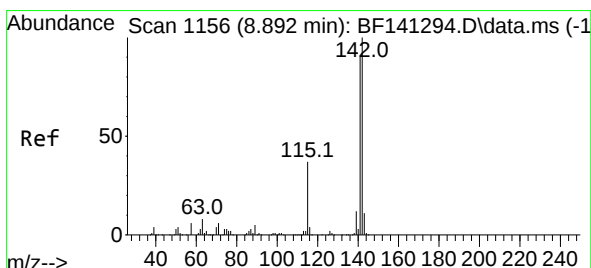
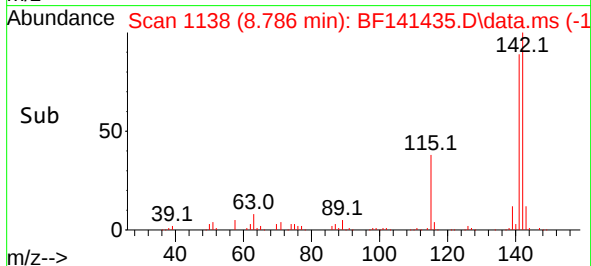
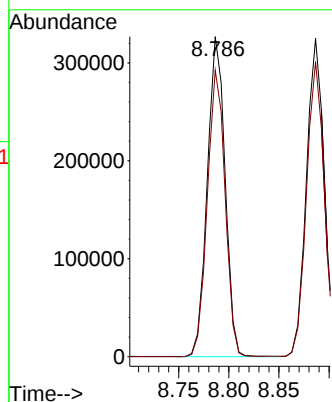
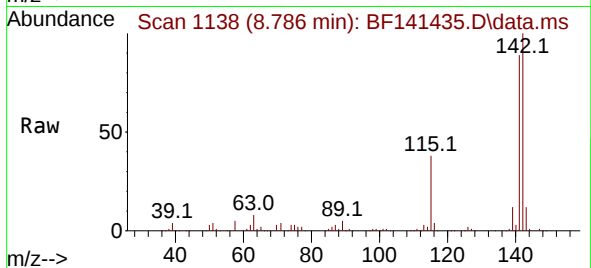
SSTDCCC040

Tgt Ion:142 Resp: 404544
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9

Manual Integrations

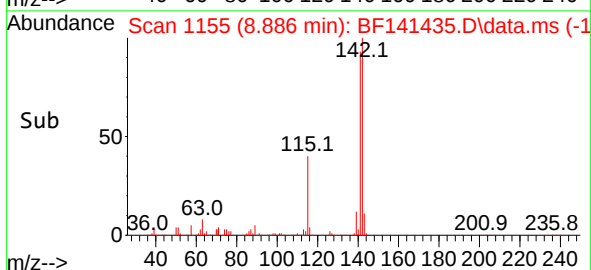
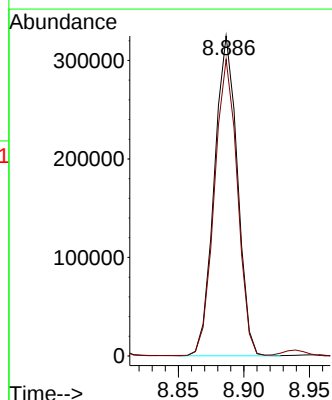
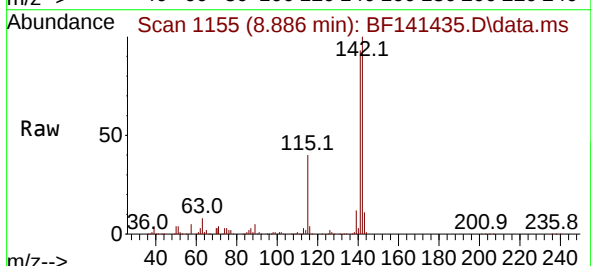
APPROVED

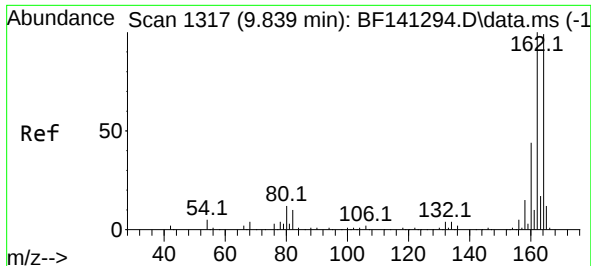
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 39.835 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:142 Resp: 396613
Ion Ratio Lower Upper
142 100
141 92.7 73.2 109.8





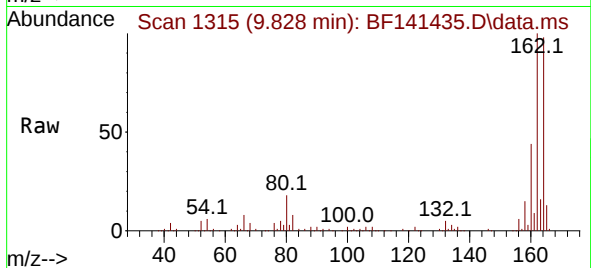
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



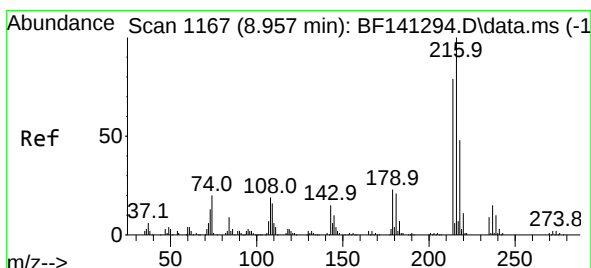
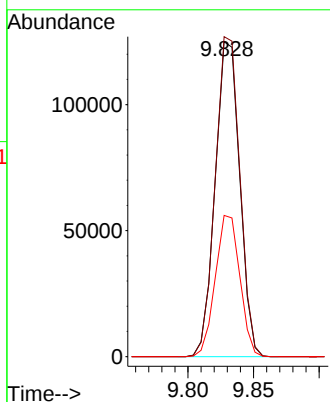
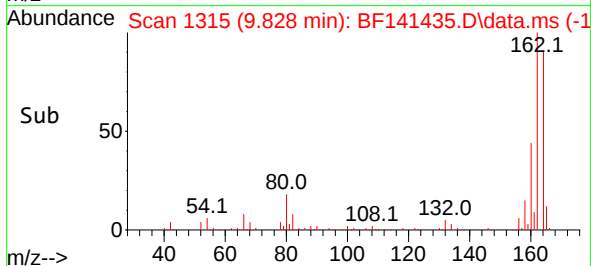
Tgt Ion:164 Resp: 162758
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 44.9 35.8 53.6

Manual Integrations

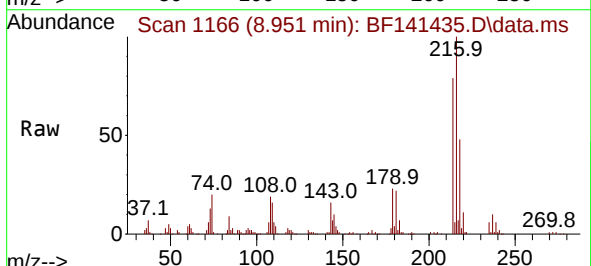
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

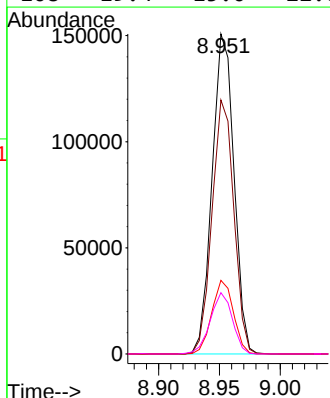
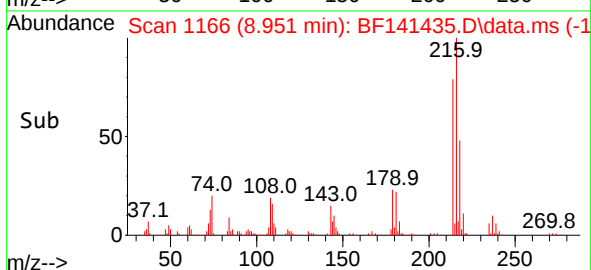
Supervised By :mohammad ahmed 02/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.737 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



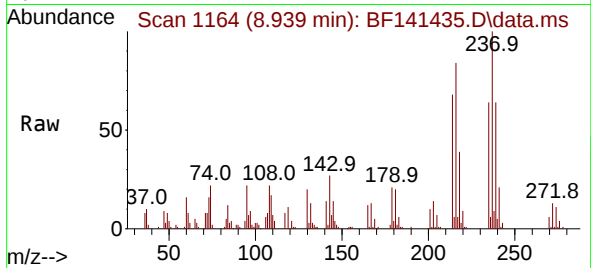
Tgt Ion:216 Resp: 188623
Ion Ratio Lower Upper
216 100
214 79.2 63.2 94.8
179 22.8 17.8 26.8
108 19.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 39.437 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

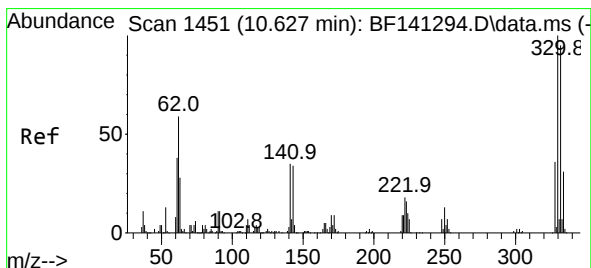
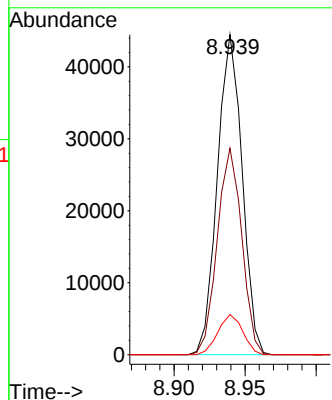
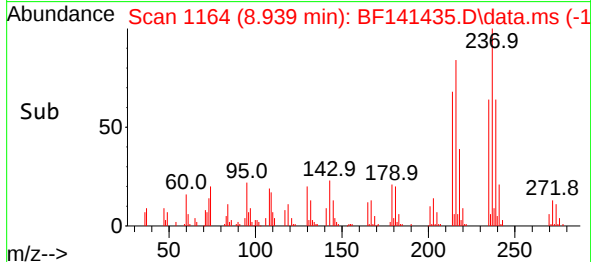
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



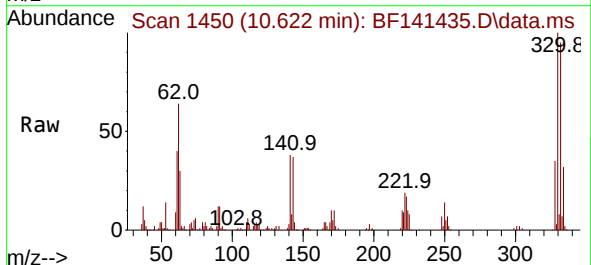
Tgt Ion:237 Resp: 53928
Ion Ratio Lower Upper
237 100
235 64.5 42.9 82.9
272 12.5 0.0 32.8

Manual Integrations
APPROVED

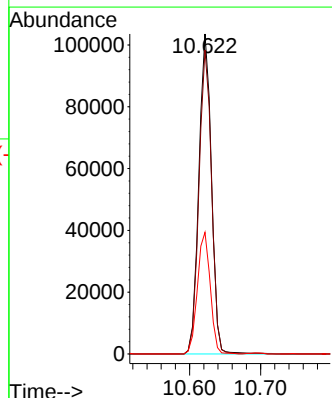
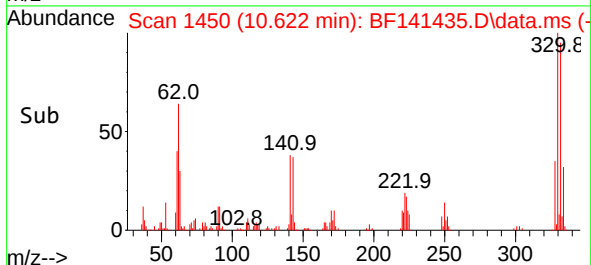
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#42
2,4,6-Tribromophenol
Concen: 85.780 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



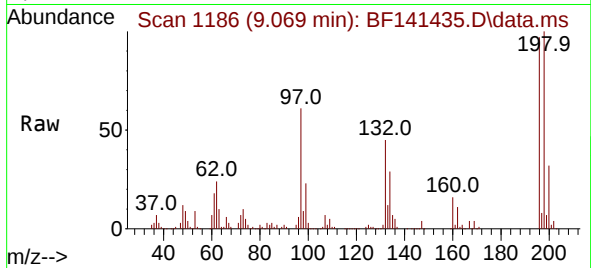
Tgt Ion:330 Resp: 127994
Ion Ratio Lower Upper
330 100
332 94.8 76.1 114.1
141 38.5 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 41.315 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

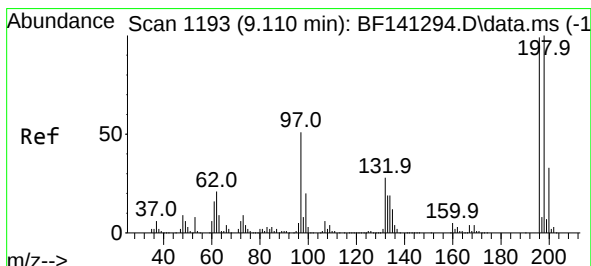
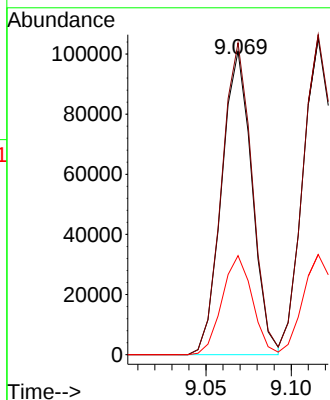
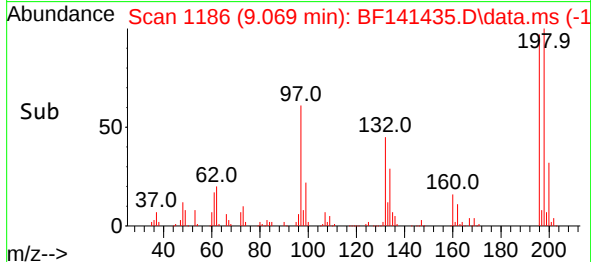
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



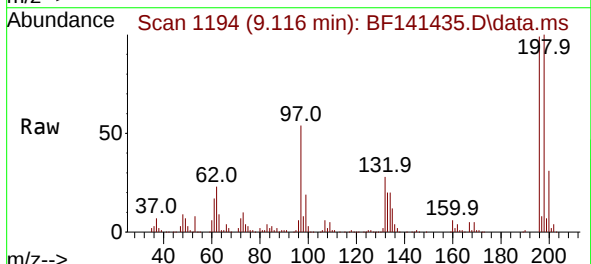
Tgt Ion:196 Resp: 12521
Ion Ratio Lower Upper
196 100
198 102.7 81.8 122.6
200 32.6 26.3 39.5

Manual Integrations
APPROVED

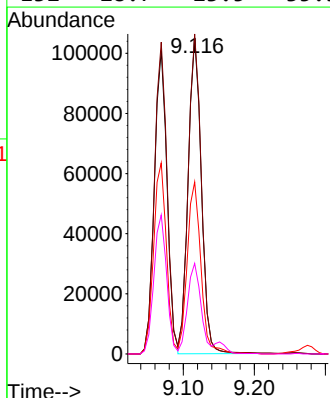
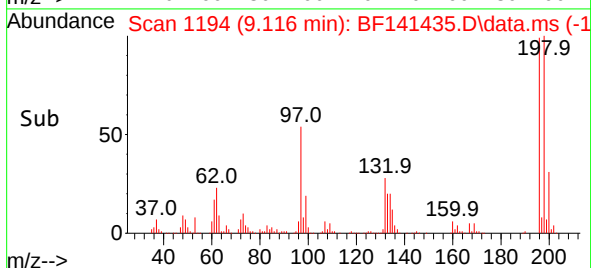
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

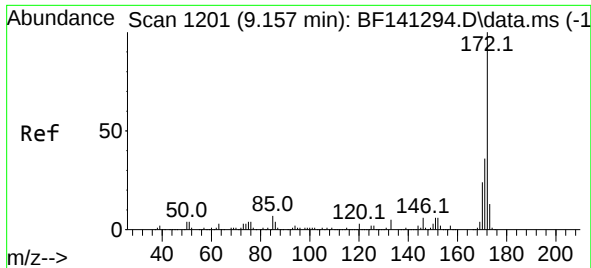


#44
2,4,5-Trichlorophenol
Concen: 41.284 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



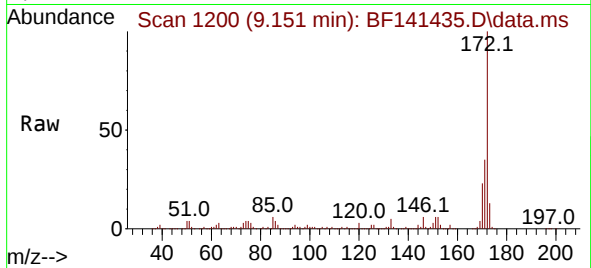
Tgt Ion:196 Resp: 136179
Ion Ratio Lower Upper
196 100
198 101.2 80.5 120.7
97 54.4 42.8 64.2
132 28.7 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 82.364 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

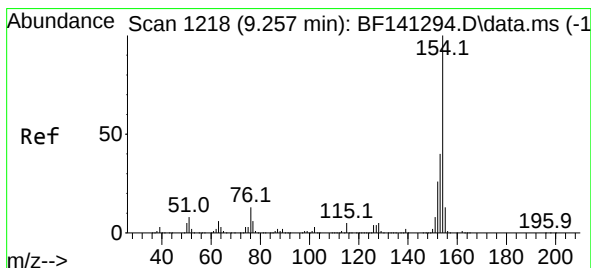
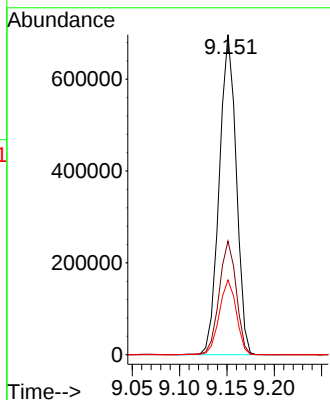
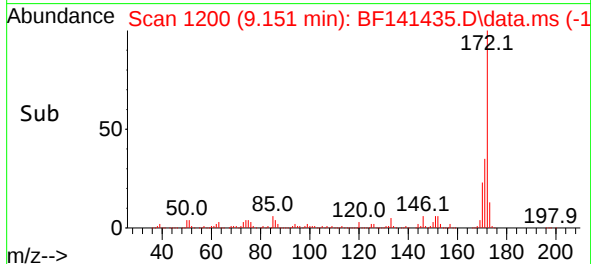
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



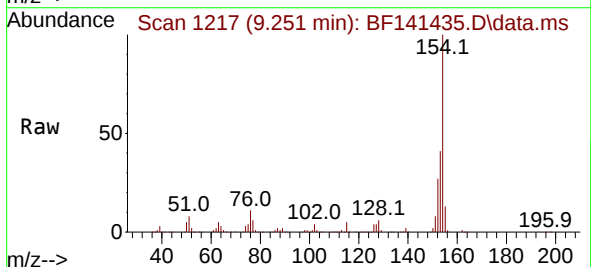
Tgt Ion:172 Resp: 87093
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 19.0 28.6

Manual Integrations
APPROVED

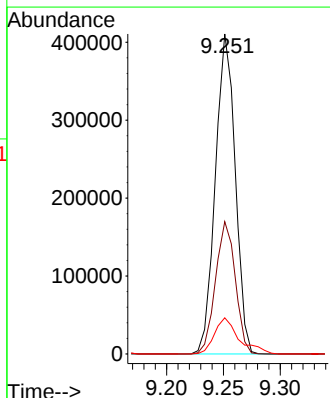
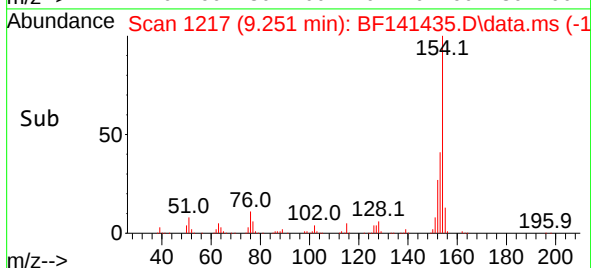
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#46
1,1'-Biphenyl
Concen: 39.392 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:154 Resp: 500011
Ion Ratio Lower Upper
154 100
153 41.3 20.0 60.0
76 11.3 0.0 32.8





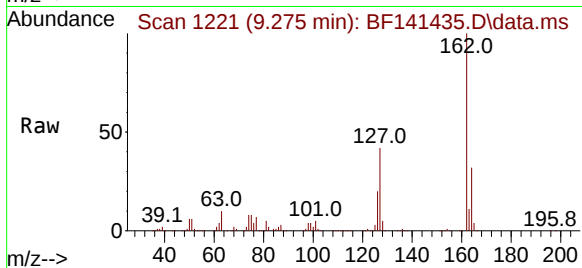
#47
2-Chloronaphthalene
Concen: 40.191 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

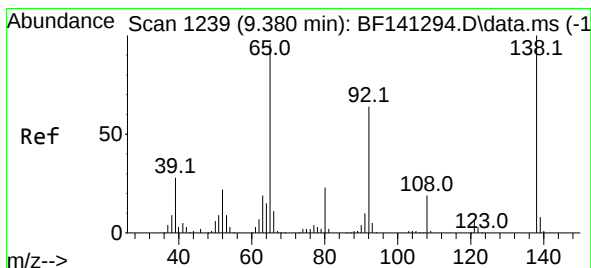
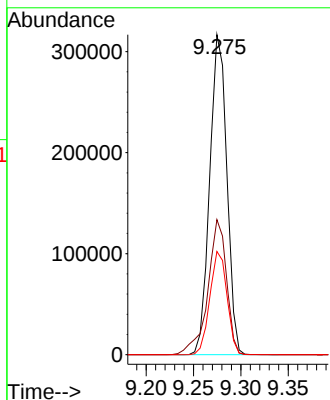
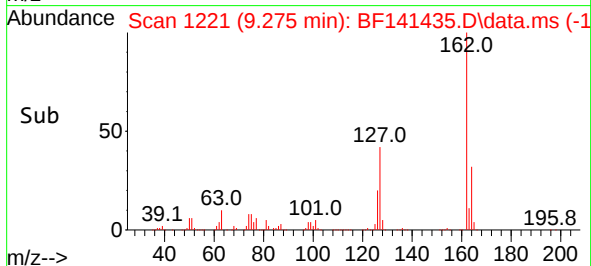
SSTDCCC040



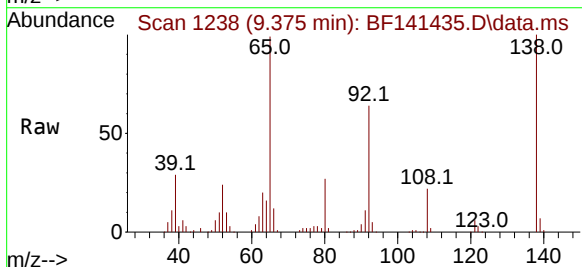
Tgt Ion:162 Resp: 397639
Ion Ratio Lower Upper
162 100
127 42.2 33.7 50.5
164 32.3 25.9 38.9

Manual Integrations
APPROVED

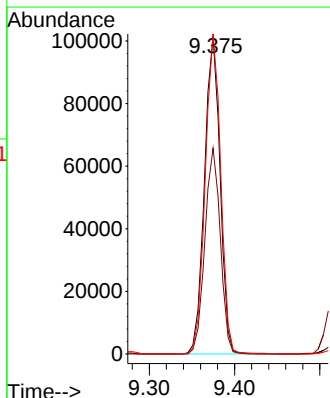
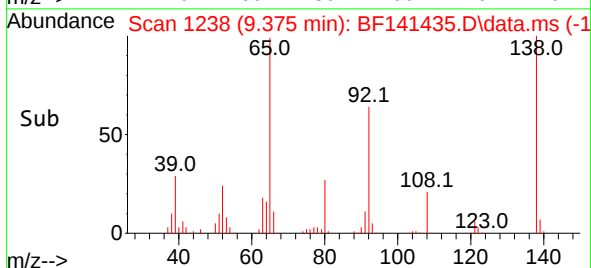
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#48
2-Nitroaniline
Concen: 41.385 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion: 65 Resp: 128787
Ion Ratio Lower Upper
65 100
92 64.8 53.3 79.9
138 100.8 83.6 125.4





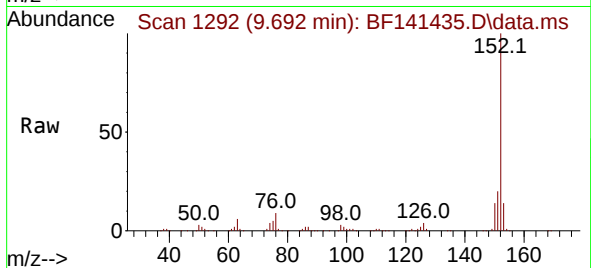
#49
Acenaphthylene
Concen: 39.872 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



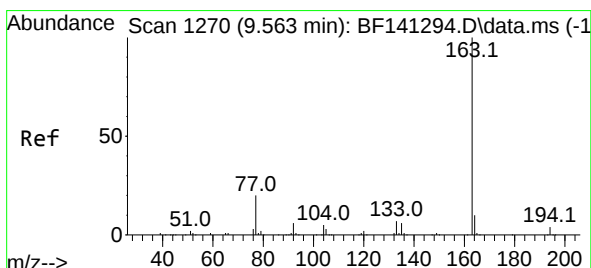
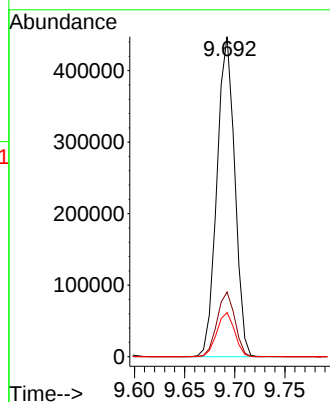
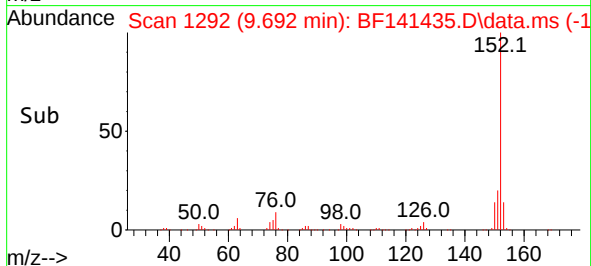
Tgt Ion:152 Resp: 552204
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.8 11.0 16.6

Manual Integrations

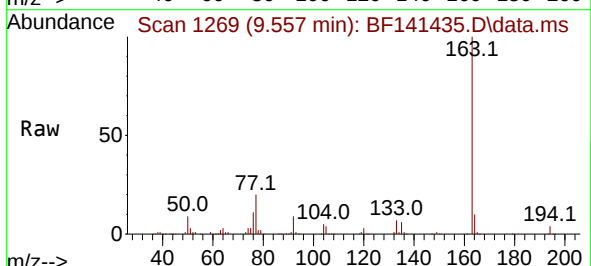
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

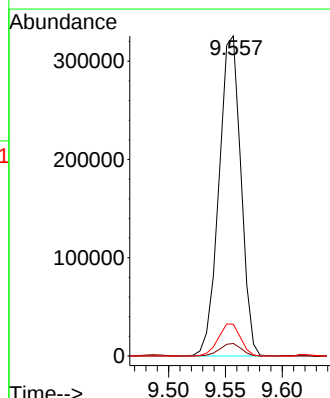
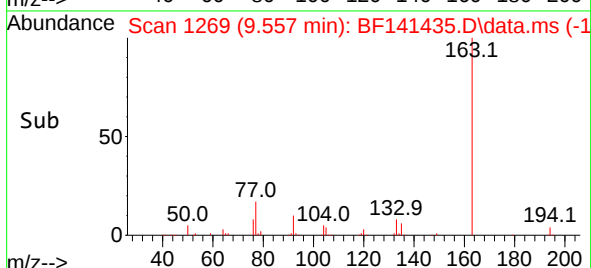
Supervised By :mohammad ahmed 02/06/2025

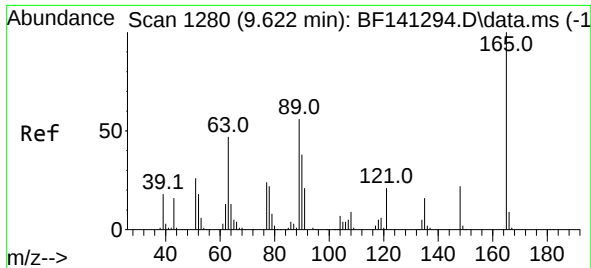


#50
Dimethylphthalate
Concen: 39.828 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:163 Resp: 437816
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.0 12.0





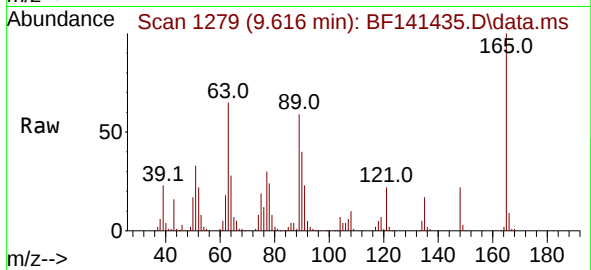
#51
2,6-Dinitrotoluene
Concen: 40.695 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



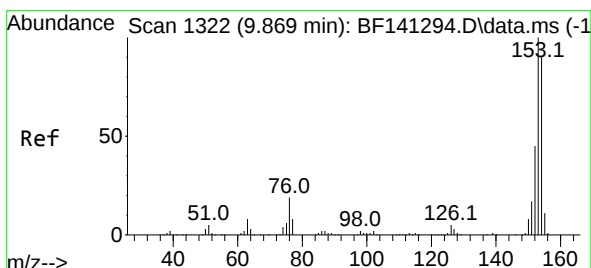
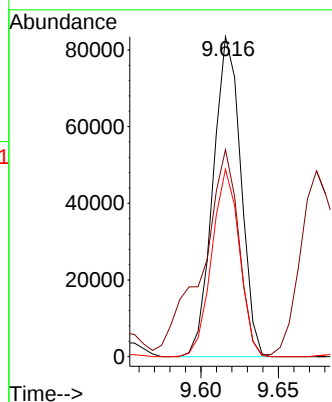
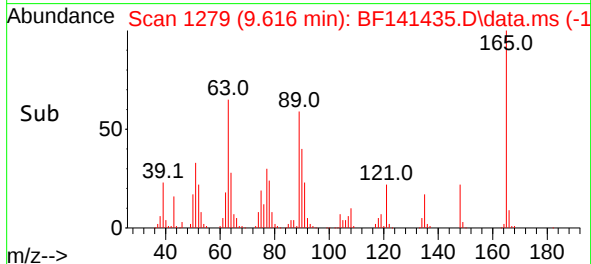
Tgt Ion:165 Resp: 10386
Ion Ratio Lower Upper
165 100
63 64.7 48.1 72.1
89 58.6 44.9 67.3

Manual Integrations

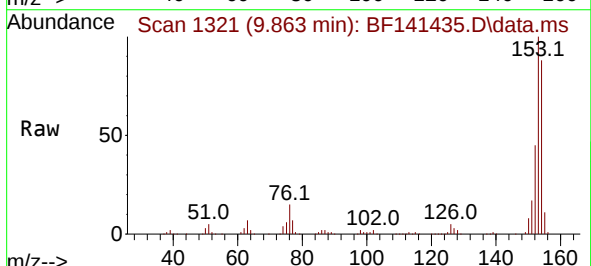
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

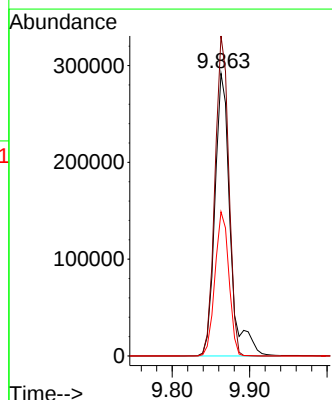
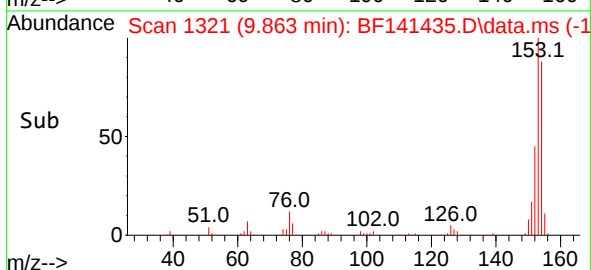
Supervised By :mohammad ahmed 02/06/2025

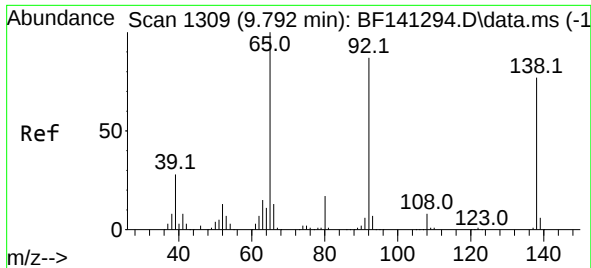


#52
Acenaphthene
Concen: 40.520 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



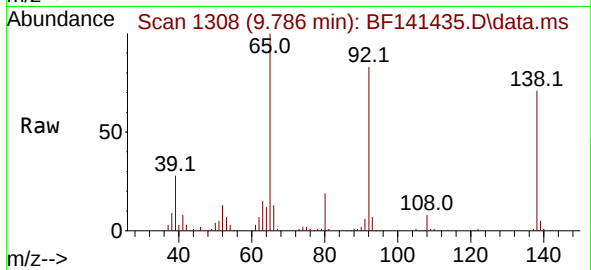
Tgt Ion:154 Resp: 400902
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.4
152 51.0 40.2 60.4





#53
3-Nitroaniline
Concen: 40.165 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

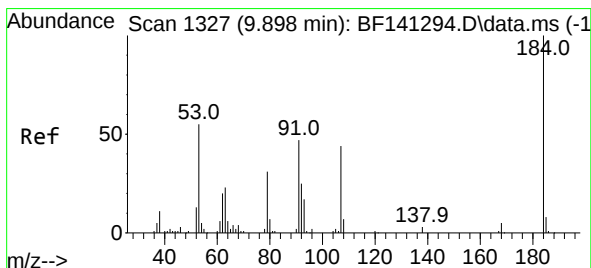
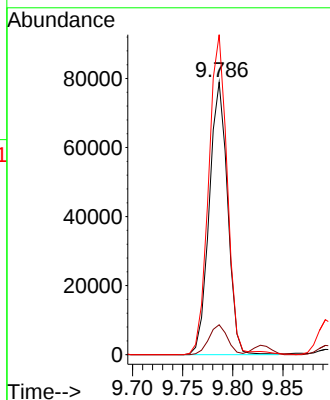
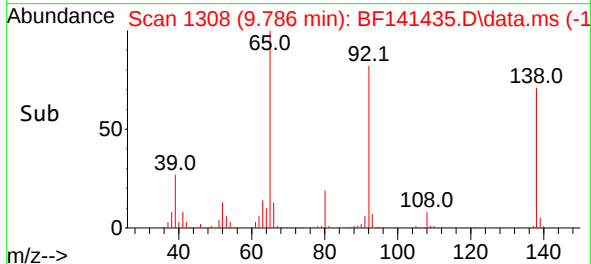
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 100479
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 117.4 91.0 136.6

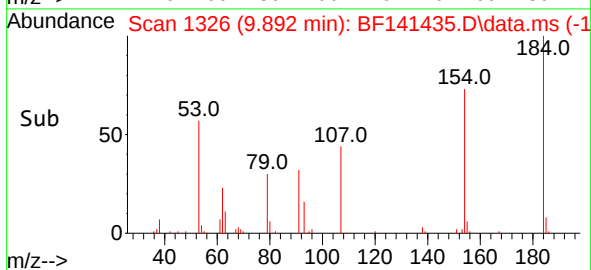
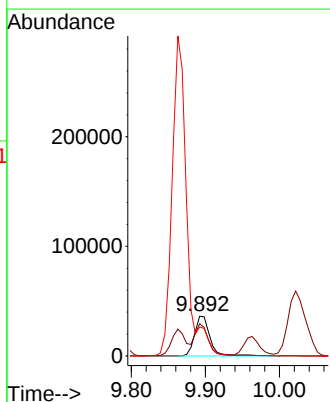
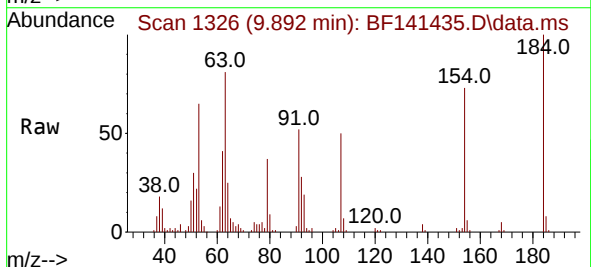
Manual Integrations
APPROVED

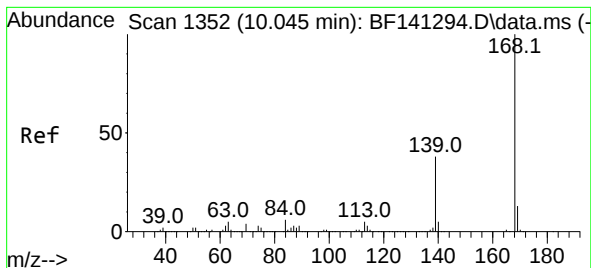
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 43.990 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:184 Resp: 52193
Ion Ratio Lower Upper
184 100
63 81.2 54.1 81.1#
154 73.0 50.7 76.1





#55
Dibenzenofuran
Concen: 39.973 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

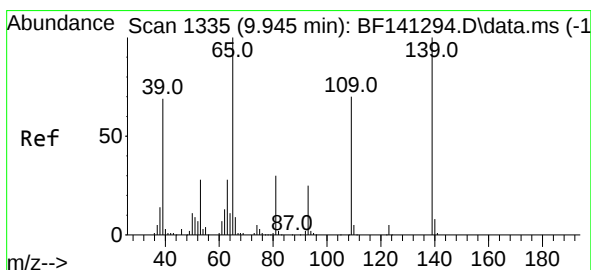
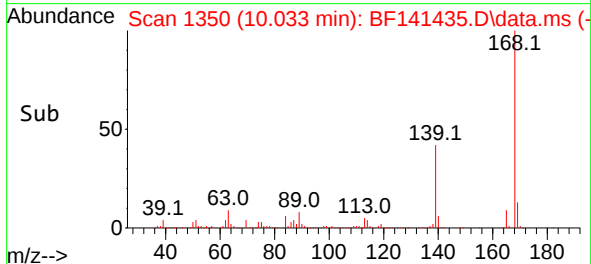
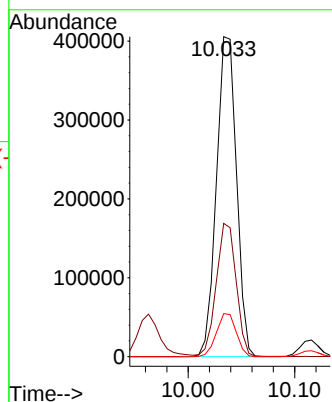
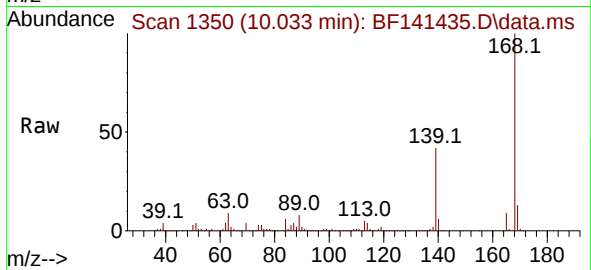
ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 529389
Ion Ratio Lower Upper
168 100
139 41.6 30.6 46.0
169 13.4 10.8 16.2

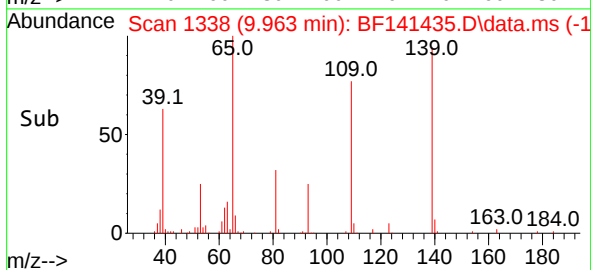
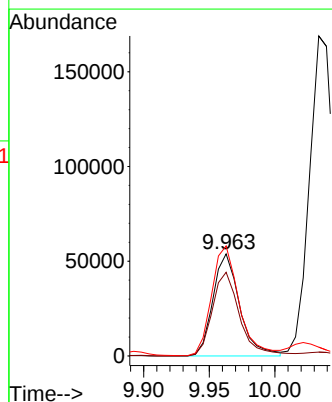
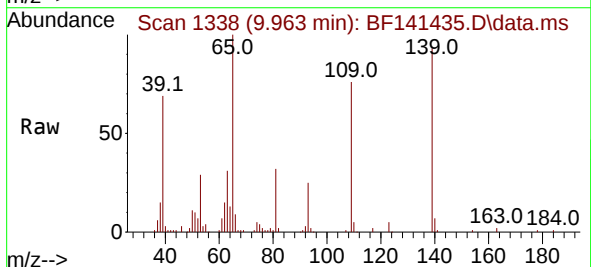
Manual Integrations
APPROVED

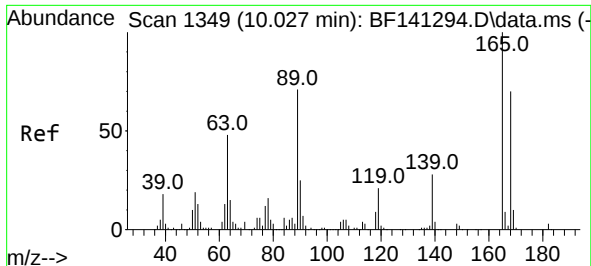
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 41.844 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:139 Resp: 76553
Ion Ratio Lower Upper
139 100
109 82.0 50.2 90.2
65 107.8 80.6 120.6





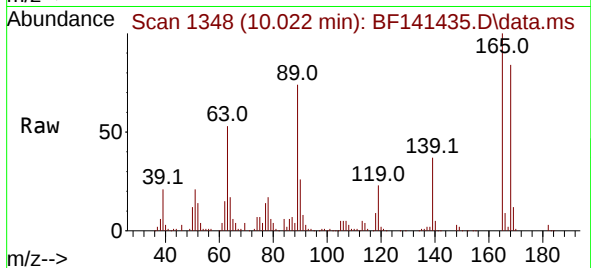
#57
2,4-Dinitrotoluene
Concen: 42.144 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



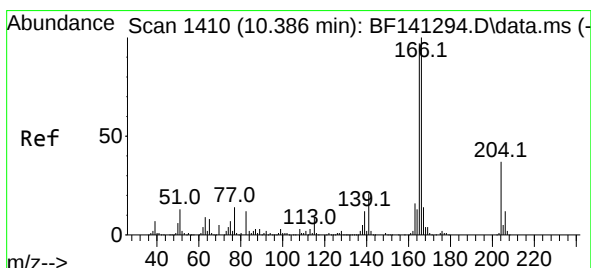
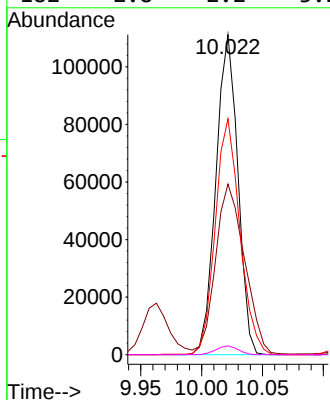
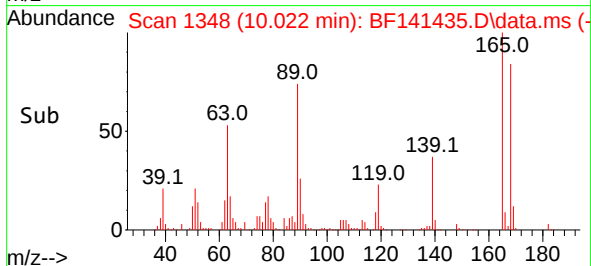
Tgt Ion:165 Resp: 13926
Ion Ratio Lower Upper
165 100
63 53.3 39.2 58.8
89 73.7 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations

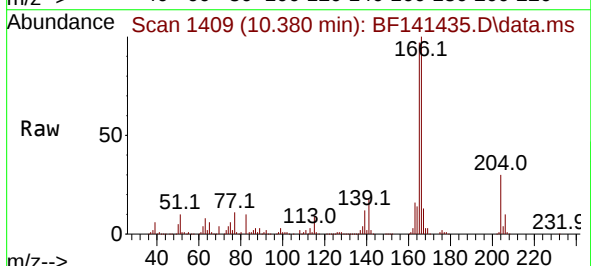
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

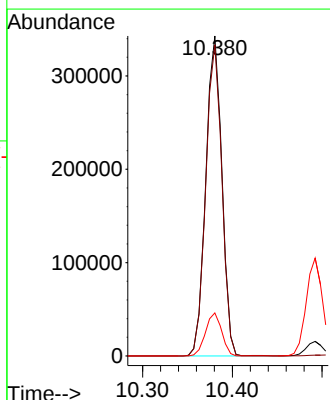
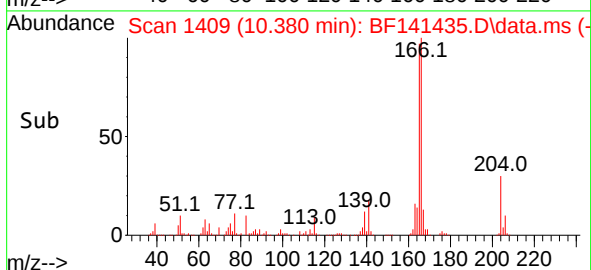
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 41.573 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



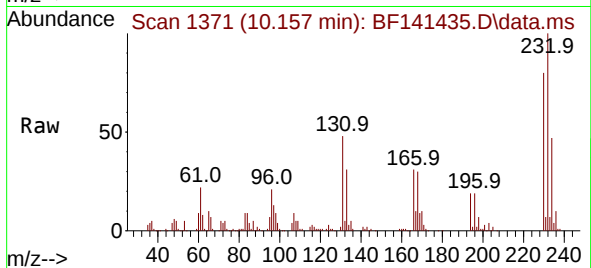
Tgt Ion:166 Resp: 427075
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.052 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

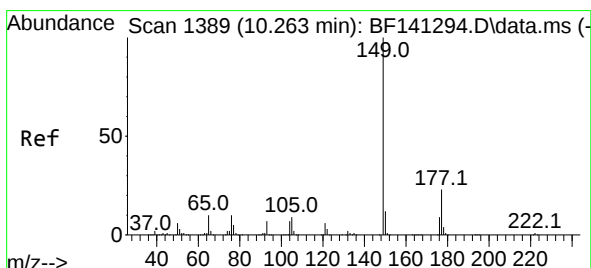
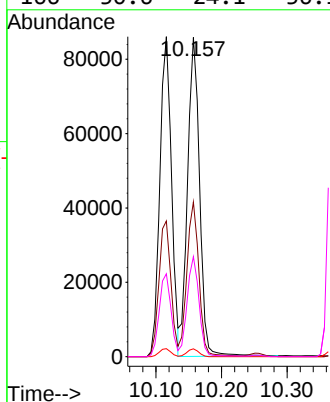
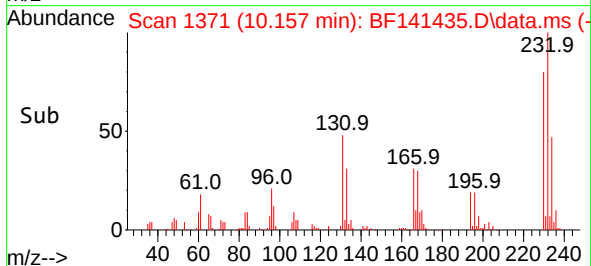
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 109120
Ion Ratio Lower Upper
232 100
131 48.6 36.4 54.6
130 2.4 1.9 2.9
166 30.6 24.1 36.1

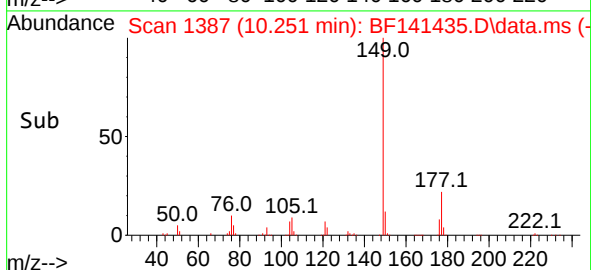
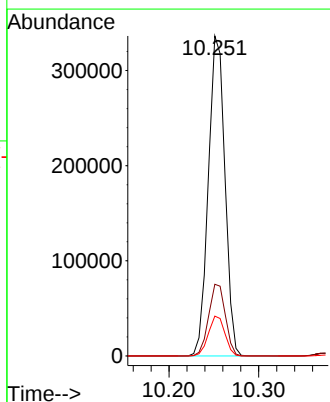
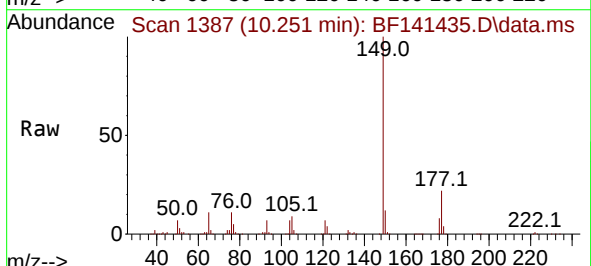
Manual Integrations
APPROVED

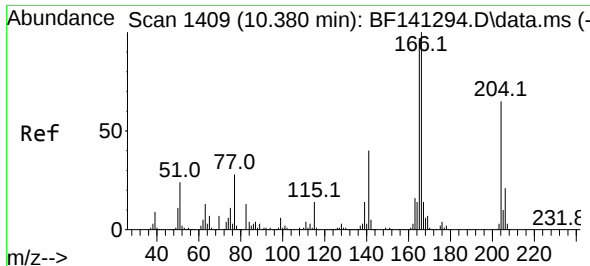
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 40.510 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:149 Resp: 431776
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.5 10.0 15.0





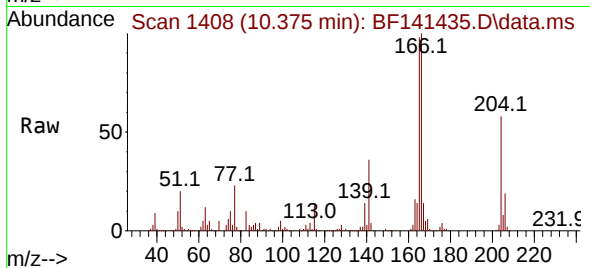
#61
4-Chlorophenyl-phenylether
Concen: 41.761 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

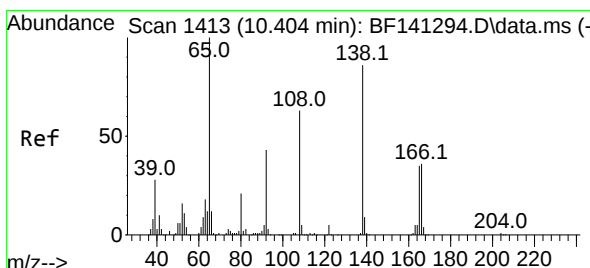
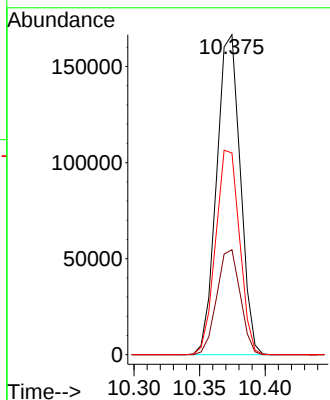
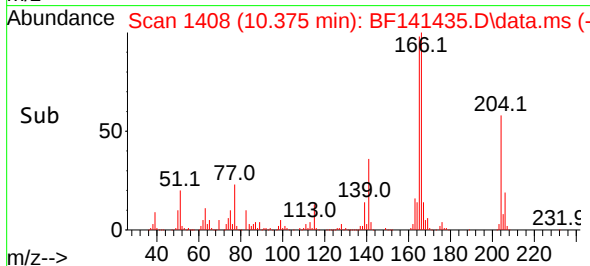


Tgt Ion:204 Resp: 20955
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 63.0 49.5 74.3

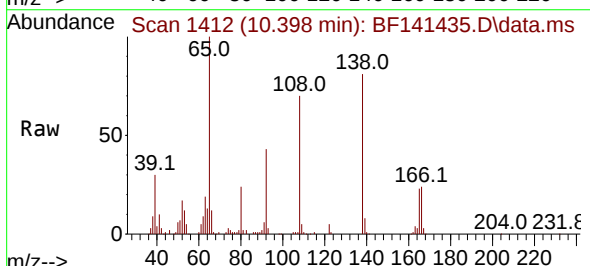
Manual Integrations

APPROVED

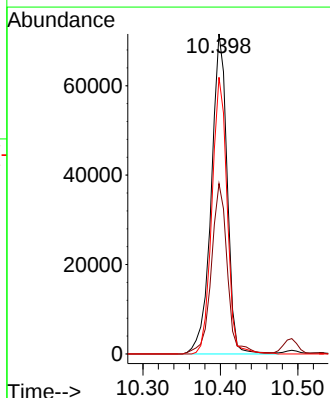
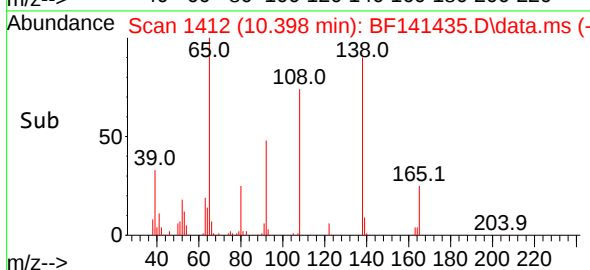
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

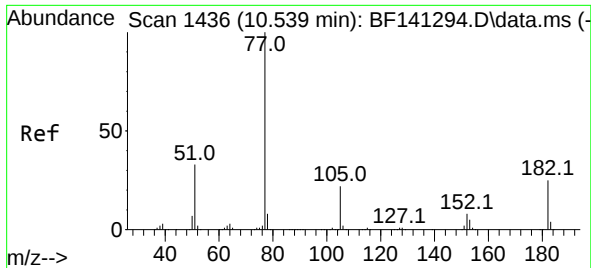


#62
4-Nitroaniline
Concen: 41.554 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:138 Resp: 102198
Ion Ratio Lower Upper
138 100
92 53.3 30.1 70.1
108 86.4 53.1 93.1





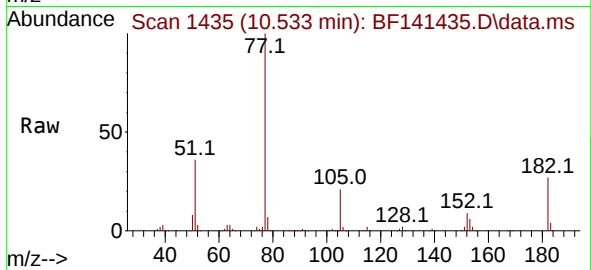
#63
Azobenzene
Concen: 38.055 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

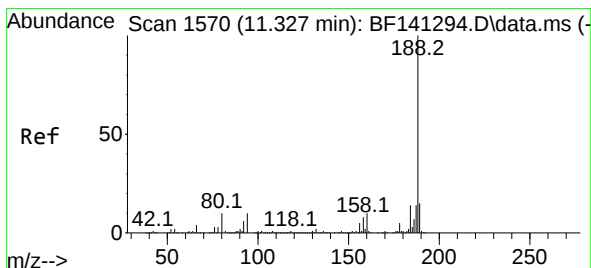
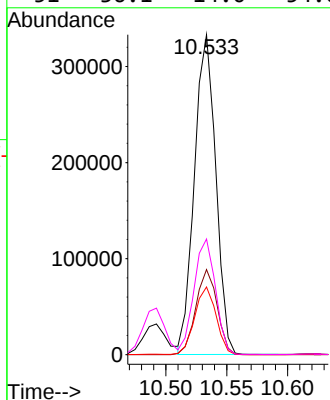
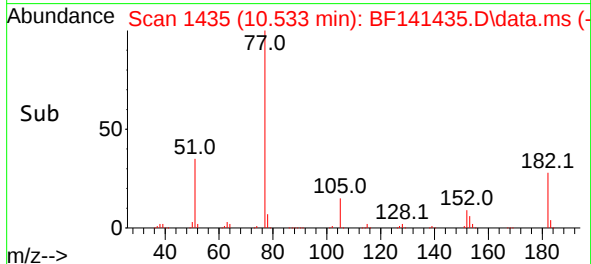


Tgt Ion: 77 Resp: 406009
Ion Ratio Lower Upper
77 100
182 26.6 5.1 45.1
105 21.2 1.8 41.8
51 36.1 14.0 54.0

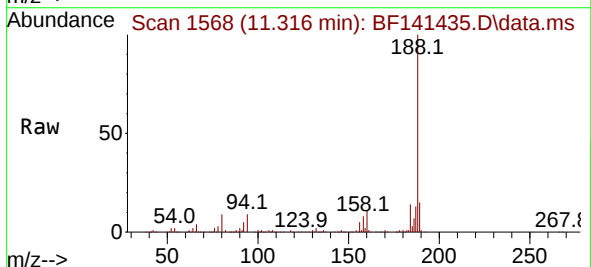
Manual Integrations

APPROVED

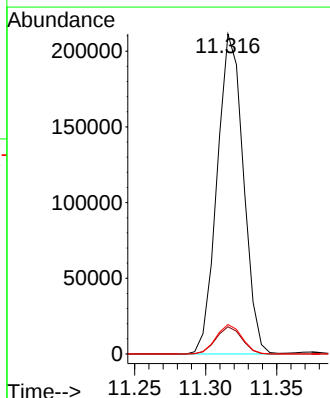
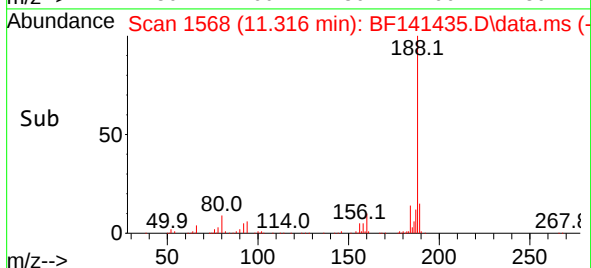
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

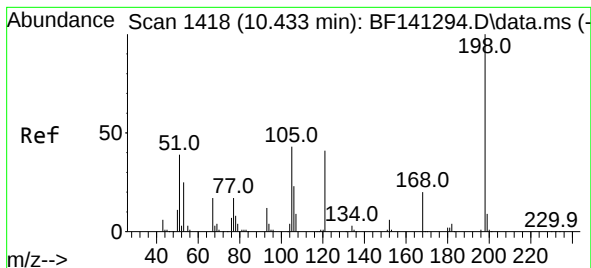


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:188 Resp: 271503
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.2 8.2 12.4





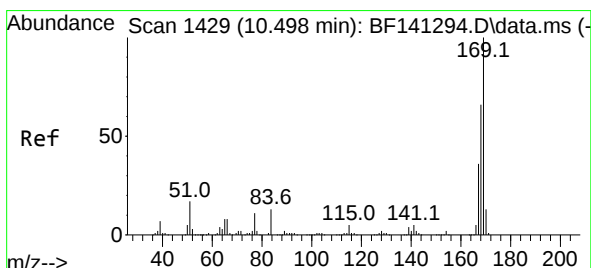
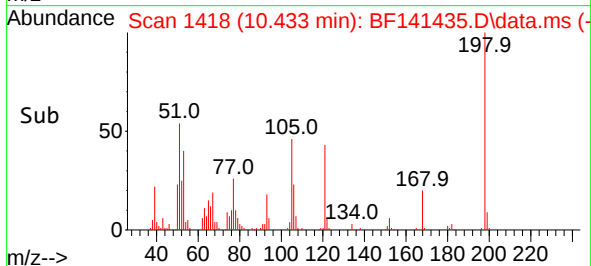
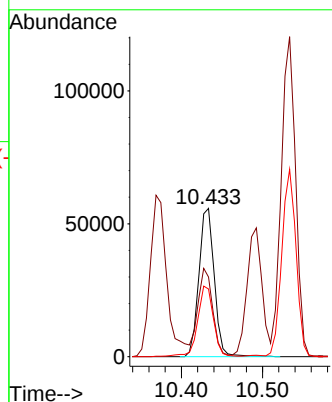
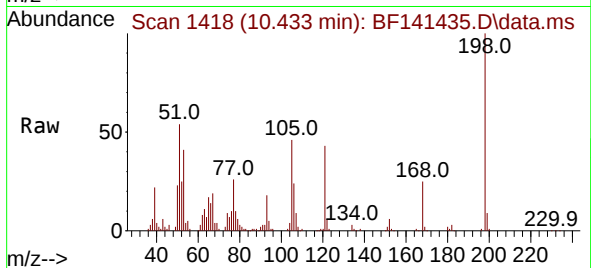
#65
4,6-Dinitro-2-methylphenol
Concen: 45.776 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 73514
Ion Ratio Lower Upper
198 100
51 53.8 33.4 73.4
105 45.7 24.4 64.4

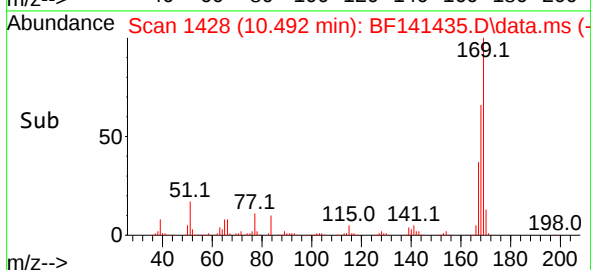
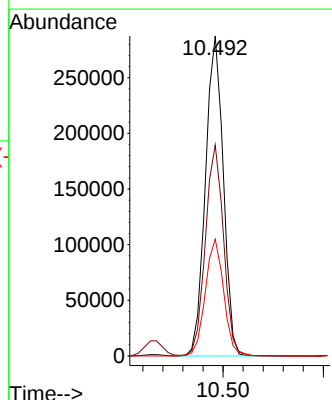
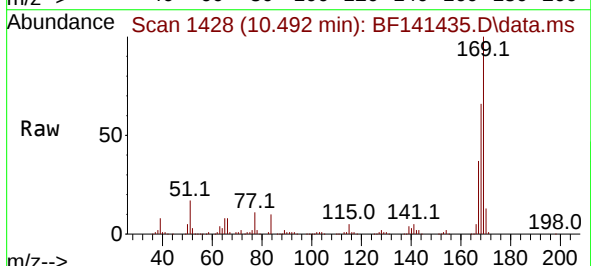
Manual Integrations
APPROVED

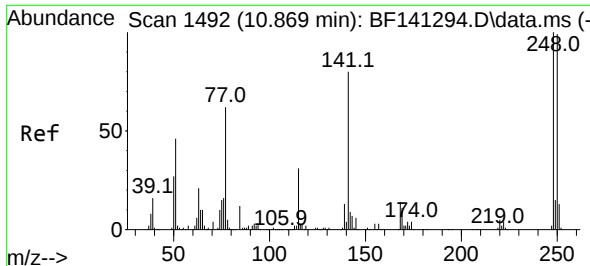
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 40.601 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:169 Resp: 356533
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 36.5 28.8 43.2





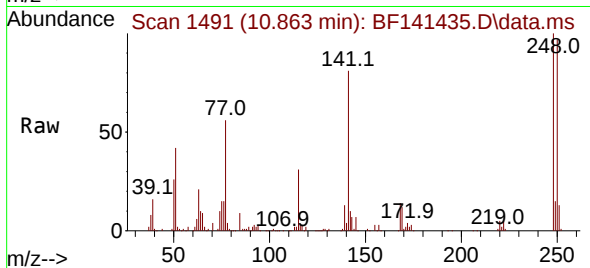
#67
4-Bromophenyl-phenylether
Concen: 41.249 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

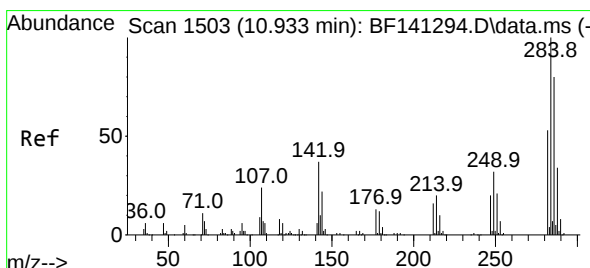
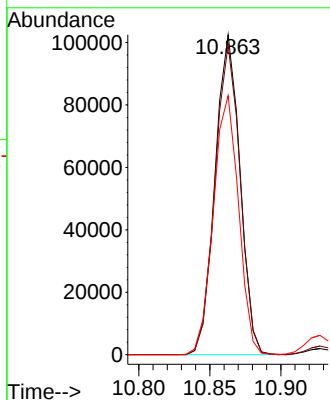
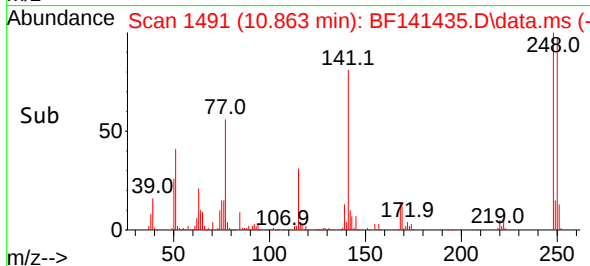


Tgt Ion:248 Resp: 125379
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.4
141 81.0 63.7 95.5

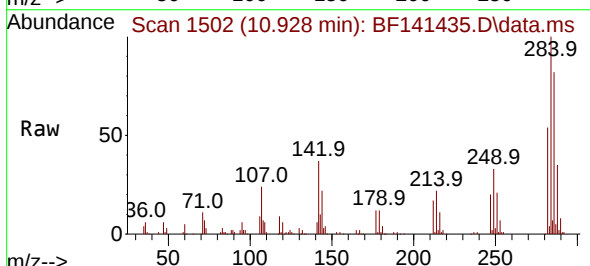
Manual Integrations

APPROVED

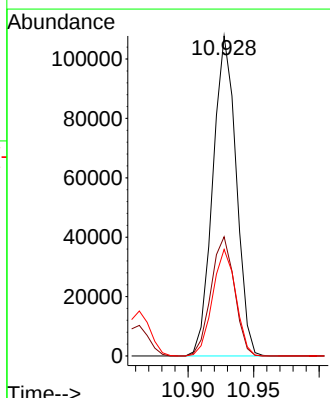
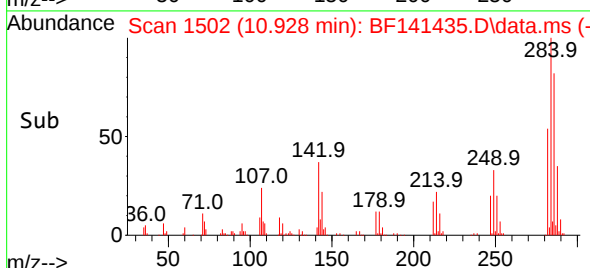
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#68
Hexachlorobenzene
Concen: 41.354 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:284 Resp: 133335
Ion Ratio Lower Upper
284 100
142 37.2 29.5 44.3
249 33.3 25.4 38.2





#69

Atrazine

Concen: 37.040 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 10875

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

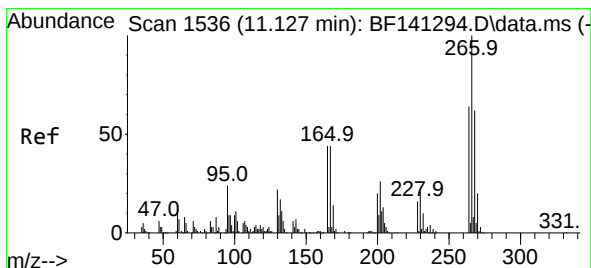
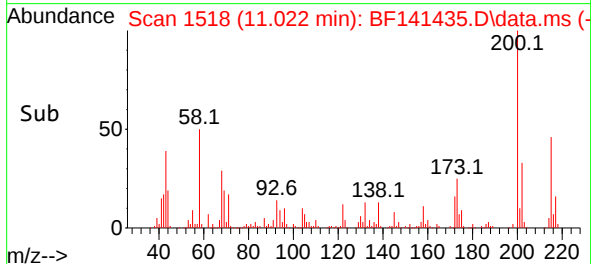
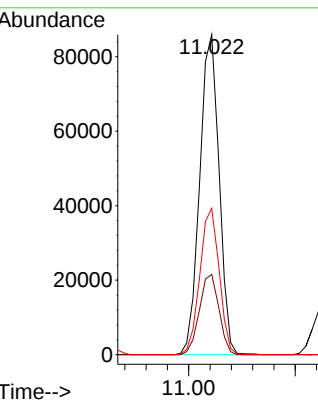
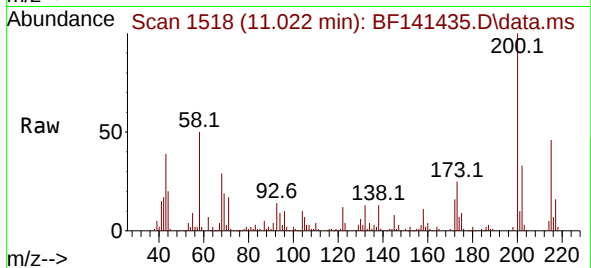
215 45.7 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 43.436 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

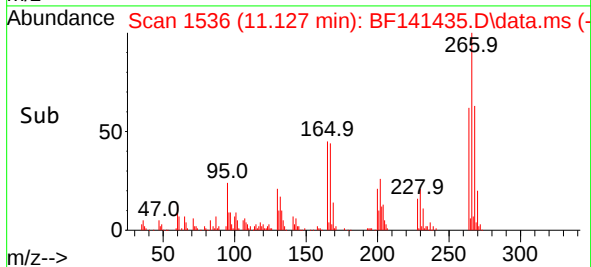
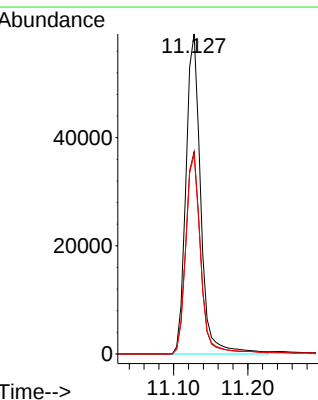
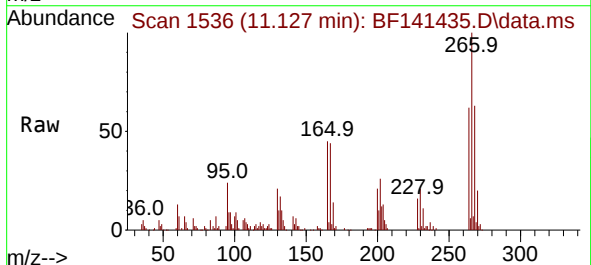
Tgt Ion:266 Resp: 82010

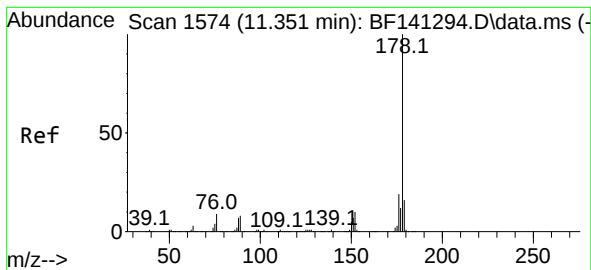
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

264 62.3 51.0 76.4





#71

Phenanthrene

Concen: 41.476 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 60531

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

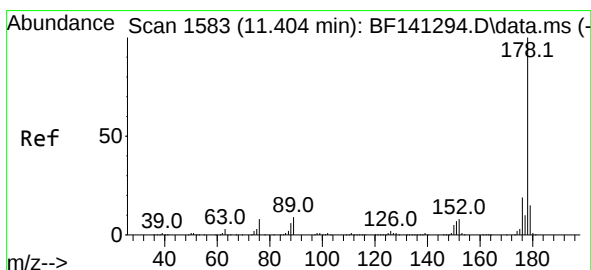
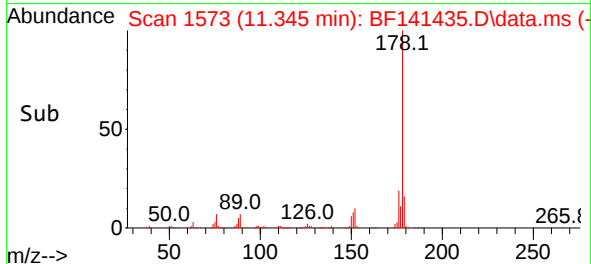
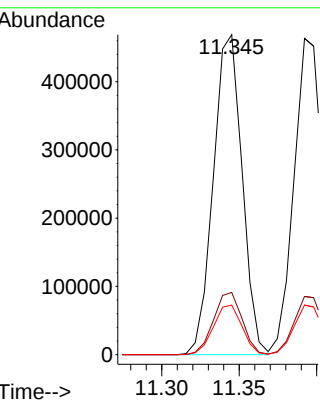
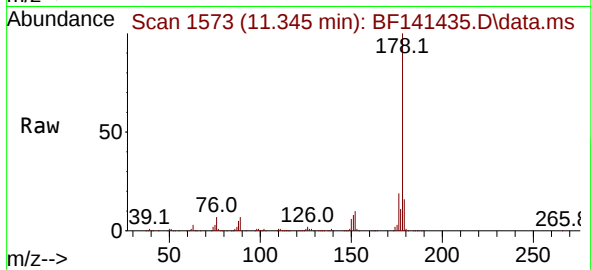
179 15.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#72

Anthracene

Concen: 41.812 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

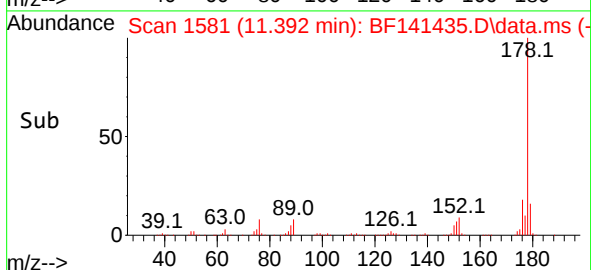
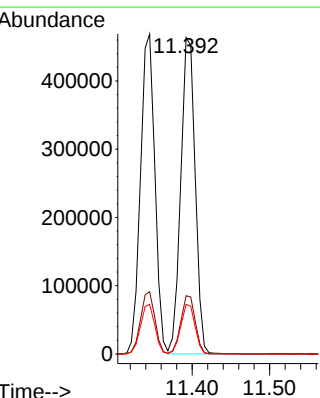
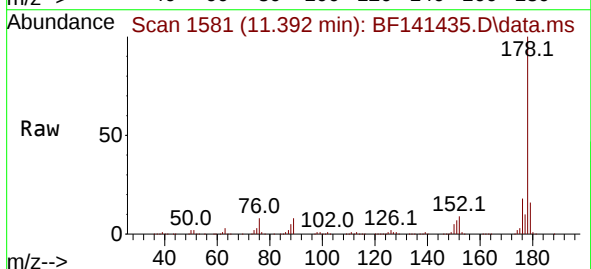
Tgt Ion:178 Resp: 597915

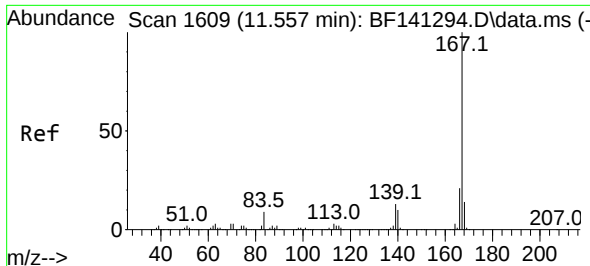
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

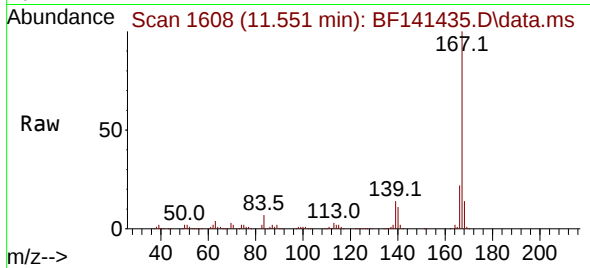
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 43.048 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02

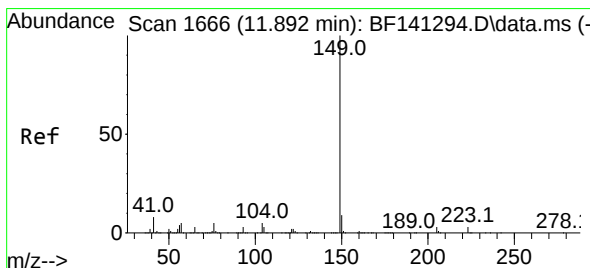
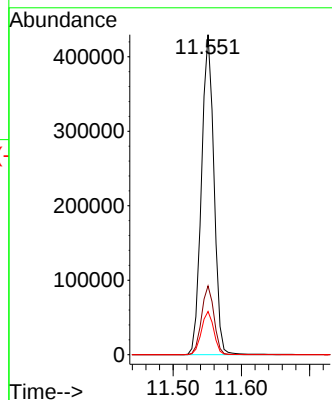
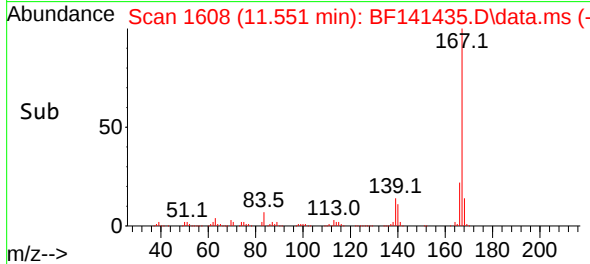
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



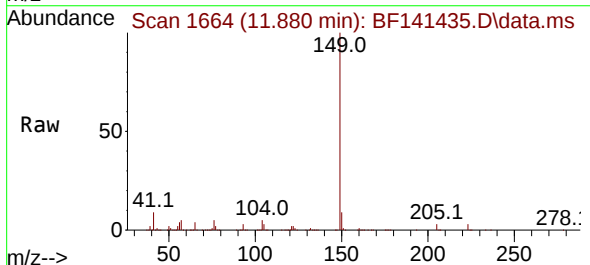
Tgt Ion:167 Resp: 54585
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.5 10.6 16.0

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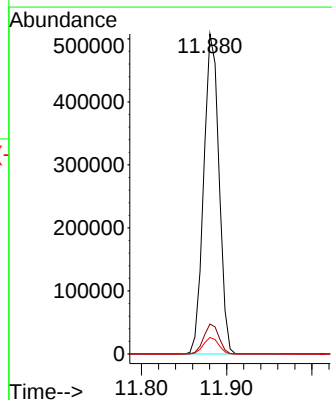
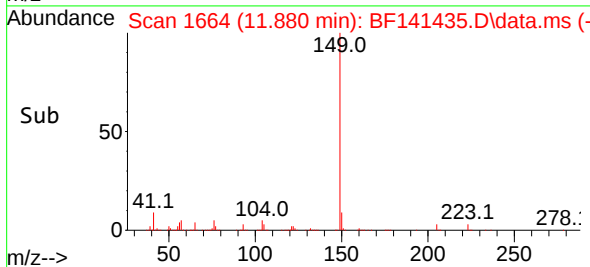
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

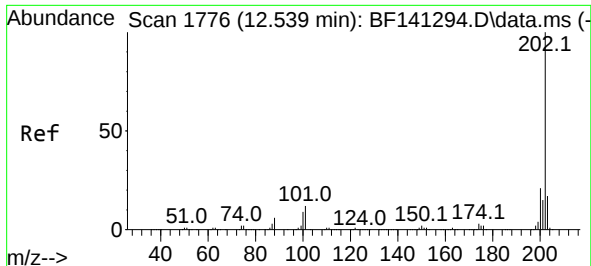


#74
 Di-n-butylphthalate
 Concen: 41.155 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02



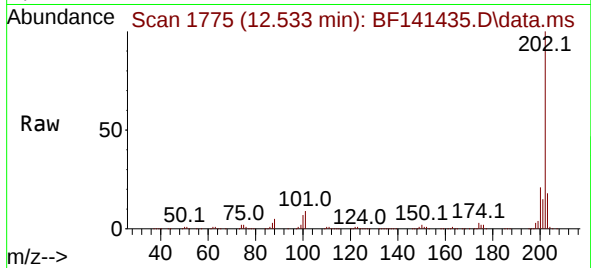
Tgt Ion:149 Resp: 632426
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 43.486 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

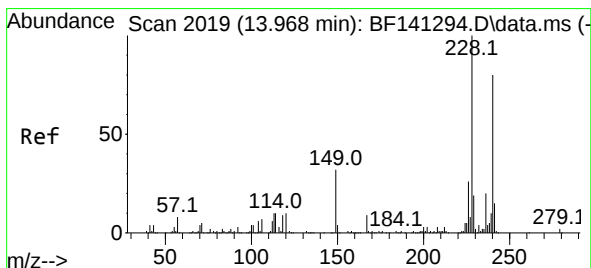
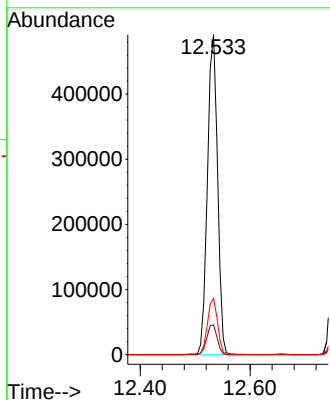
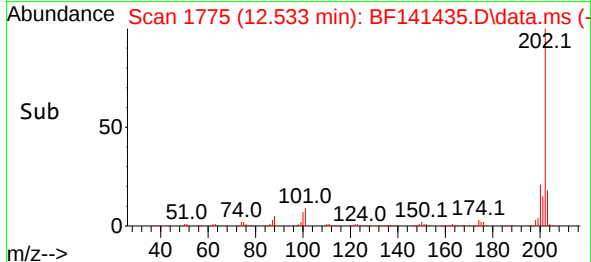
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



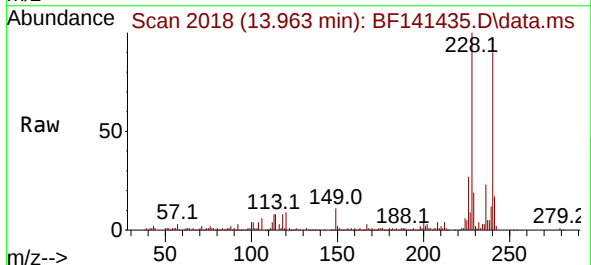
Tgt Ion:202 Resp: 626640
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.7
203 17.6 0.0 37.5

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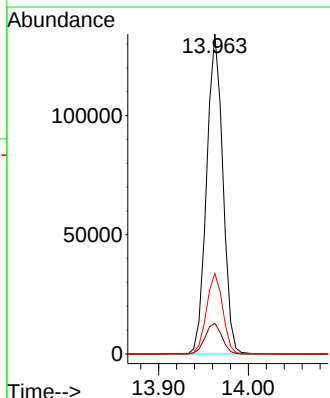
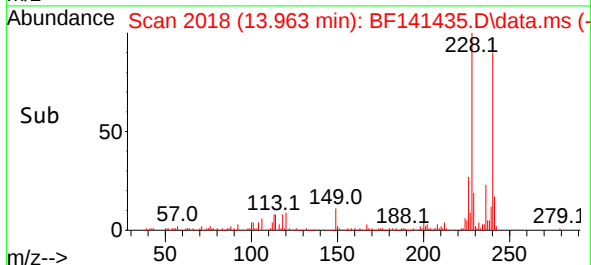
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

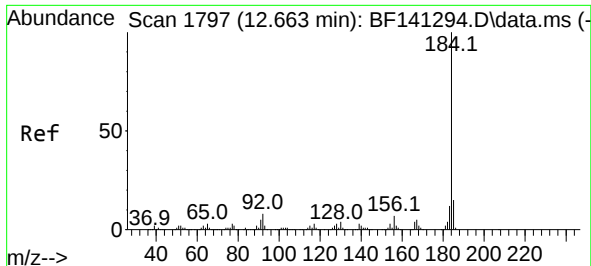


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



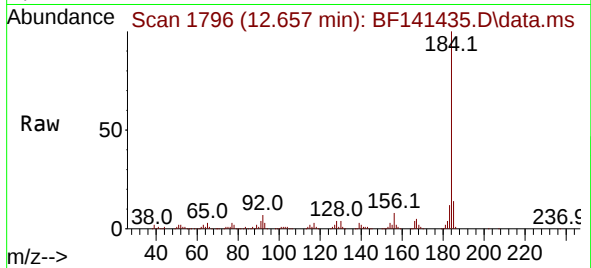
Tgt Ion:240 Resp: 168458
Ion Ratio Lower Upper
240 100
120 9.6 10.0 15.0#
236 25.2 19.7 29.5





#77
Benzidine
Concen: 38.432 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

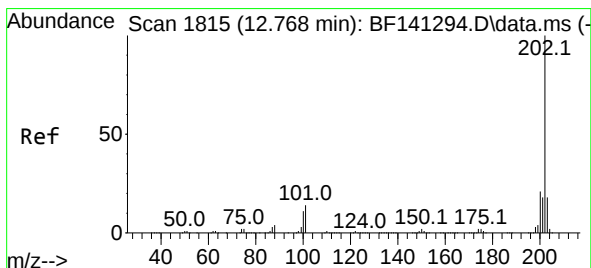
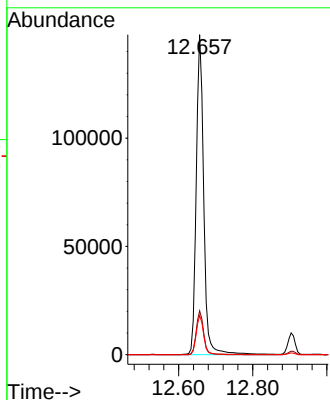
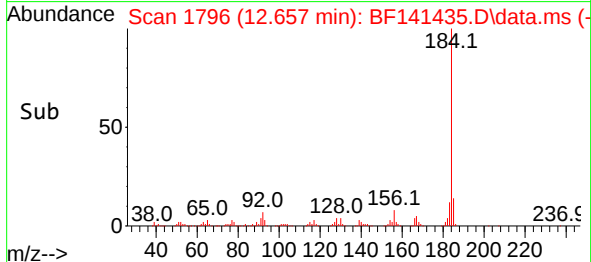
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 207554
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 12.3 9.5 14.3

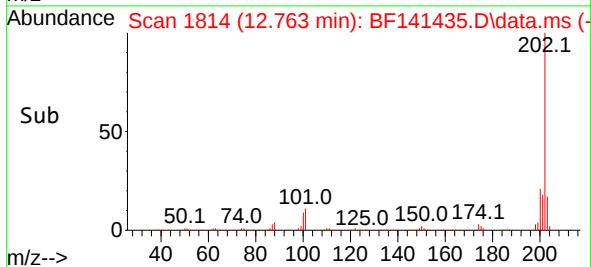
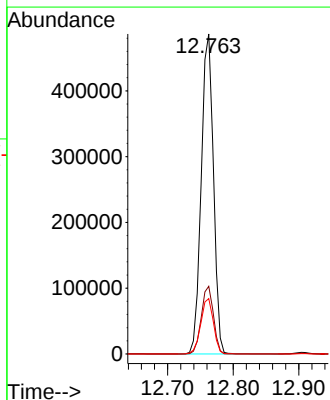
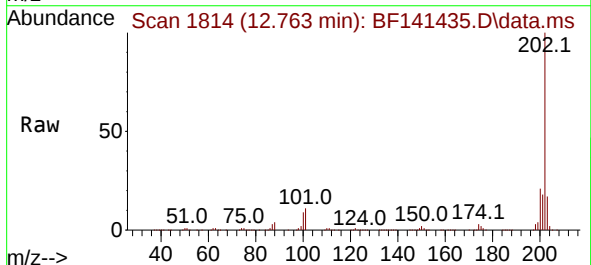
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 39.047 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Tgt Ion:202 Resp: 631407
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.3 14.3 21.5





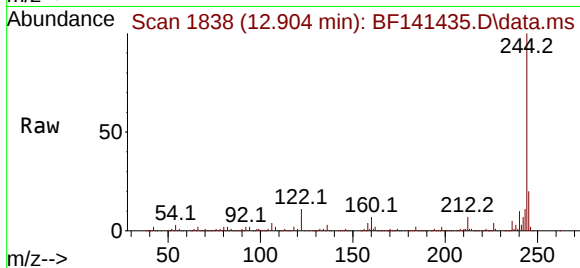
#79
 Terphenyl-d14
 Concen: 79.581 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

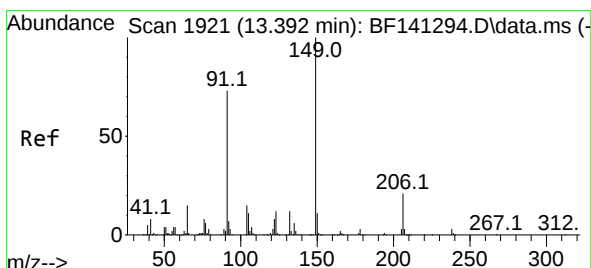
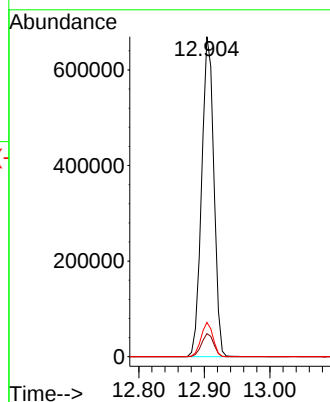
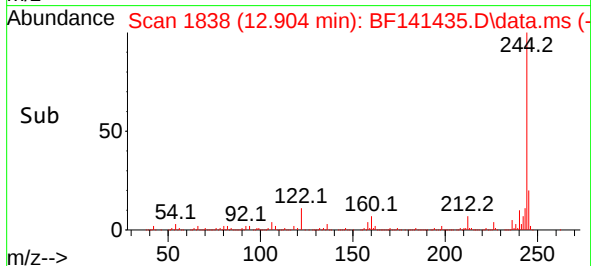


Tgt Ion:244 Resp: 869288
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.7 8.8 13.2

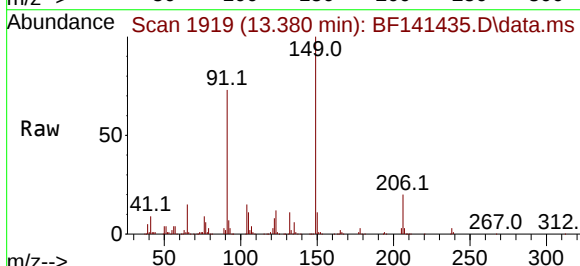
Manual Integrations

APPROVED

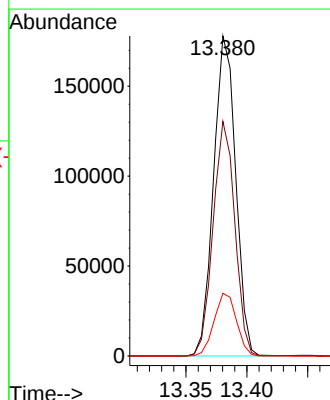
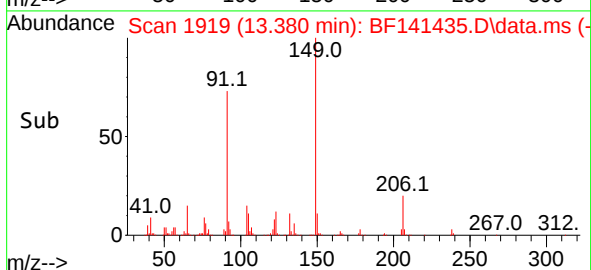
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

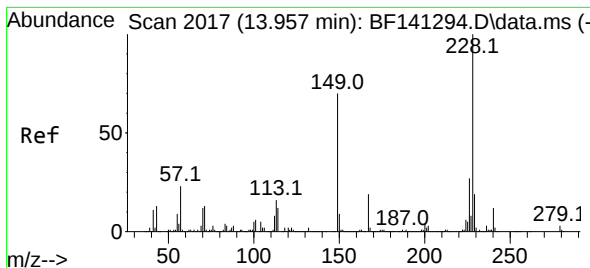


#80
 Butylbenzylphthalate
 Concen: 39.778 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141435.D
 Acq: 05 Feb 2025 10:02



Tgt Ion:149 Resp: 224717
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.6 87.8
 206 19.6 16.7 25.1





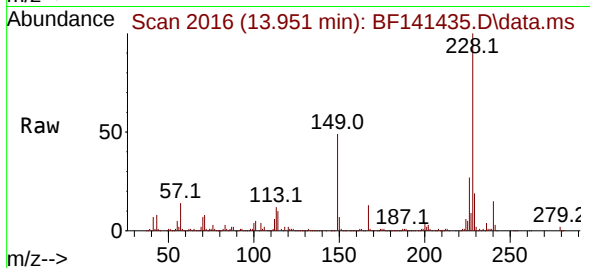
#81
Benzo(a)anthracene
Concen: 37.964 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

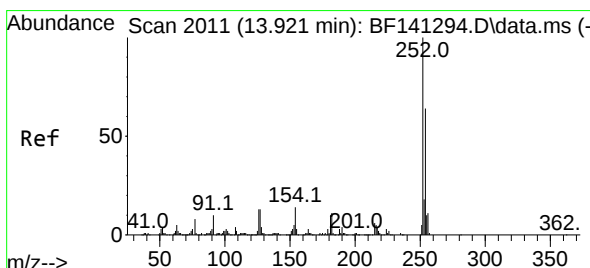
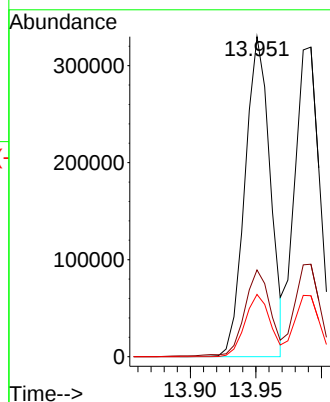
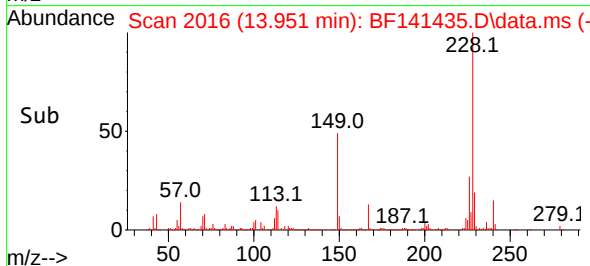


Tgt Ion:228 Resp: 441320
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.5 15.5 23.3

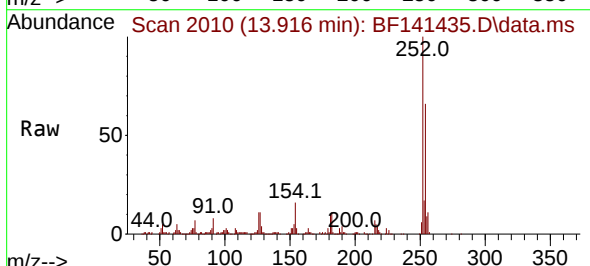
Manual Integrations

APPROVED

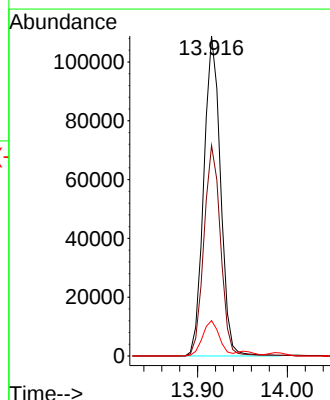
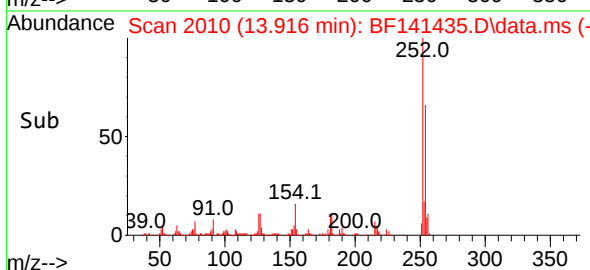
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

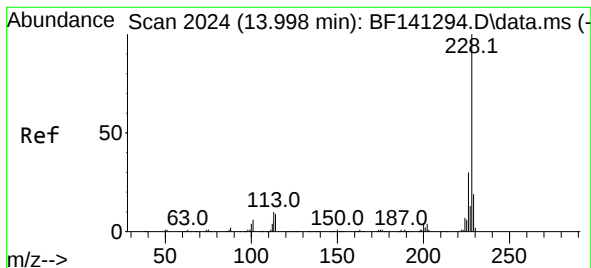


#82
3,3'-Dichlorobenzidine
Concen: 38.153 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:252 Resp: 141060
Ion Ratio Lower Upper
252 100
254 65.8 51.3 76.9
126 11.0 10.0 15.0





#83

Chrysene

Concen: 39.290 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 41857

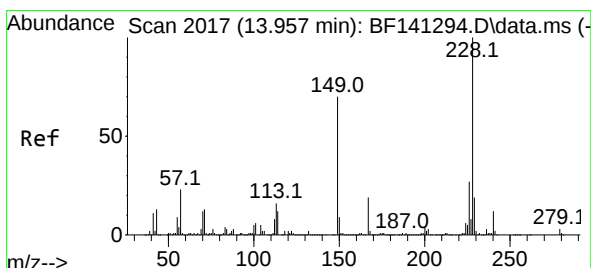
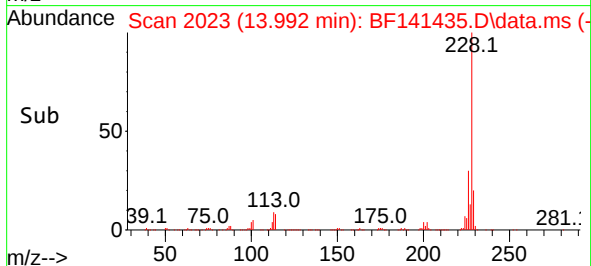
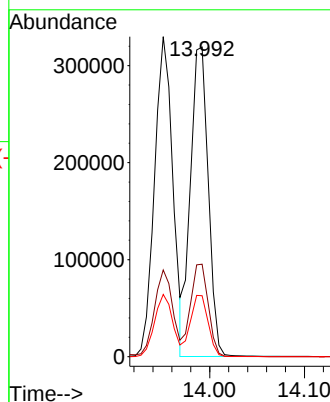
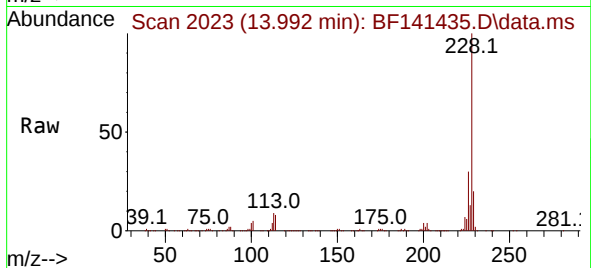
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.586 ng

RT: 13.945 min Scan# 2015

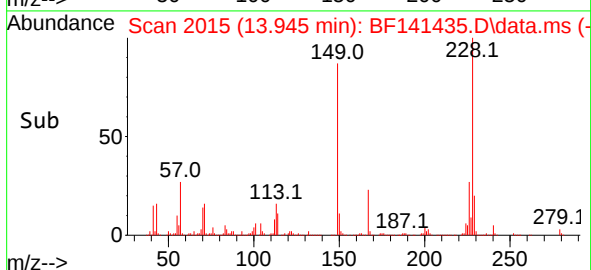
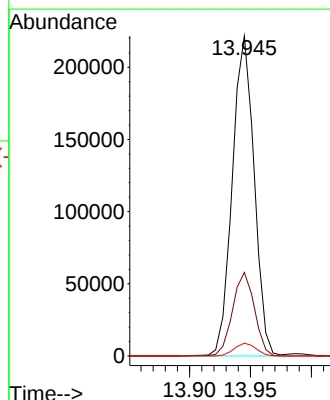
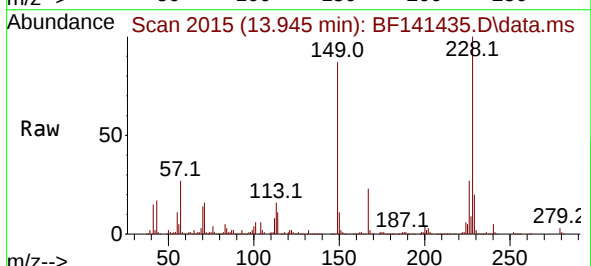
Delta R.T. -0.012 min

Lab File: BF141435.D

Acq: 05 Feb 2025 10:02

Tgt Ion:149 Resp: 276519

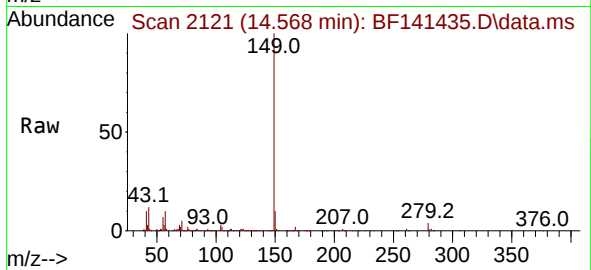
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.8
279	4.0	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 37.624 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

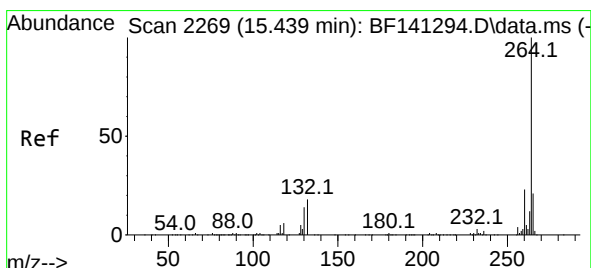
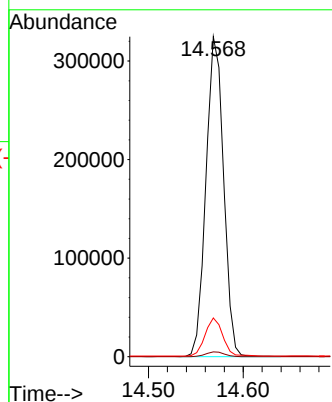
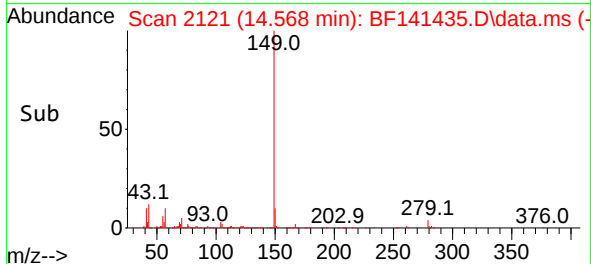
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



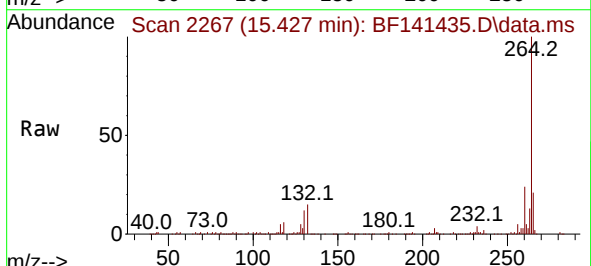
Tgt Ion:149 Resp: 418773
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.8 14.8

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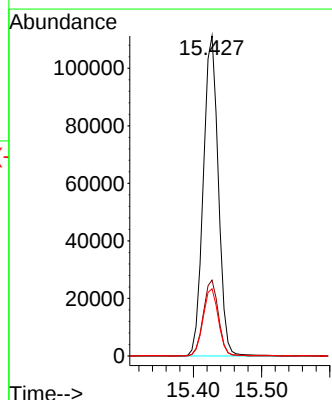
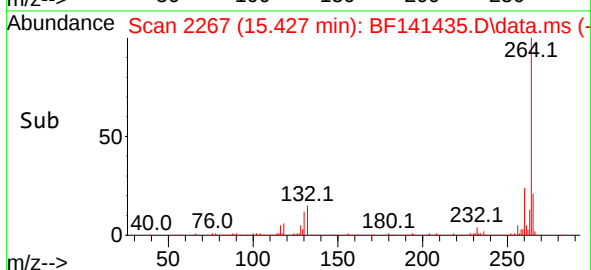
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:264 Resp: 170248
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.0 16.7 25.1





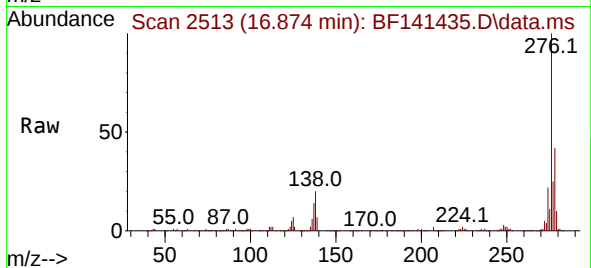
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.712 ng
RT: 16.874 min Scan# 2113
Delta R.T. -0.024 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

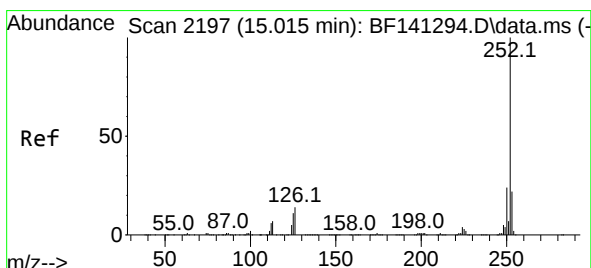
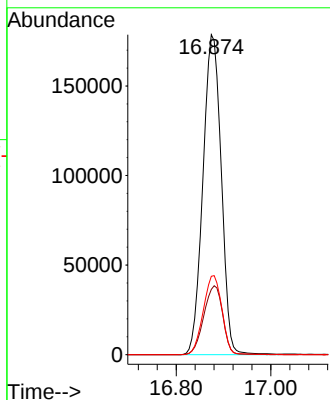
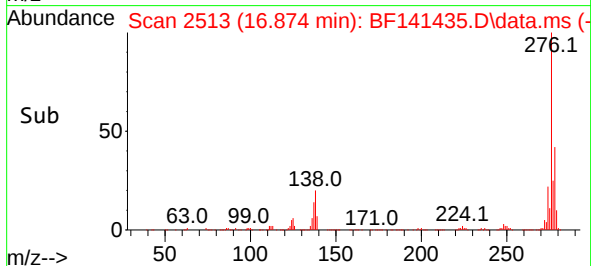


Tgt Ion:276 Resp: 480324
Ion Ratio Lower Upper
276 100
138 22.3 21.7 32.5
277 25.2 20.3 30.5

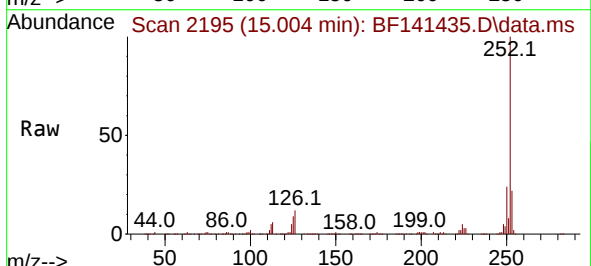
Manual Integrations

APPROVED

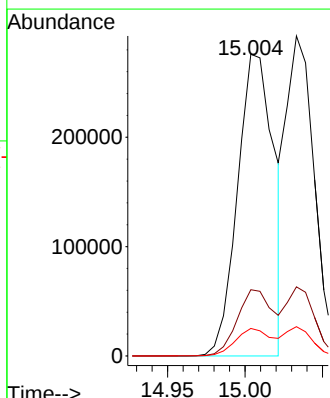
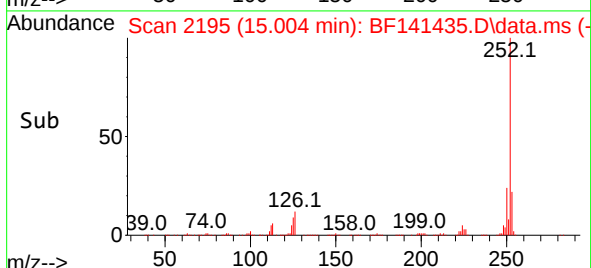
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#88
Benzo(b)fluoranthene
Concen: 42.180 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:252 Resp: 451713
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.1 8.6 12.8





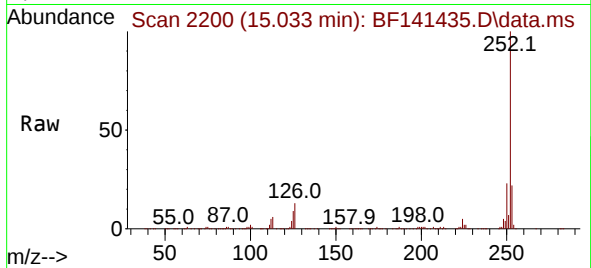
#89
Benzo(k)fluoranthene
Concen: 38.829 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

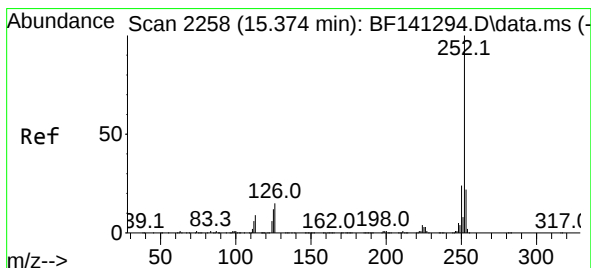
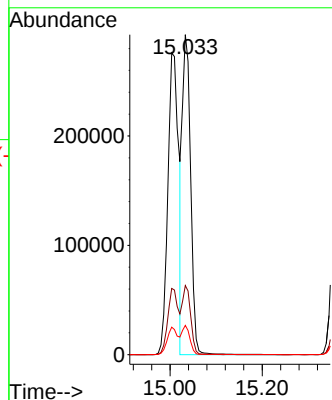
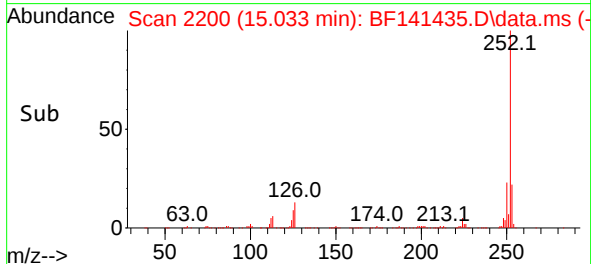


Tgt Ion:252 Resp: 368364
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.1 8.4 12.6

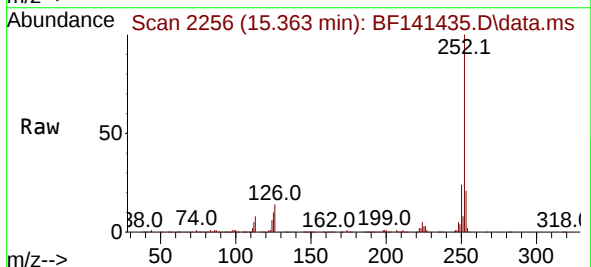
Manual Integrations

APPROVED

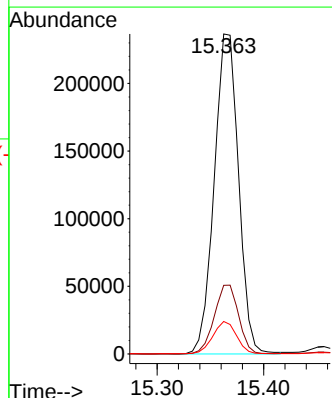
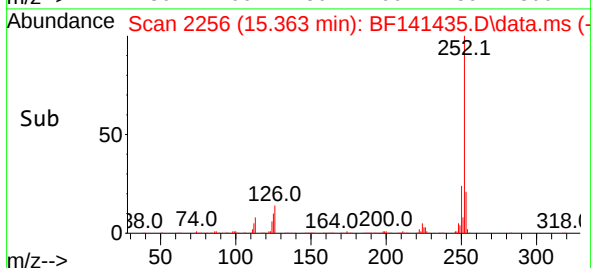
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

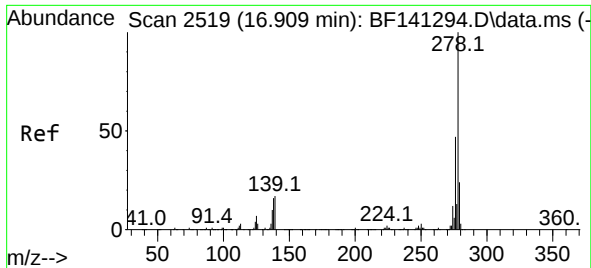


#90
Benzo(a)pyrene
Concen: 41.472 ng
RT: 15.363 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:252 Resp: 375306
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.2 9.4 14.2





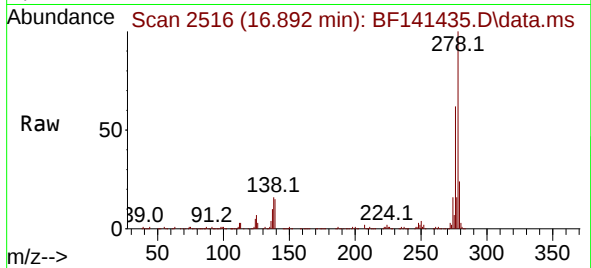
#91
Dibenzo(a,h)anthracene
Concen: 43.654 ng
RT: 16.892 min Scan# 2519
Delta R.T. -0.030 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

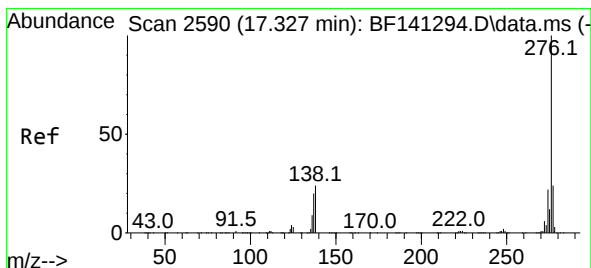
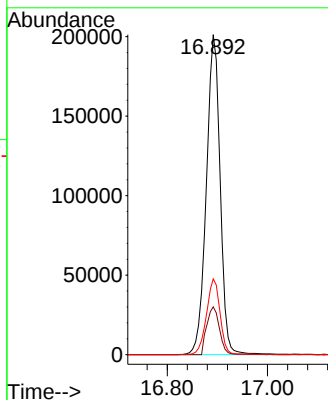
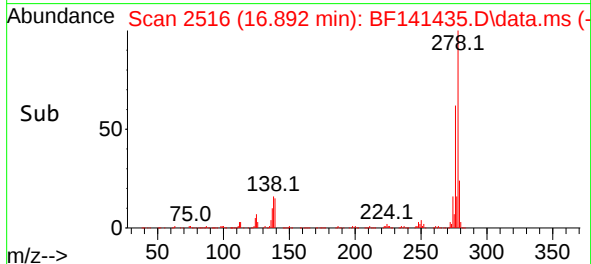


Tgt Ion:278 Resp: 38592
Ion Ratio Lower Upper
278 100
139 15.0 13.9 20.9
279 23.7 18.8 28.2

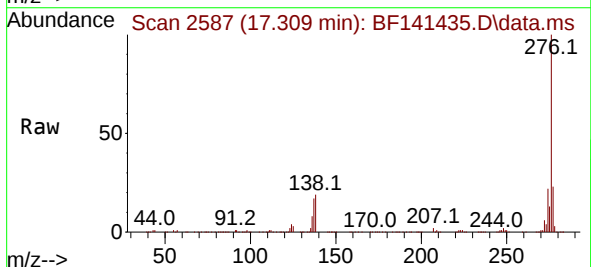
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.107 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141435.D
Acq: 05 Feb 2025 10:02



Tgt Ion:276 Resp: 405442
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 19.1 19.0 28.4

