

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136087.D
 Acq On : 01 Nov 2023 20:35
 Operator : CG\JU
 Sample : 05142-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:43:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	147739	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	577237	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	283624	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	450353	20.000	ng	0.00
76) Chrysene-d12	14.015	240	286075	20.000	ng	0.00
86) Perylene-d12	15.504	264	277736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1004976	106.893	ng	0.01
7) Phenol-d6	6.463	99	1265044	107.995	ng	0.00
23) Nitrobenzene-d5	7.392	82	756814	79.036	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	330754	109.256	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1359889	76.432	ng	0.00
79) Terphenyl-d14	12.957	244	1180791	64.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	176373	43.081	ng	100
3) Pyridine	3.416	79	430549	38.530	ng	99
4) n-Nitrosodimethylamine	3.387	42	218259	46.715	ng	94
6) Aniline	6.487	93	557538	36.763	ng	96
8) 2-Chlorophenol	6.610	128	493242	49.071	ng	99
9) Benzaldehyde	6.375	77	128380	19.655	ng	98
10) Phenol	6.481	94	589896m	48.688	ng	
11) bis(2-Chloroethyl)ether	6.569	93	449595	47.400	ng	99
12) 1,3-Dichlorobenzene	6.769	146	511930	48.934	ng	99
13) 1,4-Dichlorobenzene	6.845	146	515667	49.185	ng	99
14) 1,2-Dichlorobenzene	6.992	146	491885	50.175	ng	97
15) Benzyl Alcohol	6.969	79	399126	48.054	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	615683	47.159	ng	99
17) 2-Methylphenol	7.081	107	377475	44.268	ng	98
18) Hexachloroethane	7.333	117	176845	47.991	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	301801	45.091	ng	98
20) 3+4-Methylphenols	7.234	107	451061	43.380	ng	97
22) Acetophenone	7.239	105	618660	48.333	ng	# 93
24) Nitrobenzene	7.410	77	470044	48.529	ng	97
25) Isophorone	7.645	82	865647	47.885	ng	98
26) 2-Nitrophenol	7.722	139	246370	55.750	ng	96
27) 2,4-Dimethylphenol	7.763	122	357387	42.797	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	531140	47.953	ng	98
29) 2,4-Dichlorophenol	7.963	162	385407	48.956	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	425817	49.583	ng	98
31) Naphthalene	8.128	128	1315698	47.267	ng	99
32) Benzoic acid	7.892	122	310645m	46.603	ng	
33) 4-Chloroaniline	8.175	127	358163	29.382	ng	100
34) Hexachlorobutadiene	8.245	225	239107	48.549	ng	98
35) Caprolactam	8.557	113	136768m	53.429	ng	
36) 4-Chloro-3-methylphenol	8.663	107	407225	49.272	ng	99
37) 2-Methylnaphthalene	8.822	142	842059	45.116	ng	99
38) 1-Methylnaphthalene	8.922	142	810022	46.636	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	409551	50.632	ng	99
41) Hexachlorocyclopentadiene	8.975	237	205386	47.528	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	269493	51.099	ng	99

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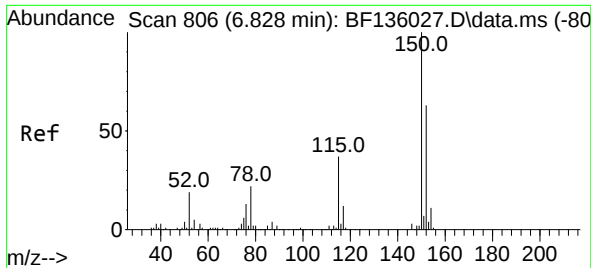
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	290059	47.479	ng	98
46) 1,1'-Biphenyl	9.286	154	1070344	49.505	ng	100
47) 2-Chloronaphthalene	9.310	162	801904	50.311	ng	98
48) 2-Nitroaniline	9.410	65	248690	52.721	ng	96
49) Acenaphthylene	9.727	152	1251106	50.315	ng	99
50) Dimethylphthalate	9.592	163	941061	50.302	ng	99
51) 2,6-Dinitrotoluene	9.651	165	208250	52.045	ng	94
52) Acenaphthene	9.904	154	747572	47.293	ng	99
53) 3-Nitroaniline	9.822	138	198413	42.498	ng	96
54) 2,4-Dinitrophenol	9.927	184	134829	63.951	ng	98
55) Dibenzofuran	10.075	168	1093821	47.456	ng	98
56) 4-Nitrophenol	9.986	139	336871	96.460	ng	94
57) 2,4-Dinitrotoluene	10.057	165	263711	52.090	ng	98
58) Fluorene	10.416	166	800025	46.358	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	235818	48.552	ng	99
60) Diethylphthalate	10.298	149	884015	49.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	401634	46.623	ng	97
62) 4-Nitroaniline	10.439	138	191418	42.578	ng	98
63) Azobenzene	10.574	77	809046	46.997	ng	94
65) 4,6-Dinitro-2-methylph...	10.463	198	94521	39.380	ng	83
66) n-Nitrosodiphenylamine	10.533	169	739772	54.453	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	257116	54.455	ng	98
68) Hexachlorobenzene	10.963	284	276533	54.837	ng	# 93
69) Atrazine	11.063	200	248944	67.349	ng	98
70) Pentachlorophenol	11.163	266	293511	90.629	ng	97
71) Phenanthrene	11.386	178	1125113	49.618	ng	99
72) Anthracene	11.433	178	1126685	48.490	ng	100
73) Carbazole	11.592	167	949304	47.015	ng	99
74) Di-n-butylphthalate	11.927	149	1227154	53.188	ng	99
75) Fluoranthene	12.574	202	1056767	45.365	ng	99
77) Benzidine	12.704	184	540503	96.937	ng	99
78) Pyrene	12.810	202	1069913	42.420	ng	99
80) Butylbenzylphthalate	13.439	149	431339	47.777	ng	97
81) Benzo(a)anthracene	14.004	228	930199	49.116	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	350779	58.030	ng	99
83) Chrysene	14.045	228	915603	49.090	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	532016	50.580	ng	98
85) Di-n-octyl phthalate	14.627	149	1023940	64.983	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	692015	38.124	ng	99
88) Benzo(b)fluoranthene	15.068	252	884952	53.848	ng	99
89) Benzo(k)fluoranthene	15.098	252	842938	51.839	ng	99
90) Benzo(a)pyrene	15.445	252	726482	47.576	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	579405	38.968	ng	99
92) Benzo(g,h,i)perylene	17.486	276	531076	32.375	ng	99

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



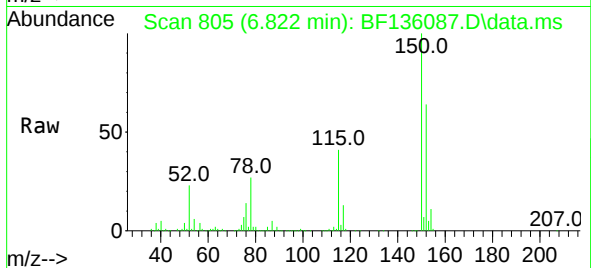
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136087.D
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Instrument :

BNA_F

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PSC-124037MSD

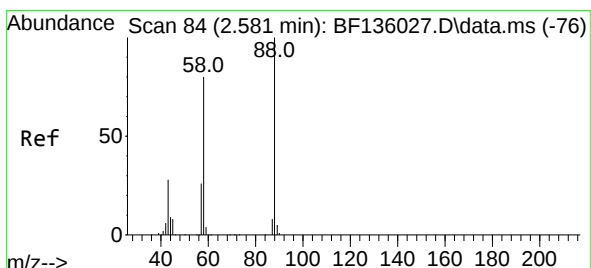
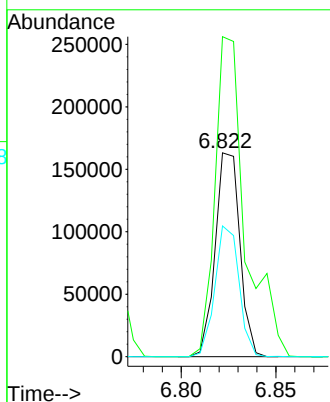
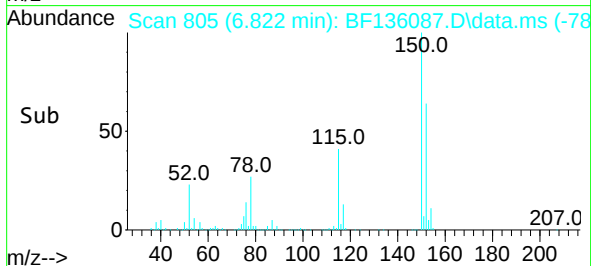


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Ion Ratio Lower Upper
152 100
150 156.9 126.4 189.6
115 64.1 47.0 70.4

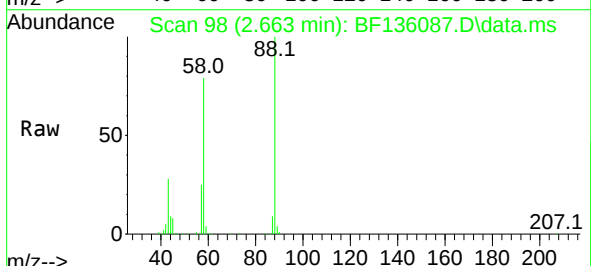
Manual Integrations

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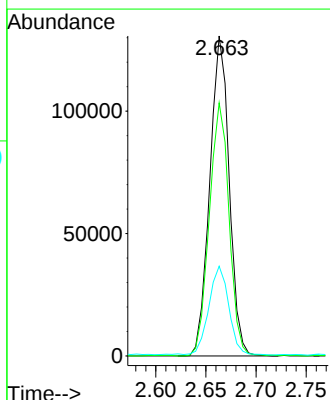
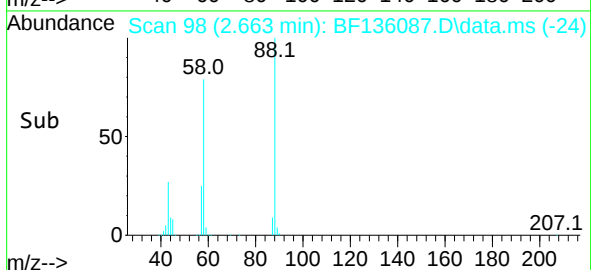
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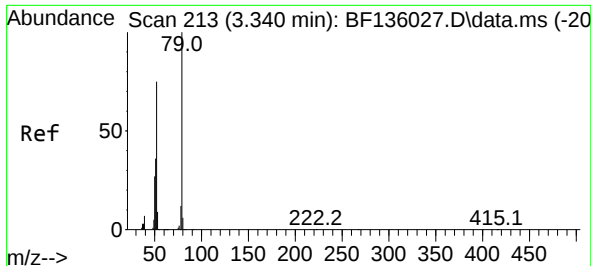


#2
1,4-Dioxane
Concen: 43.081 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.082 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion: 88 Resp: 176373
Ion Ratio Lower Upper
88 100
58 80.4 64.3 96.5
43 28.9 22.3 33.5





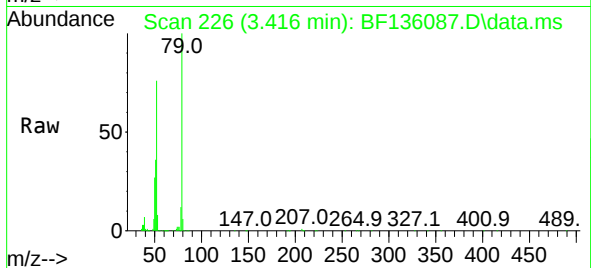
#3
Pyridine
Concen: 38.530 ng
RT: 3.416 min Scan# 213
Delta R.T. 0.077 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

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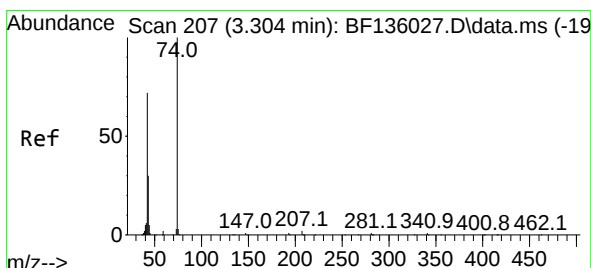
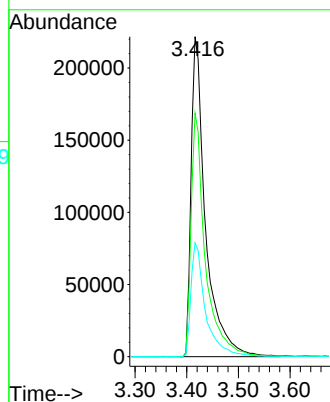
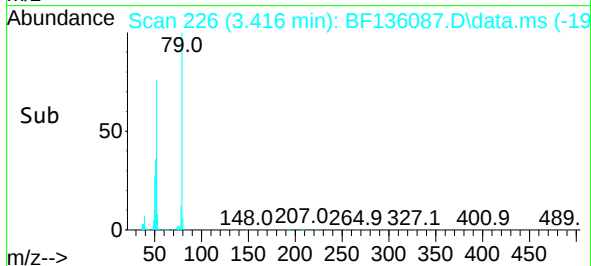
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Ion Ratio Lower Upper
79 100
52 76.1 60.3 90.5
51 35.6 29.3 43.9

Manual Integrations

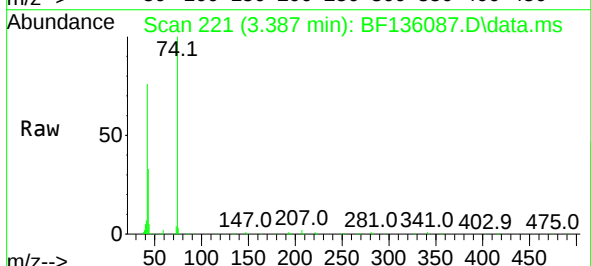
APPROVED

Reviewed By :Yogesh Patel 11/02/2023

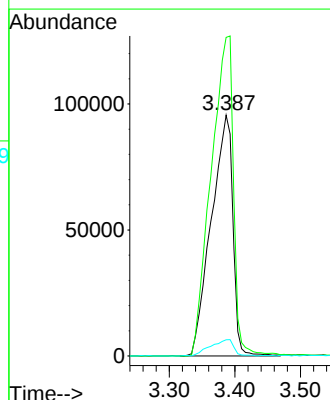
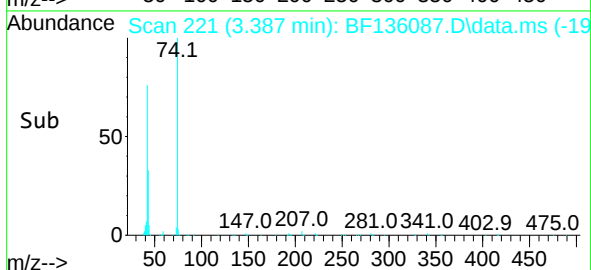
Supervised By :mohammad ahmed 11/02/2023

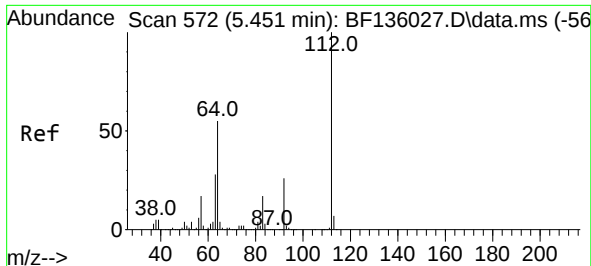


#4
n-Nitrosodimethylamine
Concen: 46.715 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.082 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



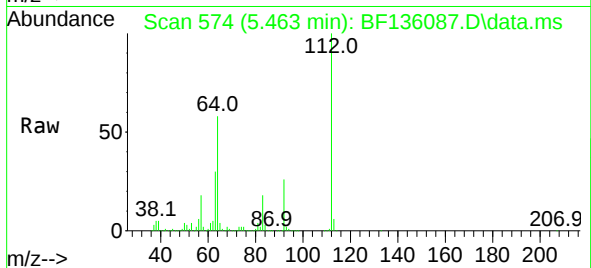
Tgt Ion: 42 Resp: 218259
Ion Ratio Lower Upper
42 100
74 132.3 111.8 167.6
44 6.7 6.2 9.4





#5
2-Fluorophenol
Concen: 106.893 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

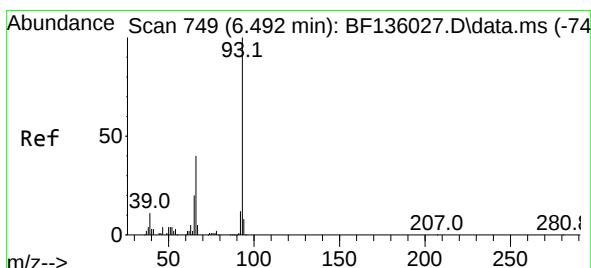
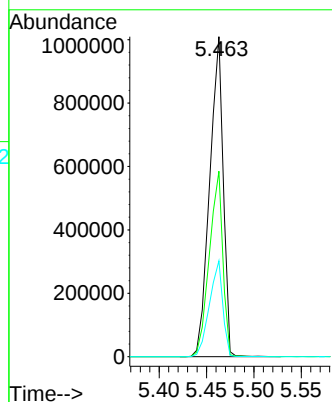
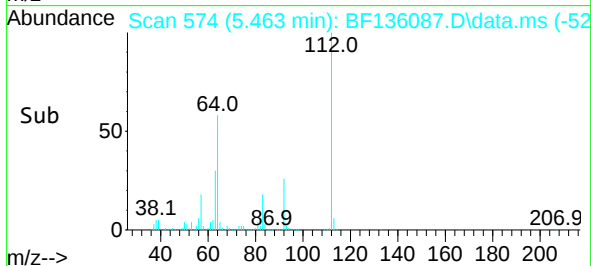
Instrument :
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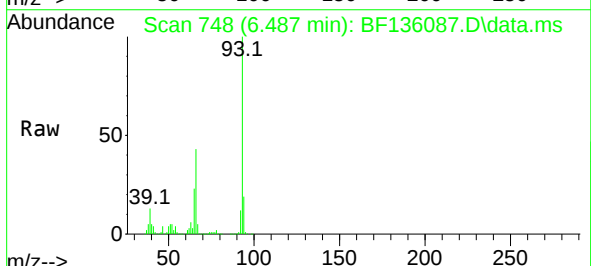
Tgt Ion:112 Resp: 1004970
Ion Ratio Lower Upper
112 100
64 57.9 43.9 65.9
63 30.0 22.4 33.6

Manual Integrations
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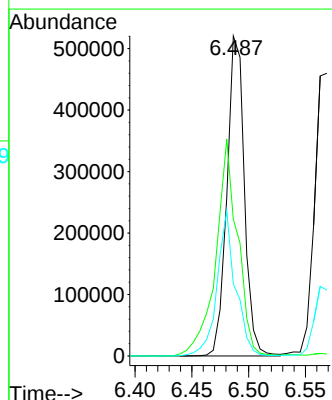
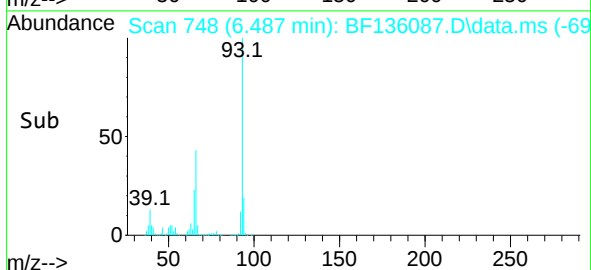
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#6
Aniline
Concen: 36.763 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion: 93 Resp: 557538
Ion Ratio Lower Upper
93 100
66 42.7 32.4 48.6
65 22.5 16.2 24.2





#7

Phenol-d6

Concen: 107.995 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136087.D

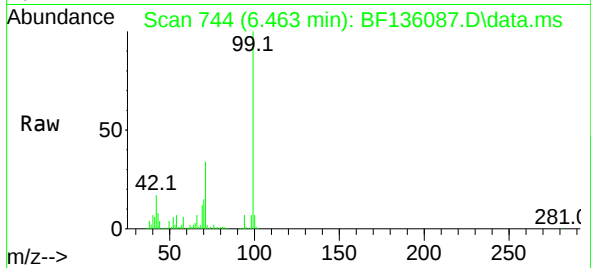
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



Tgt Ion: 99 Resp: 126504

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

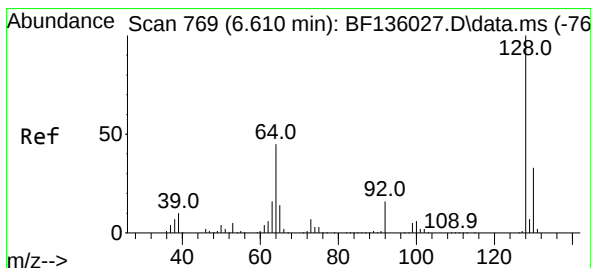
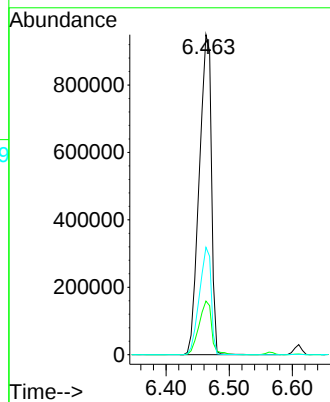
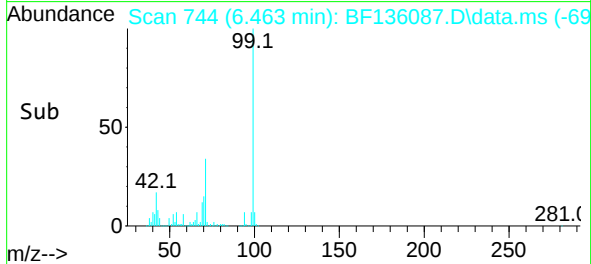
71 33.5 25.9 38.9

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Supervised By :mohammad ahmed 11/02/2023



#8

2-Chlorophenol

Concen: 49.071 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

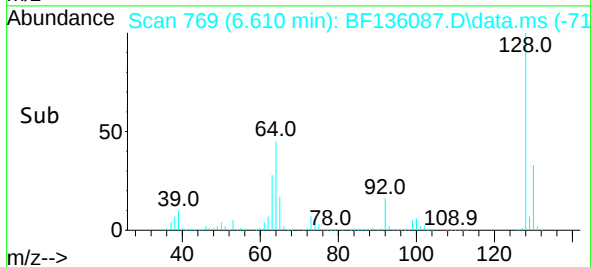
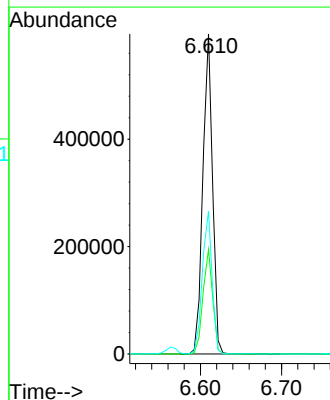
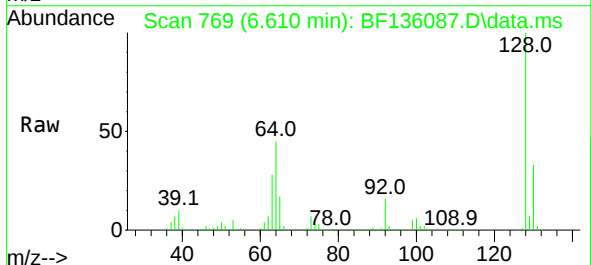
Tgt Ion:128 Resp: 493242

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

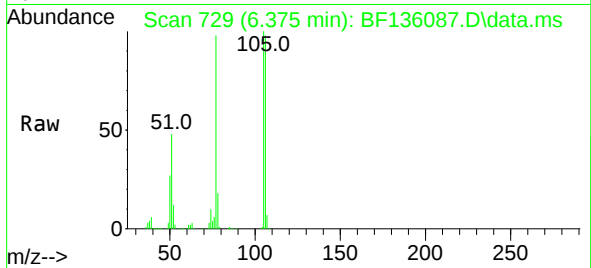
64 44.7 25.8 65.8





#9
Benzaldehyde
Concen: 19.655 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136087.D
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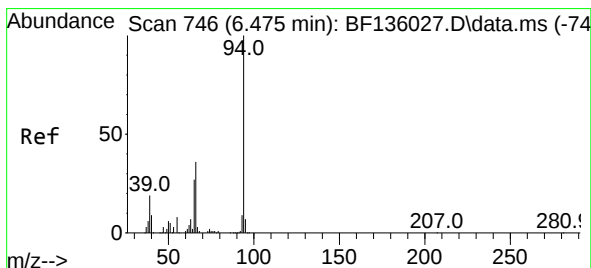
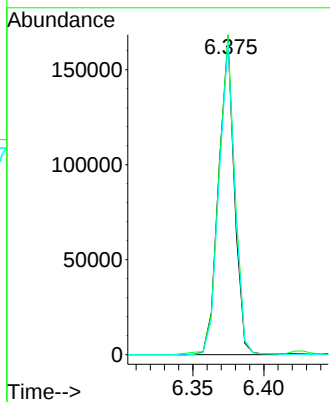
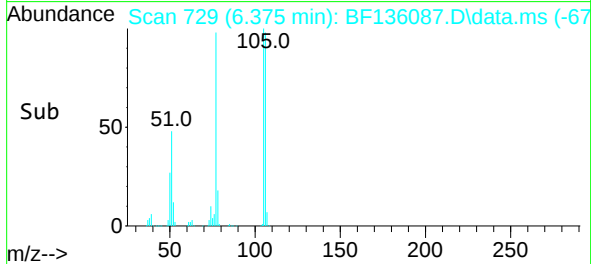
Instrument :
BNA_F
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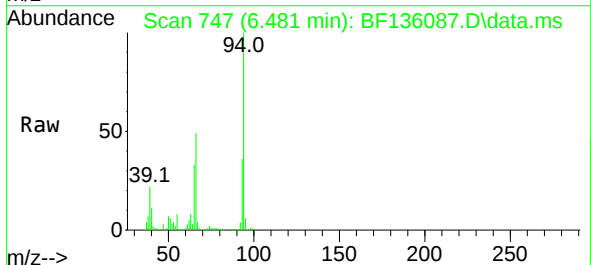
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Ion Ratio Lower Upper
77 100
105 101.5 85.7 125.7
106 99.3 79.8 119.8

Manual Integrations
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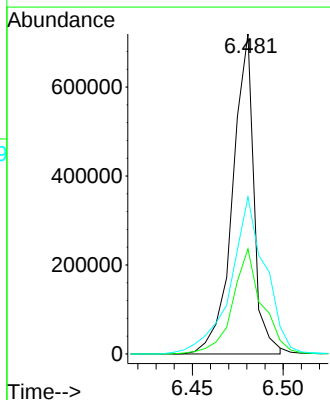
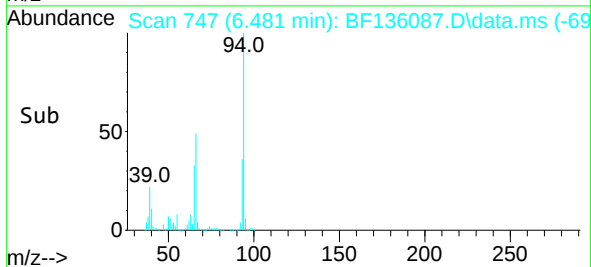
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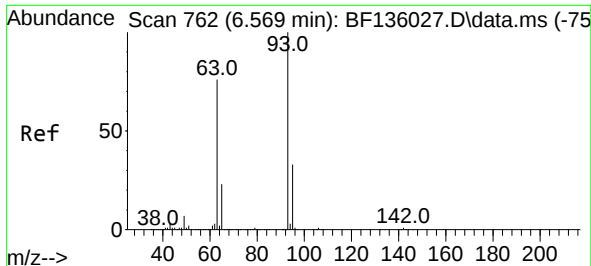


#10
Phenol
Concen: 48.688 ng m
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion: 94 Resp: 589896
Ion Ratio Lower Upper
94 100
65 32.9 7.5 47.5
66 49.1 17.1 57.1





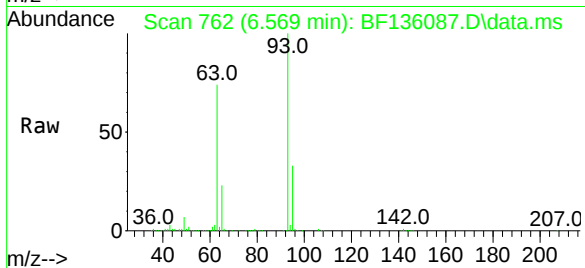
#11
bis(2-Chloroethyl)ether
Concen: 47.400 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

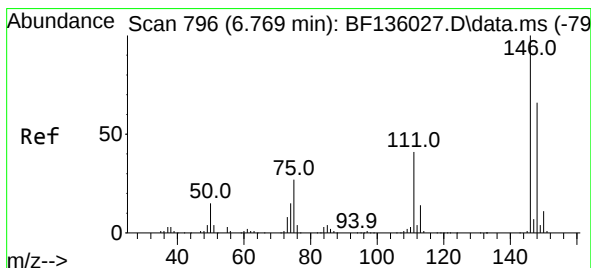
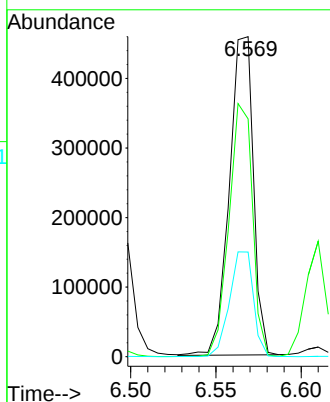
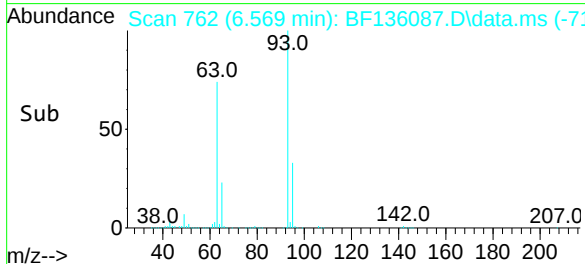
PSC-124037MSD



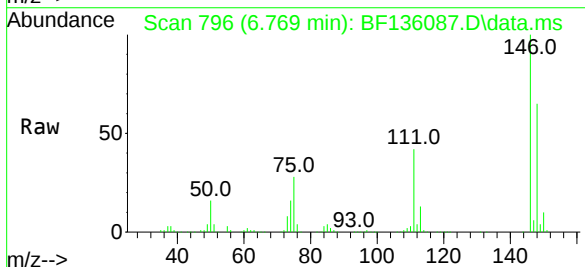
Tgt Ion: 93 Resp: 44959
Ion Ratio Lower Upper
93 100
63 74.3 55.8 95.8
95 32.7 12.9 52.9

Manual Integrations
APPROVED

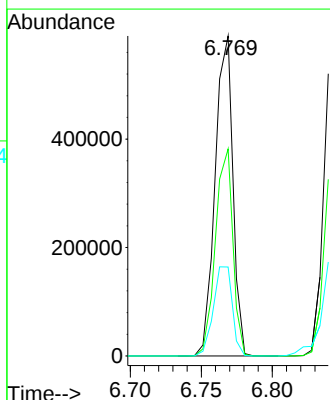
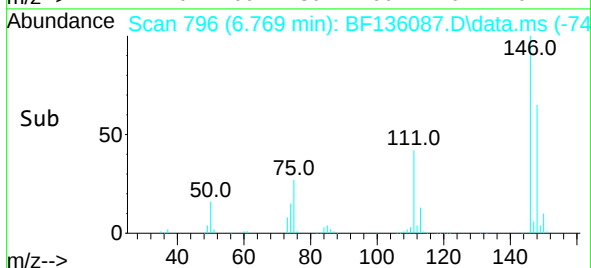
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

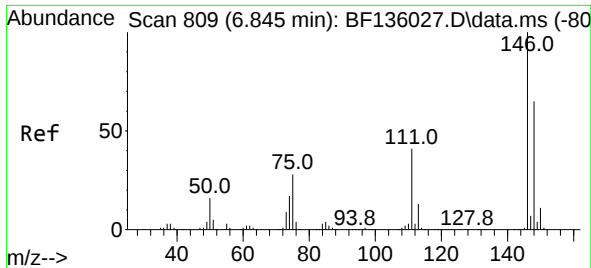


#12
1,3-Dichlorobenzene
Concen: 48.934 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:146 Resp: 511930
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 27.8 21.6 32.4





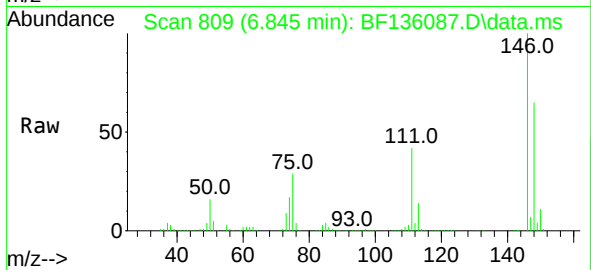
#13
1,4-Dichlorobenzene
Concen: 49.185 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

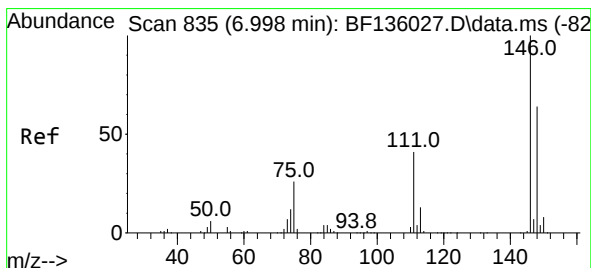
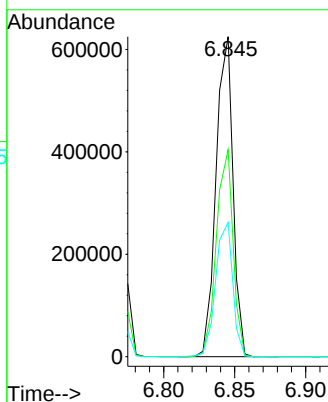
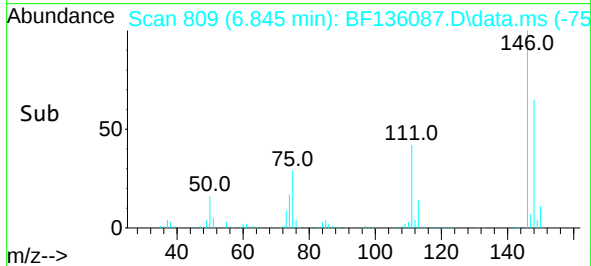


Tgt Ion:146 Resp: 51566
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
111 42.0 32.6 48.8

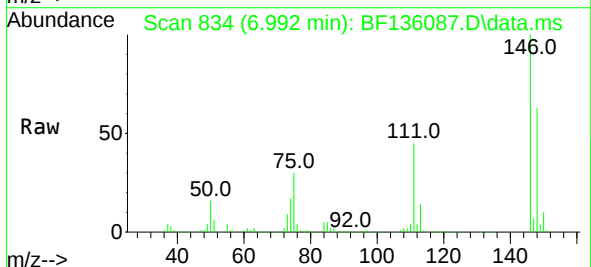
Manual Integrations

APPROVED

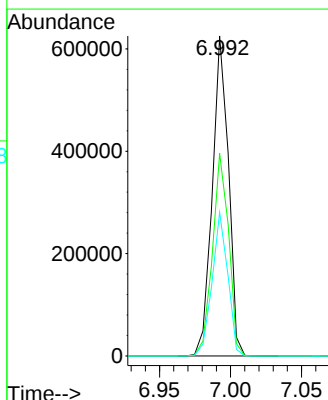
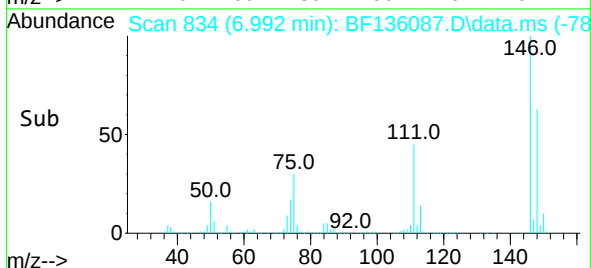
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

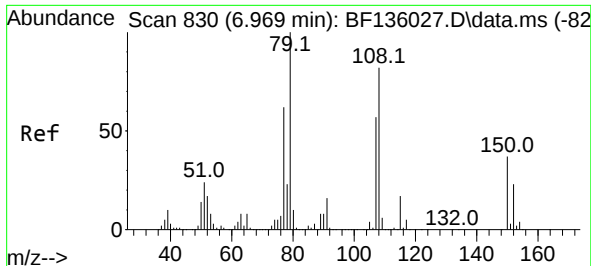


#14
1,2-Dichlorobenzene
Concen: 50.175 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



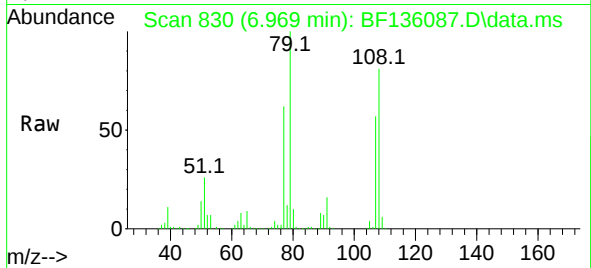
Tgt Ion:146 Resp: 491885
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 44.9 33.0 49.4





#15
Benzyl Alcohol
Concen: 48.054 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

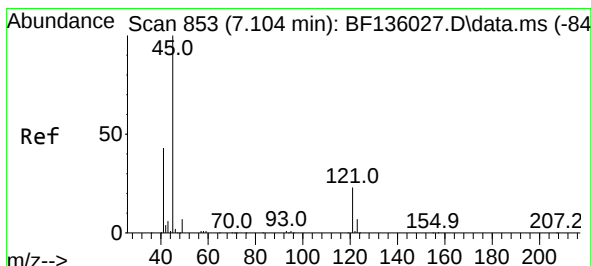
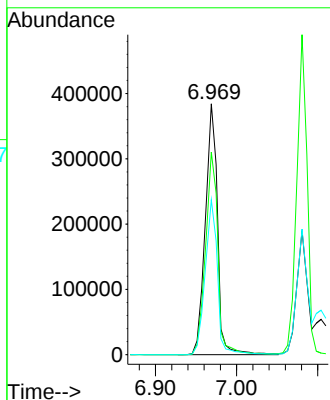
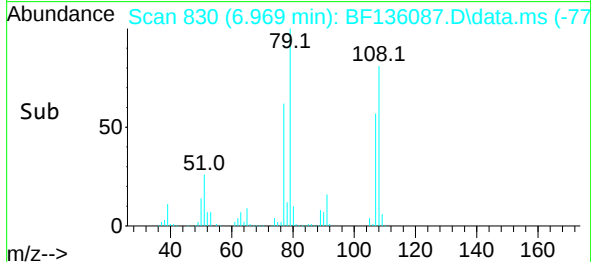
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



Tgt Ion: 79 Resp: 399120
Ion Ratio Lower Upper
79 100
108 80.8 65.9 98.9
77 61.8 49.4 74.2

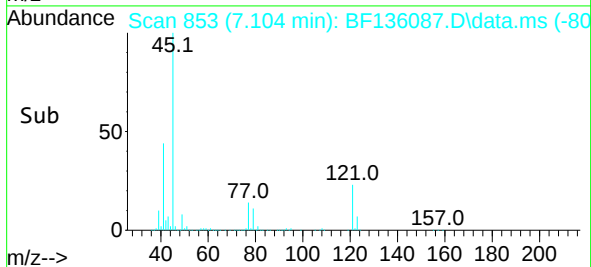
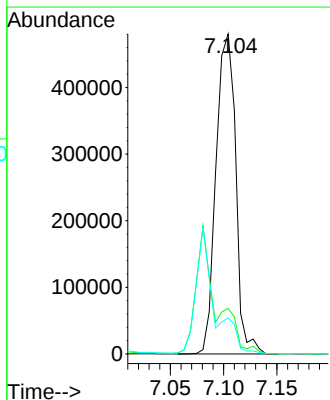
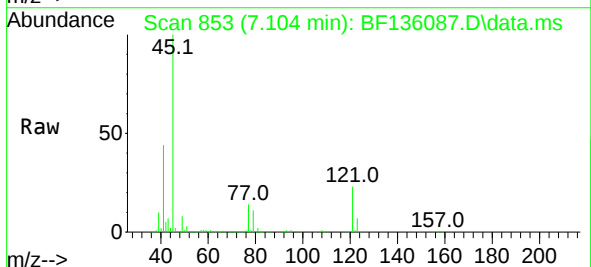
Manual Integrations
APPROVED

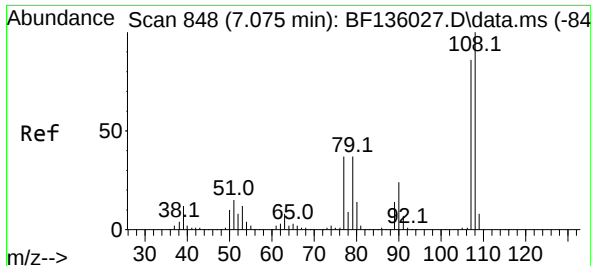
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.159 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion: 45 Resp: 615683
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.6
79 11.3 0.0 30.6





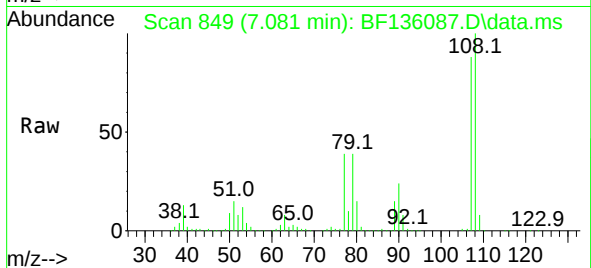
#17
2-Methylphenol
Concen: 44.268 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

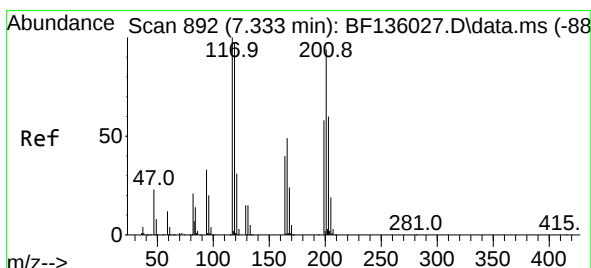
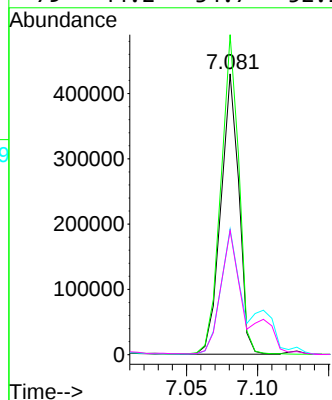


Tgt Ion:107 Resp: 377475
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.2
77 44.7 34.4 51.6
79 44.2 34.7 52.1

Manual Integrations

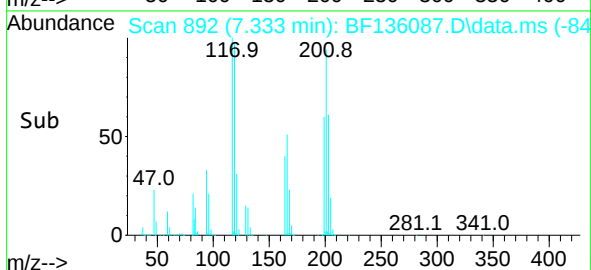
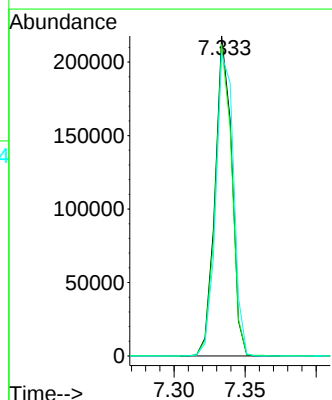
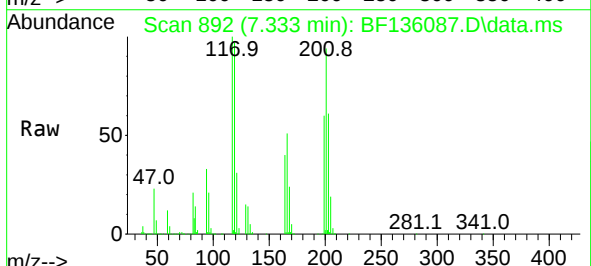
APPROVED

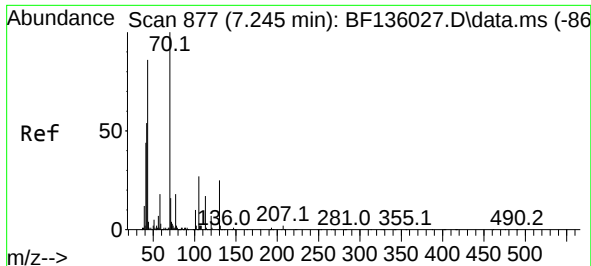
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#18
Hexachloroethane
Concen: 47.991 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

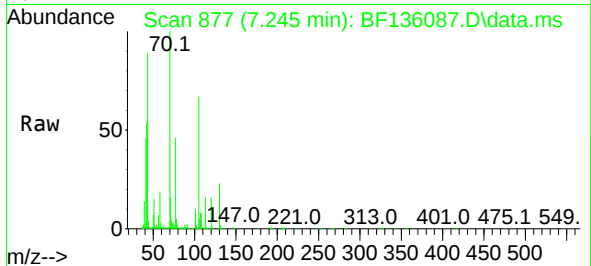
Tgt Ion:117 Resp: 176845
Ion Ratio Lower Upper
117 100
119 97.3 77.7 116.5
201 94.2 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.091 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

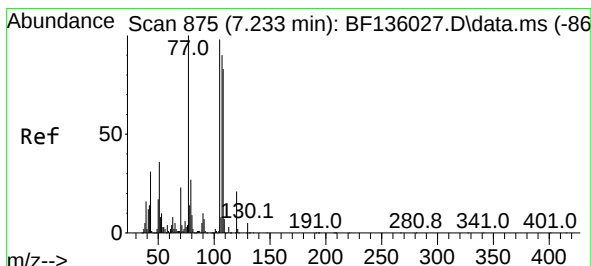
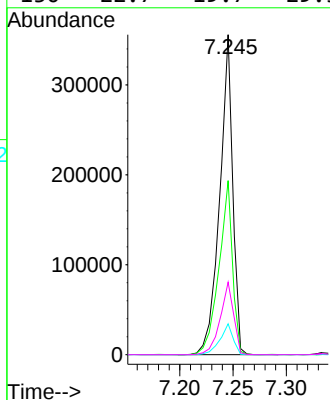
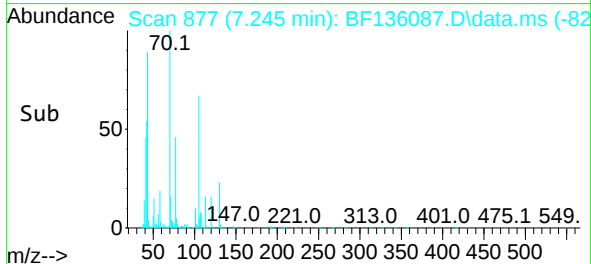
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



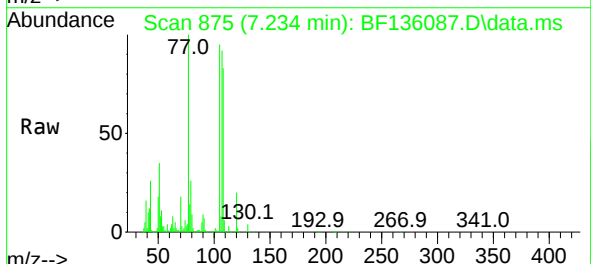
Tgt Ion:	70	Resp:	30180
Ion Ratio	100	Lower	Upper
70	100		
42	54.4	43.0	64.4
101	9.6	8.0	12.0
130	22.7	19.7	29.5

Manual Integrations
APPROVED

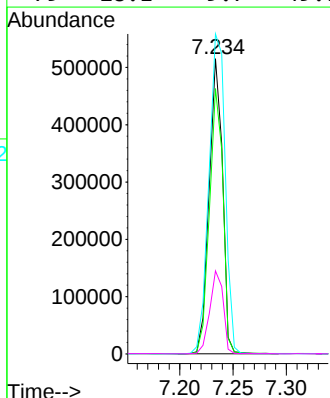
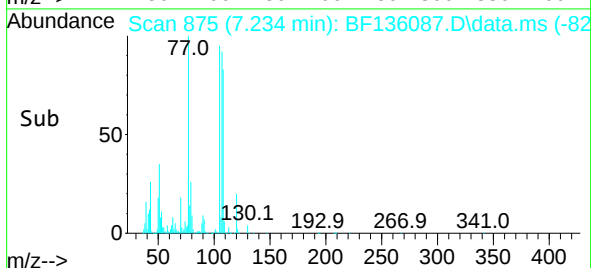
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

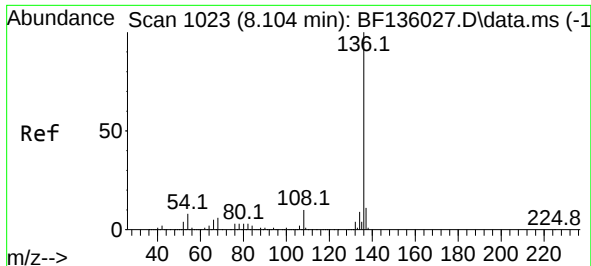


#20
3+4-Methylphenols
Concen: 43.380 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:	107	Resp:	451061
Ion Ratio	100	Lower	Upper
107	100		
108	89.9	72.3	112.3
77	108.4	91.4	131.4
79	28.1	9.7	49.7





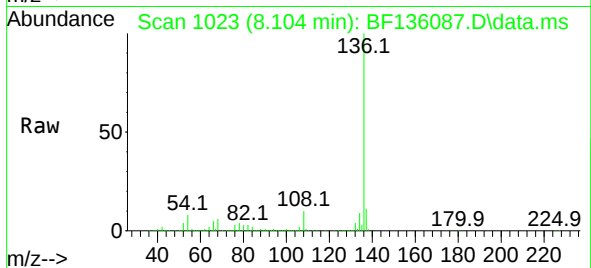
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



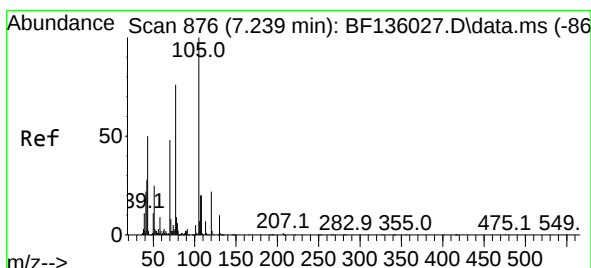
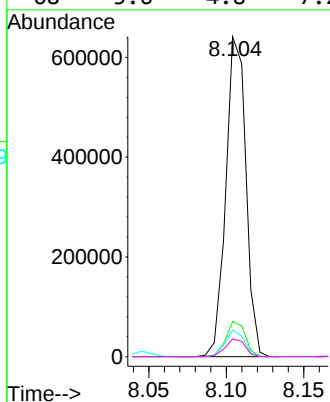
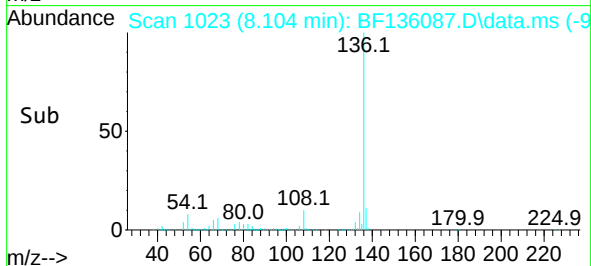
Tgt Ion:136 Resp: 57723
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 6.6 9.8
68 5.6 4.8 7.2

Manual Integrations

APPROVED

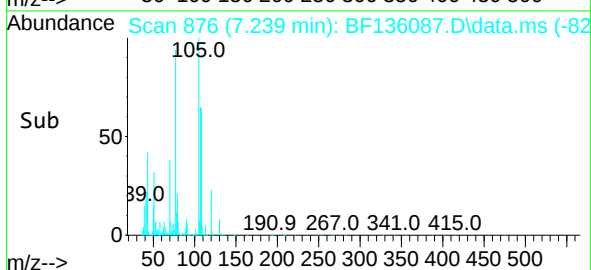
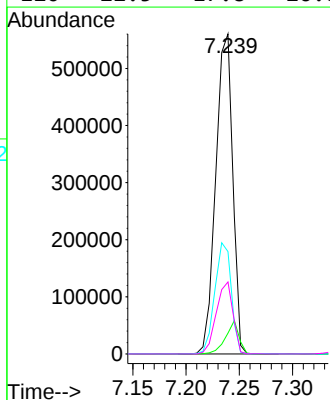
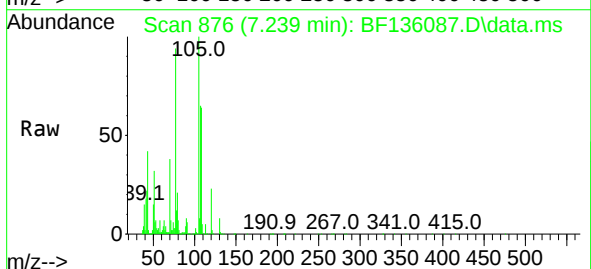
Reviewed By :Yogesh Patel 11/02/2023

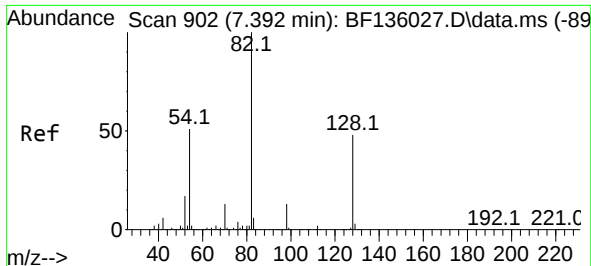
Supervised By :mohammad ahmed 11/02/2023



#22
Acetophenone
Concen: 48.333 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion:105 Resp: 618660
Ion Ratio Lower Upper
105 100
71 6.5 6.5 9.7
51 32.0 20.3 30.5#
120 22.5 17.8 26.8





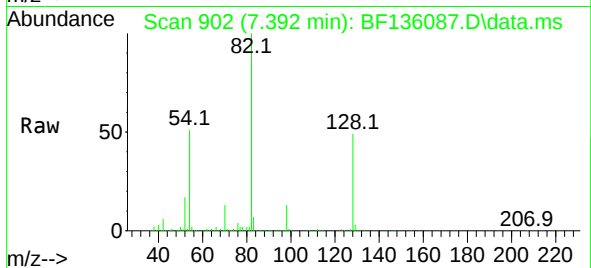
#23
Nitrobenzene-d5
Concen: 79.036 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

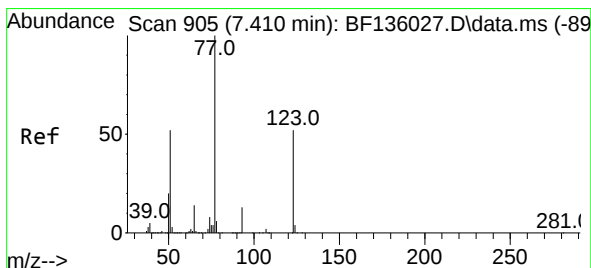
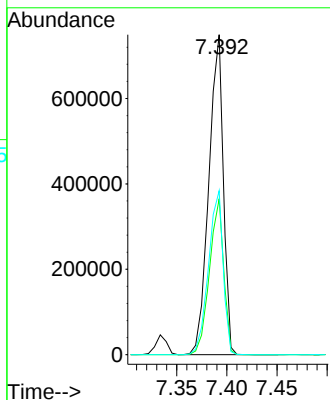
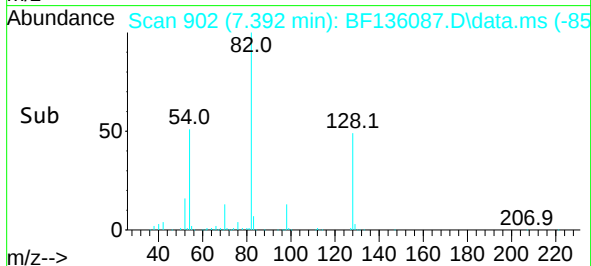


Tgt Ion: 82 Resp: 756814
Ion Ratio Lower Upper
82 100
128 48.7 38.6 57.8
54 51.3 40.8 61.2

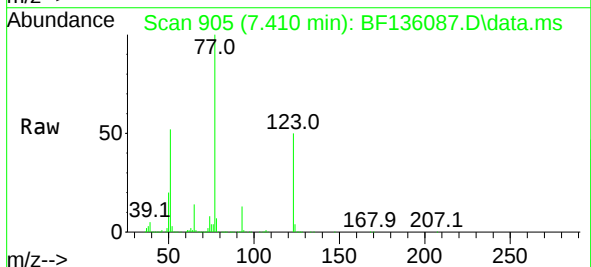
Manual Integrations

APPROVED

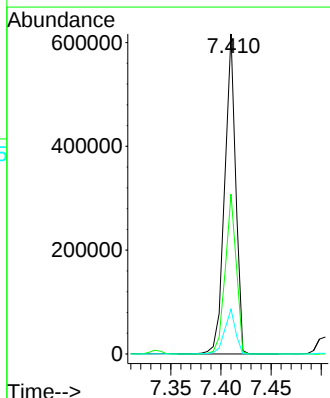
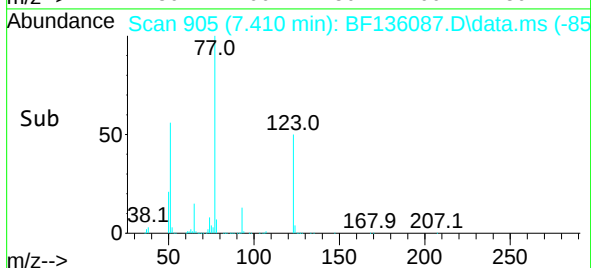
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

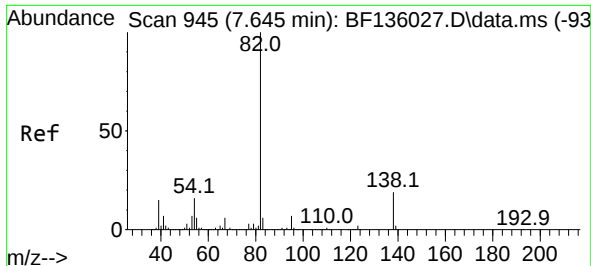


#24
Nitrobenzene
Concen: 48.529 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion: 77 Resp: 470044
Ion Ratio Lower Upper
77 100
123 50.0 42.3 63.5
65 14.0 11.0 16.6





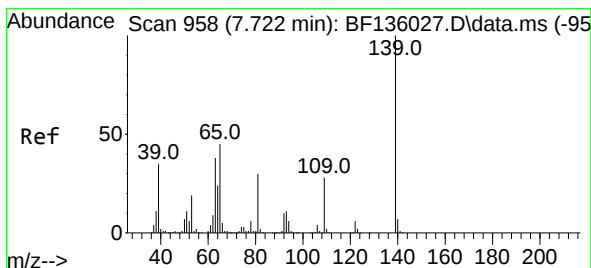
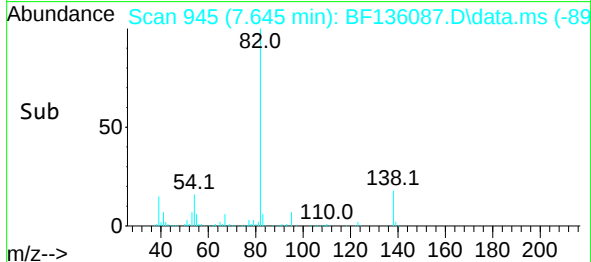
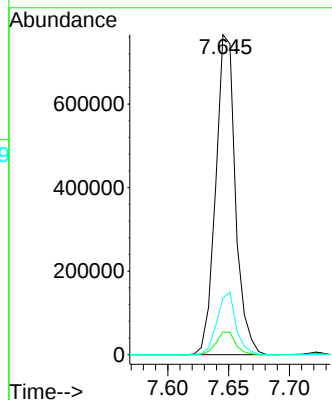
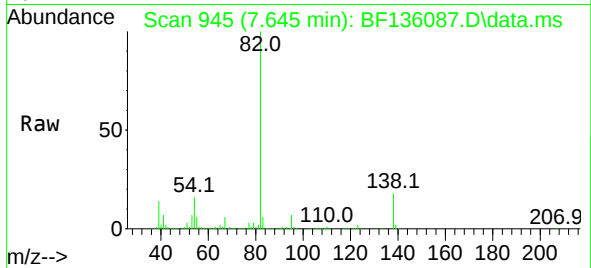
#25
Isophorone
Concen: 47.885 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD

Tgt Ion: 82 Resp: 86564
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 17.7 15.3 22.9

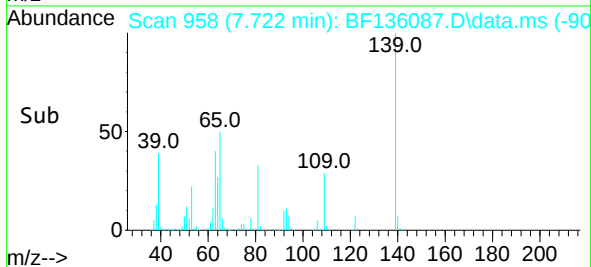
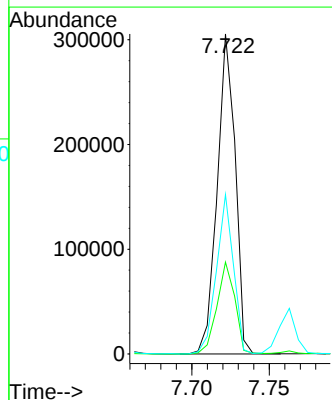
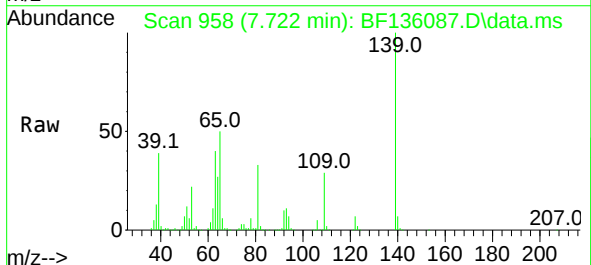
Manual Integrations
APPROVED

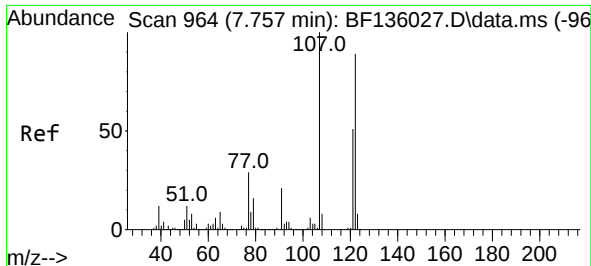
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#26
2-Nitrophenol
Concen: 55.750 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion:139 Resp: 246370
Ion Ratio Lower Upper
139 100
109 28.7 22.6 34.0
65 49.8 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 42.797 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136087.D

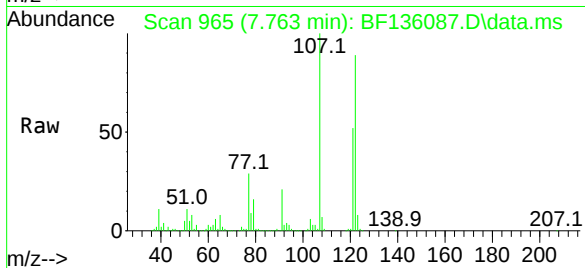
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



Tgt Ion:122 Resp: 35738

Ion Ratio Lower Upper

122 100

107 112.4 89.6 134.4

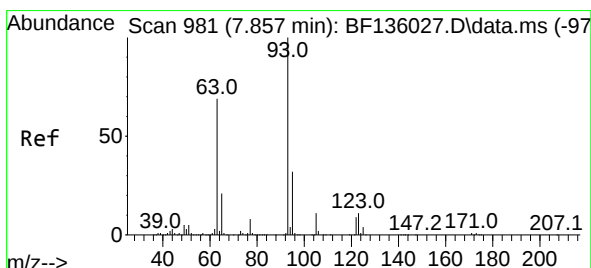
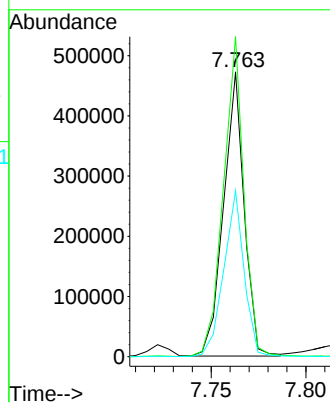
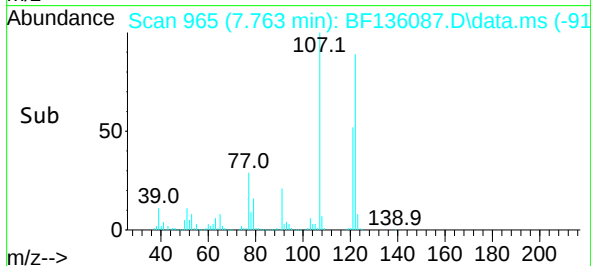
121 58.3 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.953 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

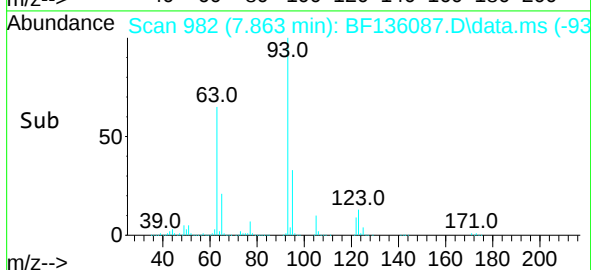
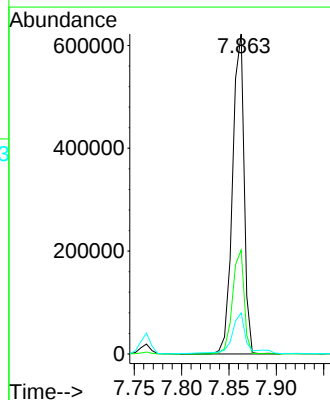
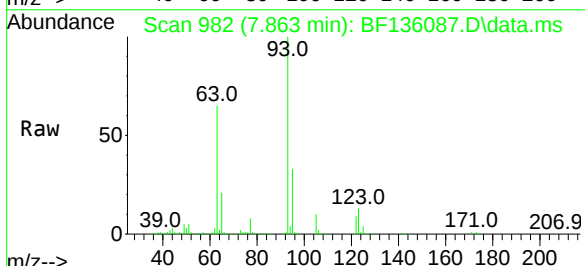
Tgt Ion: 93 Resp: 531140

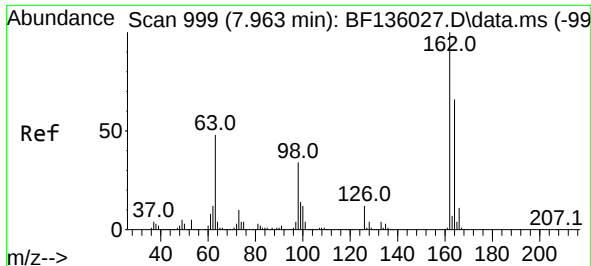
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 12.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.956 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

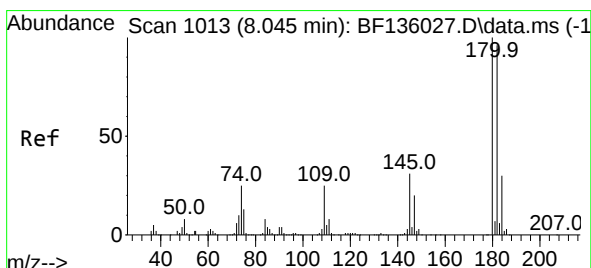
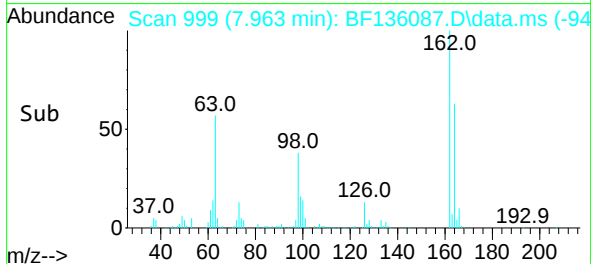
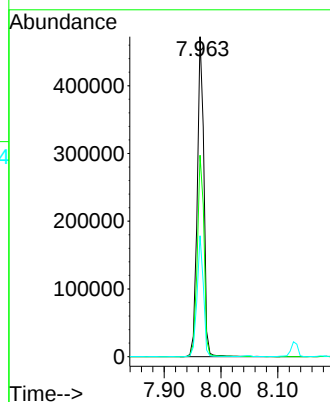
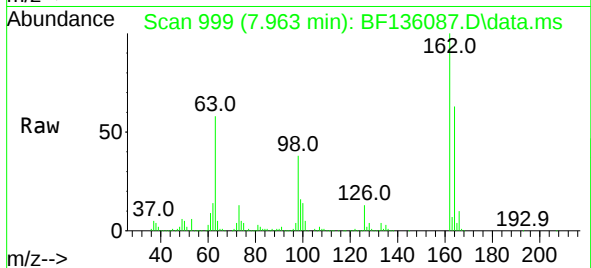
Tgt Ion:	162	Resp:	38540
Ion Ratio	Lower	Upper	
162	100		
164	63.0	45.5	85.5
98	37.8	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.583 ng

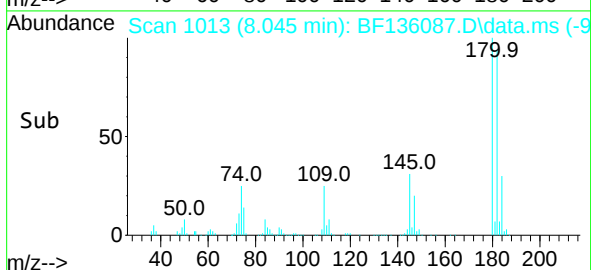
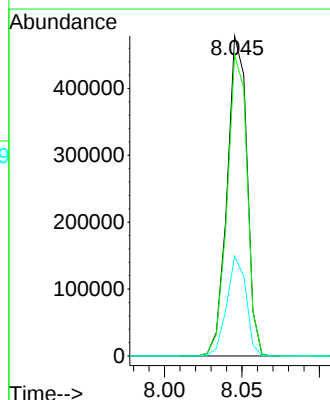
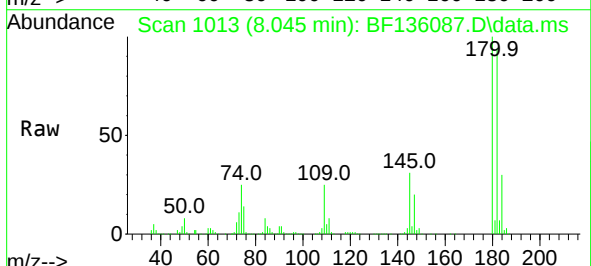
RT: 8.045 min Scan# 1013

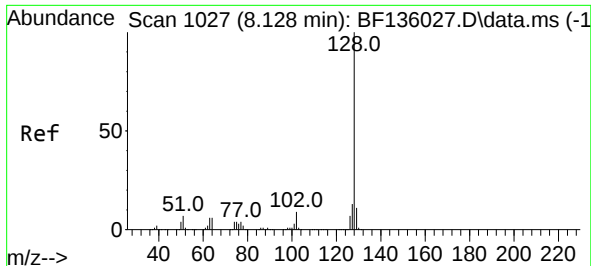
Delta R.T. 0.000 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Tgt Ion:	180	Resp:	425817
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
145	31.3	24.7	37.1





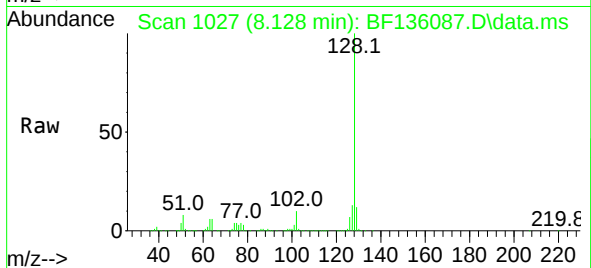
#31
Naphthalene
Concen: 47.267 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



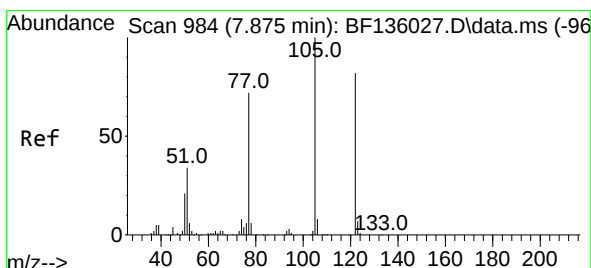
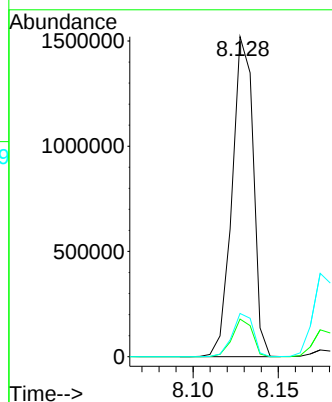
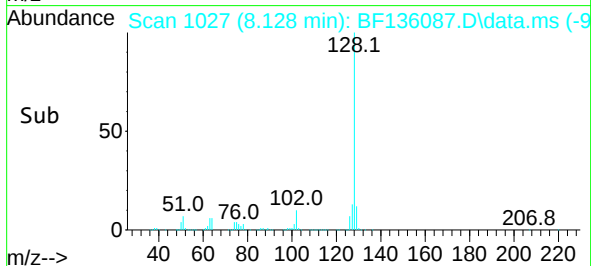
Tgt Ion:128 Resp: 1315698
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.5 10.5 15.7

Manual Integrations

APPROVED

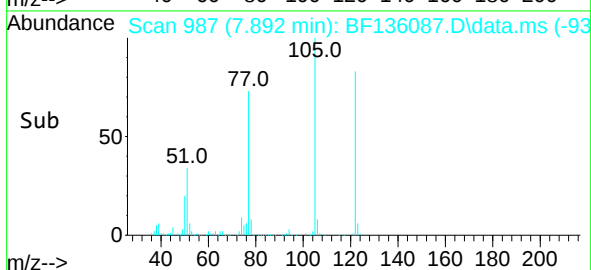
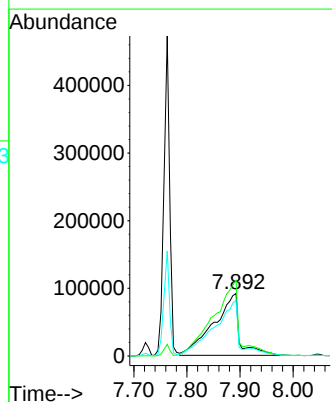
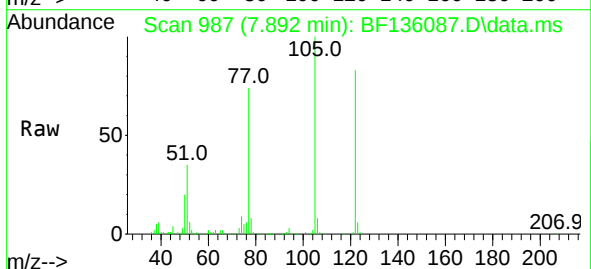
Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#32
Benzoic acid
Concen: 46.603 ng m
RT: 7.892 min Scan# 987
Delta R.T. 0.017 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion:122 Resp: 310645
Ion Ratio Lower Upper
122 100
105 120.8 99.5 139.5
77 89.1 66.8 106.8





#33

4-Chloroaniline

Concen: 29.382 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136087.D

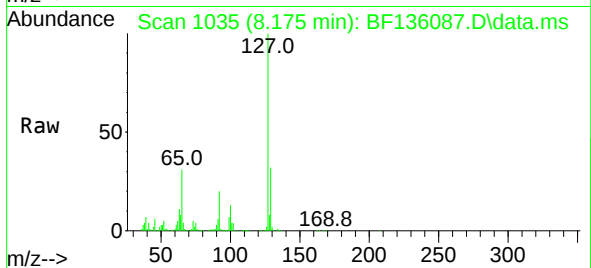
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



Tgt Ion:127 Resp: 35816

Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 30.8 24.6 37.0

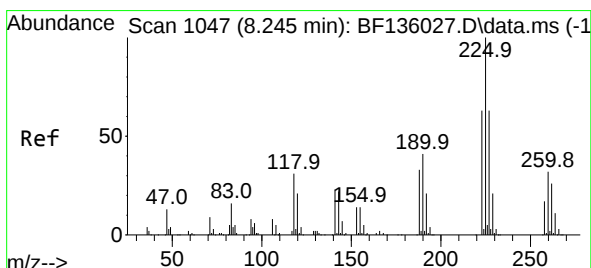
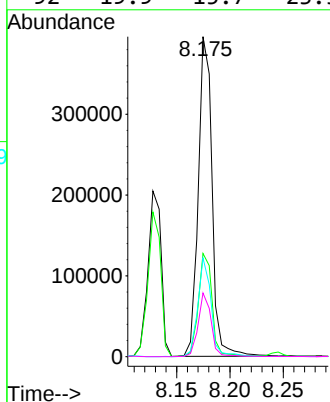
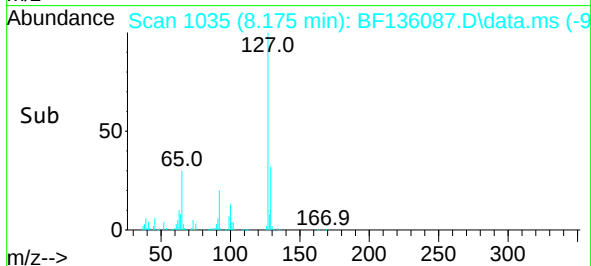
92 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#34

Hexachlorobutadiene

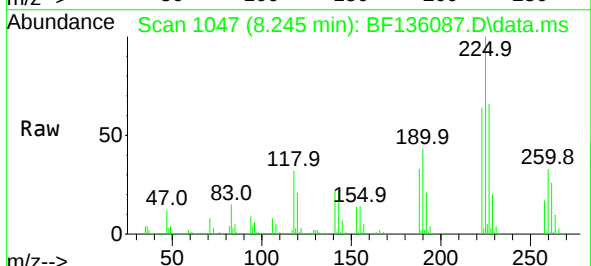
Concen: 48.549 ng

RT: 8.245 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35



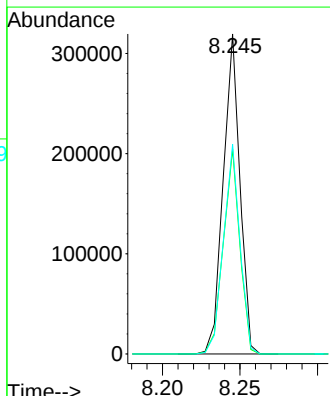
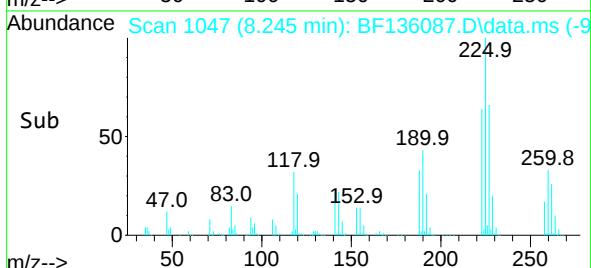
Tgt Ion:225 Resp: 239107

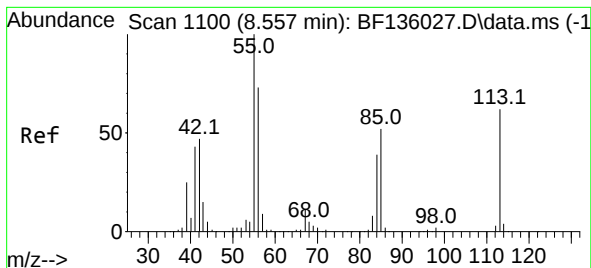
Ion Ratio Lower Upper

225 100

223 64.0 50.3 75.5

227 65.5 50.6 75.8





#35

Caprolactam

Concen: 53.429 ng/ml

RT: 8.557 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF136087.D

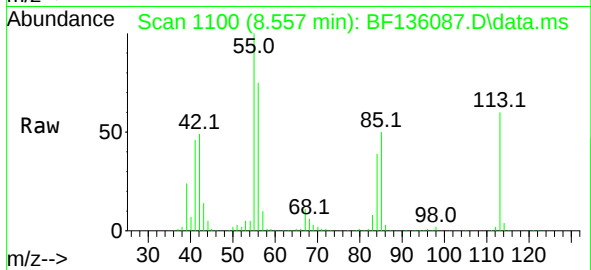
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



Tgt Ion:113 Resp: 136768

Ion Ratio Lower Upper

113 100

55 165.7 142.2 182.2

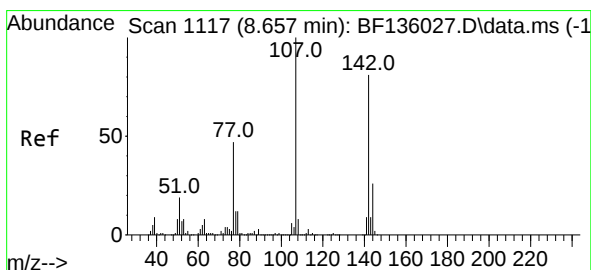
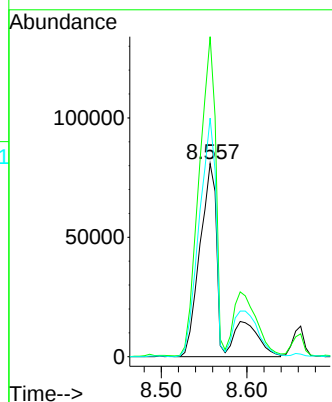
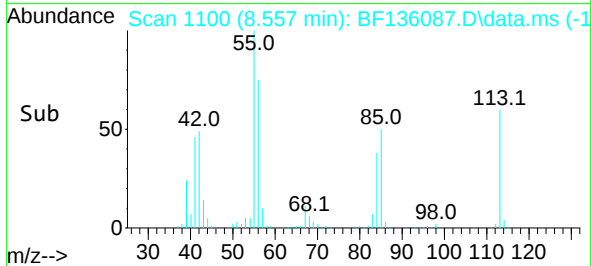
56 123.5 97.7 137.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#36

4-Chloro-3-methylphenol

Concen: 49.272 ng/ml

RT: 8.663 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

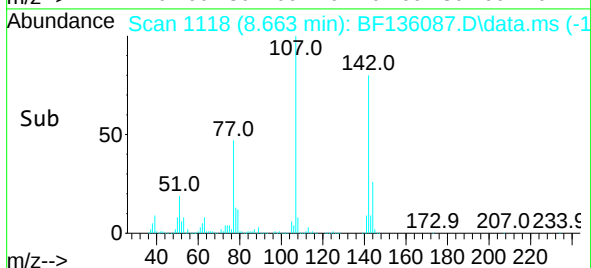
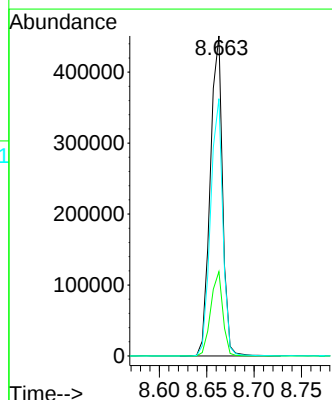
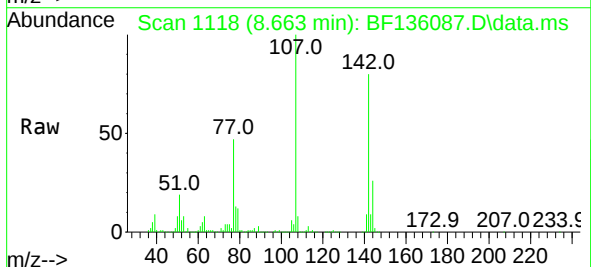
Tgt Ion:107 Resp: 407225

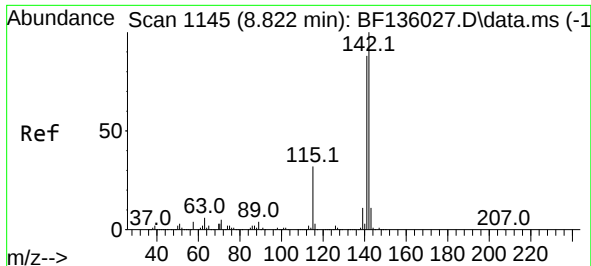
Ion Ratio Lower Upper

107 100

144 26.4 20.6 31.0

142 80.4 64.6 97.0





#37

2-Methylnaphthalene

Concen: 45.116 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

Tgt Ion:142 Resp: 842059

Ion Ratio Lower Upper

142 100

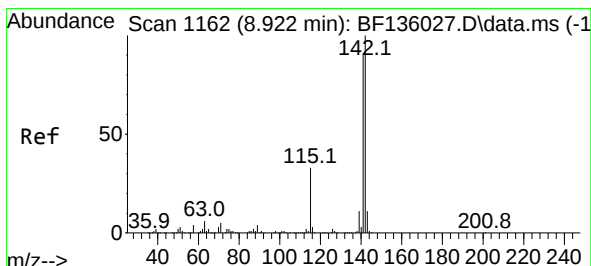
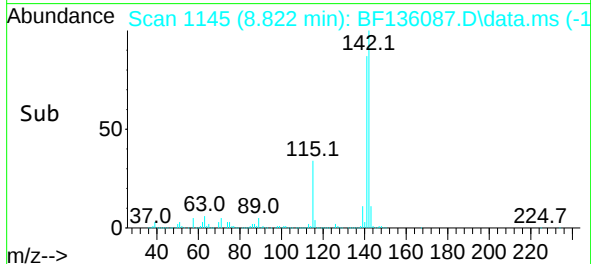
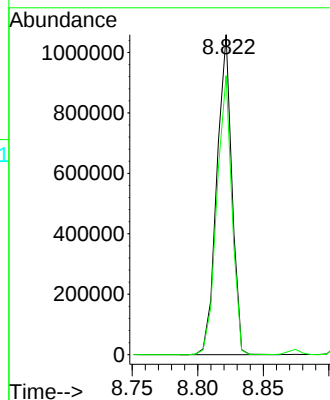
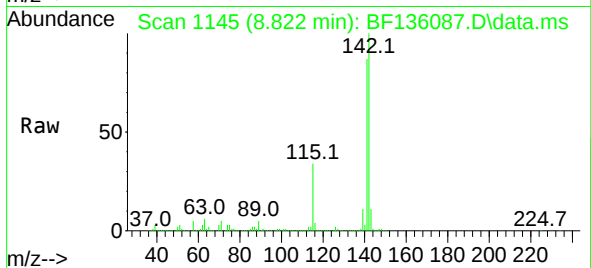
141 87.2 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#38

1-Methylnaphthalene

Concen: 46.636 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF136087.D

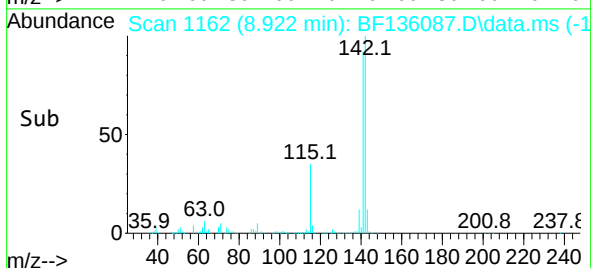
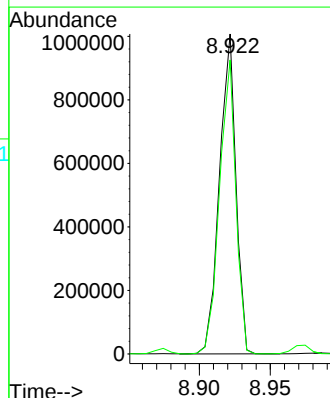
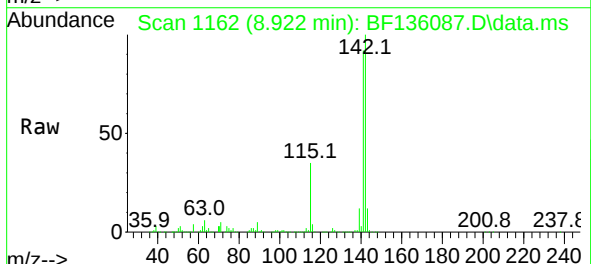
Acq: 01 Nov 2023 20:35

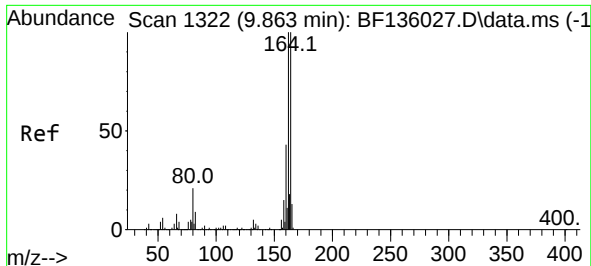
Tgt Ion:142 Resp: 810022

Ion Ratio Lower Upper

142 100

141 91.9 72.6 109.0





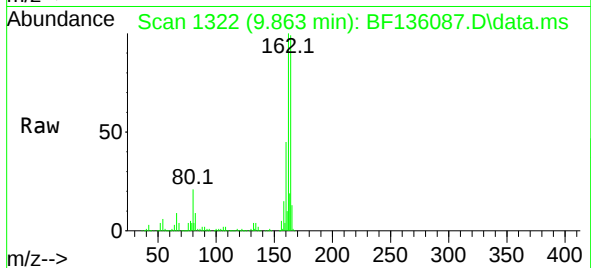
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

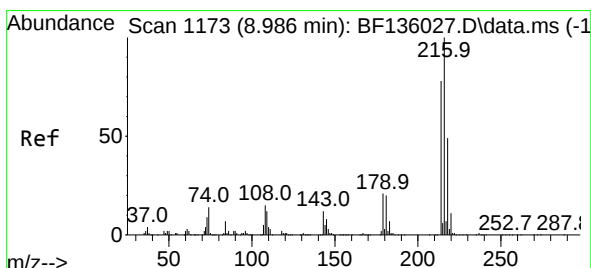
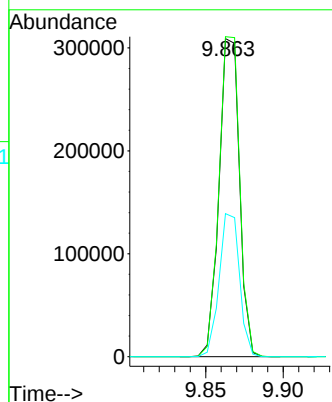
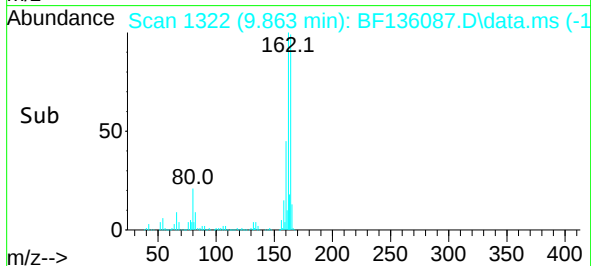


Tgt Ion:164 Resp: 283624
Ion Ratio Lower Upper
164 100
162 100.6 80.1 120.1
160 45.0 34.8 52.2

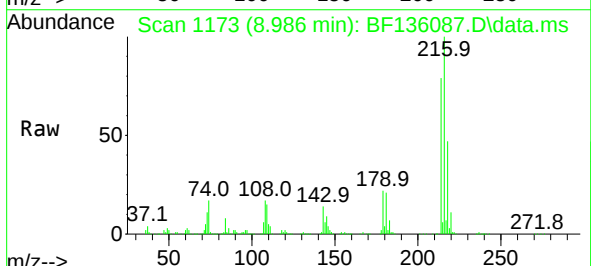
Manual Integrations

APPROVED

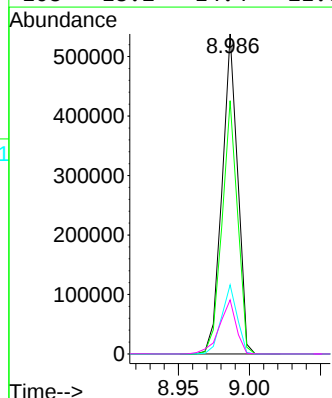
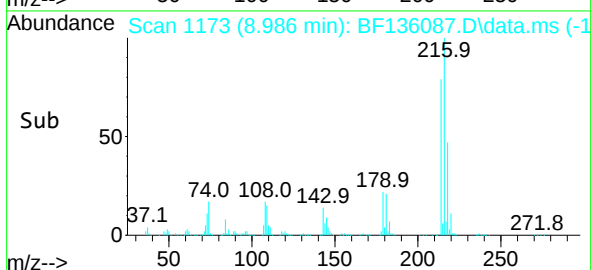
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.632 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



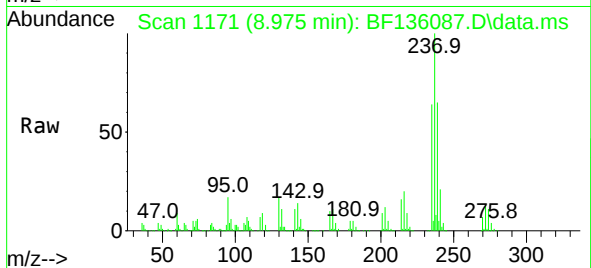
Tgt Ion:216 Resp: 409551
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 21.5 17.5 26.3
108 18.2 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 47.528 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

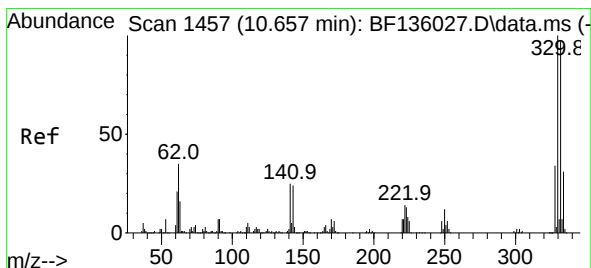
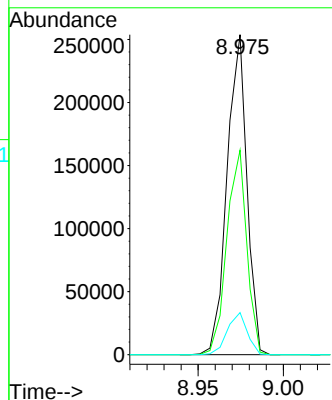
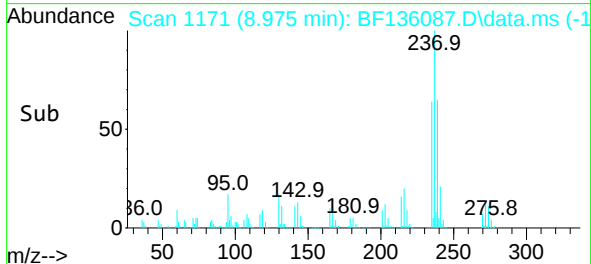
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



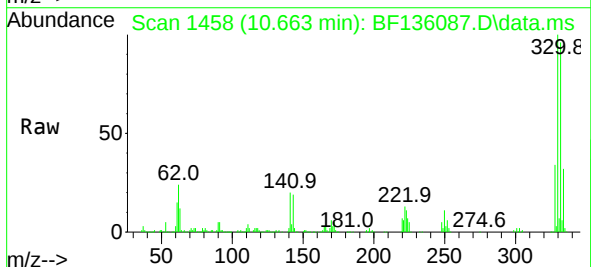
Tgt Ion:237 Resp: 205380
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 13.1 0.0 34.2

Manual Integrations
APPROVED

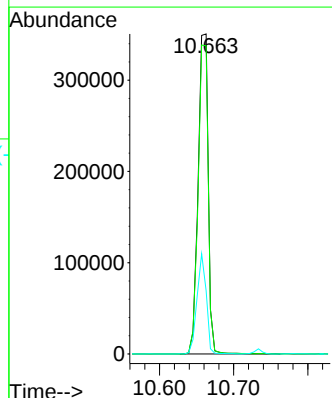
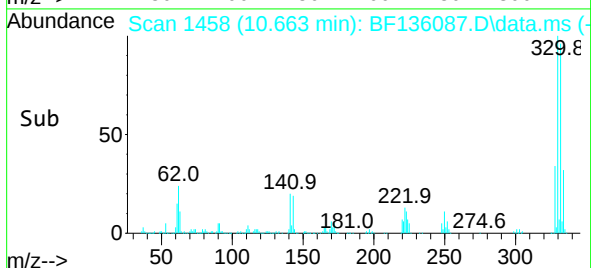
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

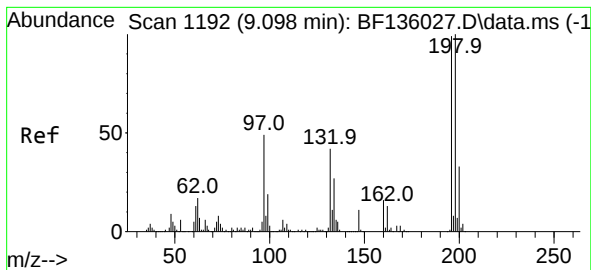


#42
2,4,6-Tribromophenol
Concen: 109.256 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



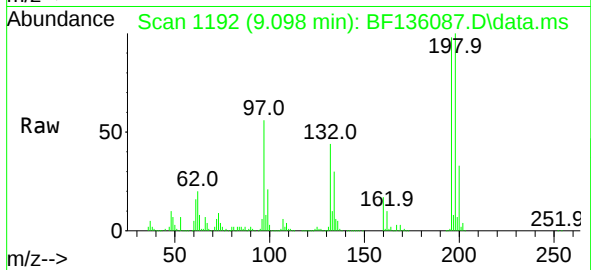
Tgt Ion:330 Resp: 330754
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.8 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 51.099 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

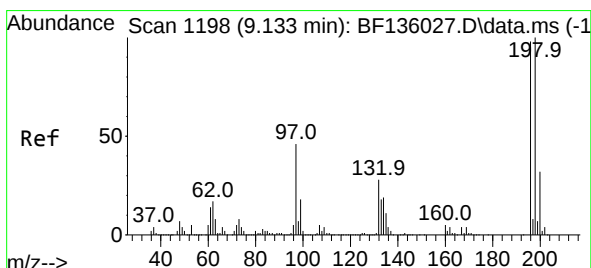
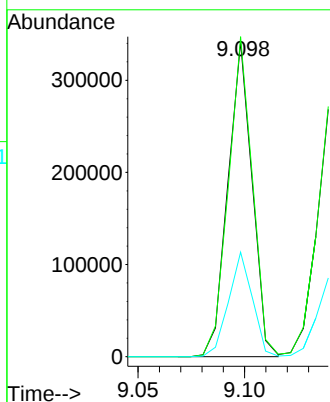
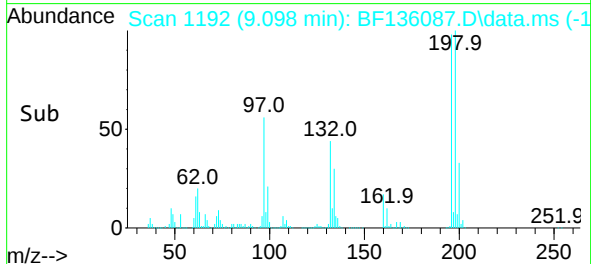
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



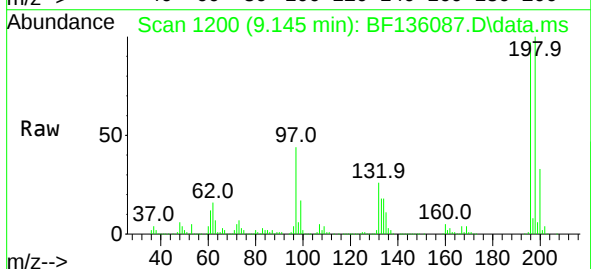
Tgt Ion:196 Resp: 26949
Ion Ratio Lower Upper
196 100
198 101.6 80.7 121.1
200 33.2 26.8 40.2

Manual Integrations
APPROVED

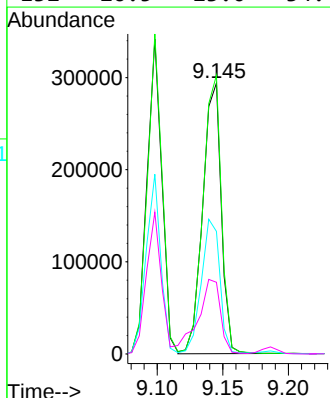
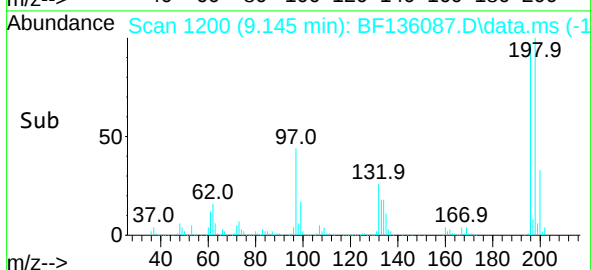
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

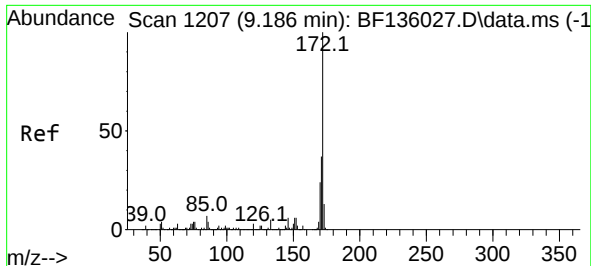


#44
2,4,5-Trichlorophenol
Concen: 47.479 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.012 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:196 Resp: 290059
Ion Ratio Lower Upper
196 100
198 102.9 81.6 122.4
97 45.2 38.2 57.2
132 26.5 23.0 34.4





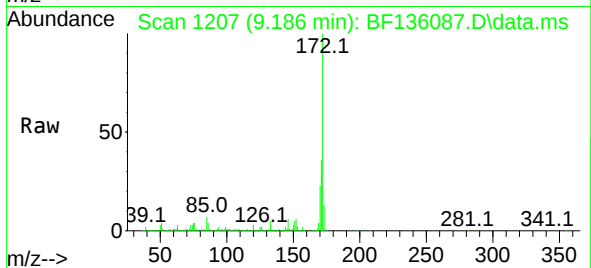
#45
2-Fluorobiphenyl
Concen: 76.432 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD



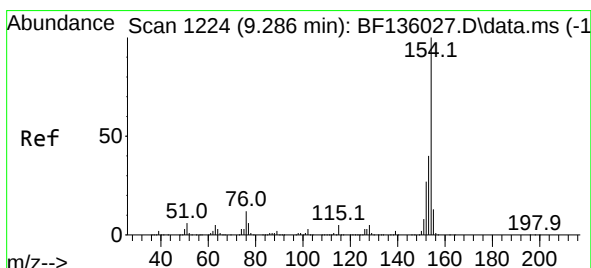
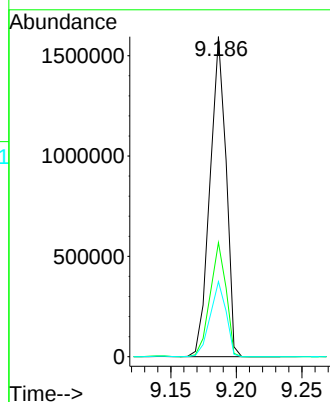
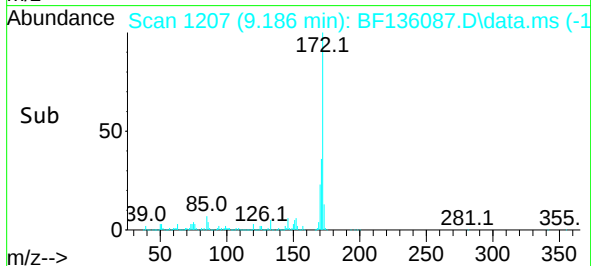
Tgt Ion:172 Resp: 1359889
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.4 19.3 28.9

Manual Integrations

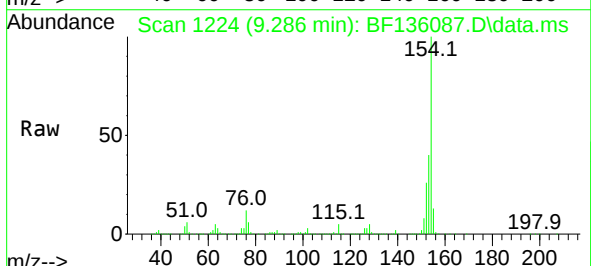
APPROVED

Reviewed By :Yogesh Patel 11/02/2023

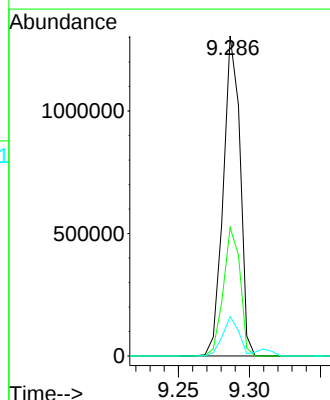
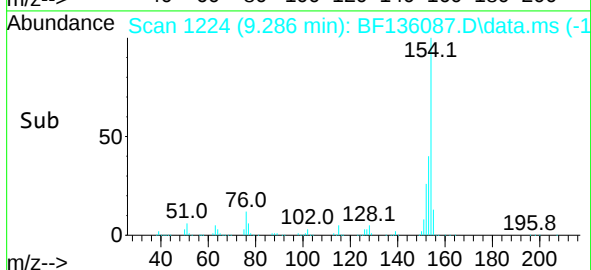
Supervised By :mohammad ahmed 11/02/2023

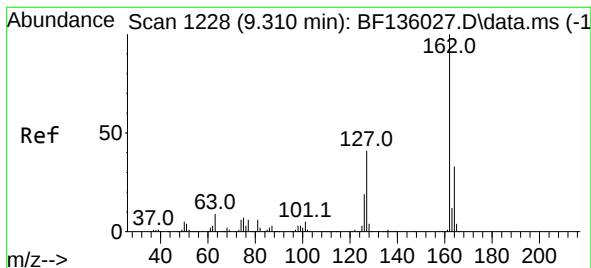


#46
1,1'-Biphenyl
Concen: 49.505 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:154 Resp: 1070344
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.3 0.0 32.5





#47

2-Chloronaphthalene

Concen: 50.311 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

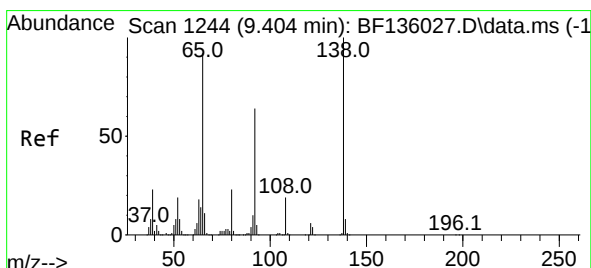
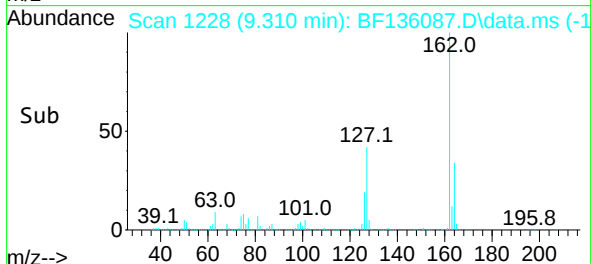
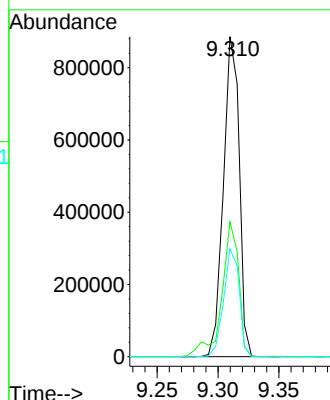
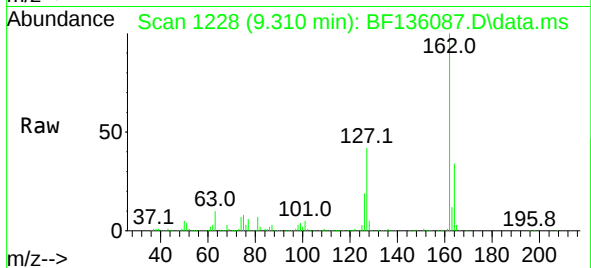
Tgt Ion:162 Resp: 801904

Ion	Ratio	Lower	Upper
162	100		
127	42.2	32.4	48.6
164	33.7	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#48

2-Nitroaniline

Concen: 52.721 ng

RT: 9.410 min Scan# 1245

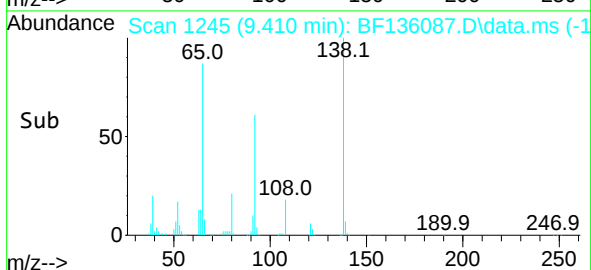
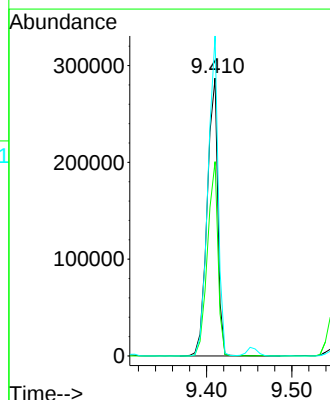
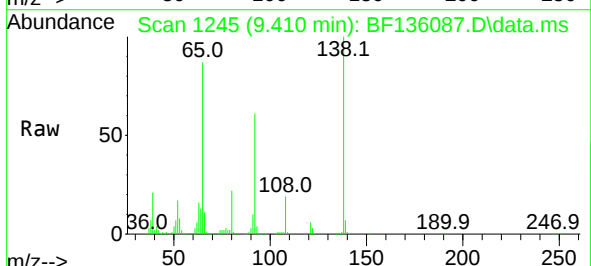
Delta R.T. 0.006 min

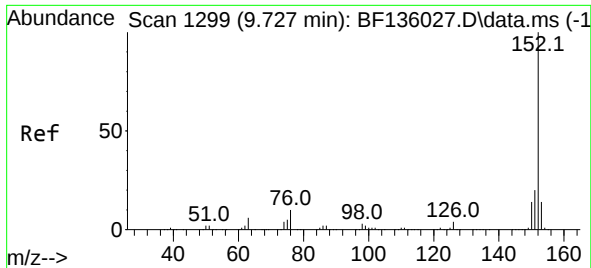
Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Tgt Ion: 65 Resp: 248690

Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.7	83.5
138	115.1	86.8	130.2





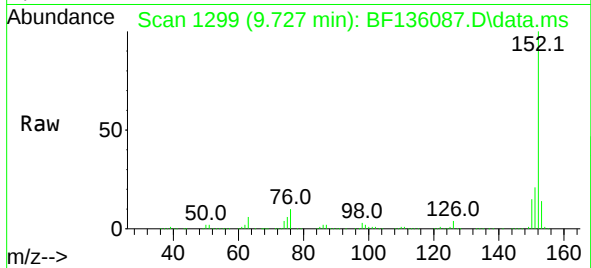
#49
Acenaphthylene
Concen: 50.315 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

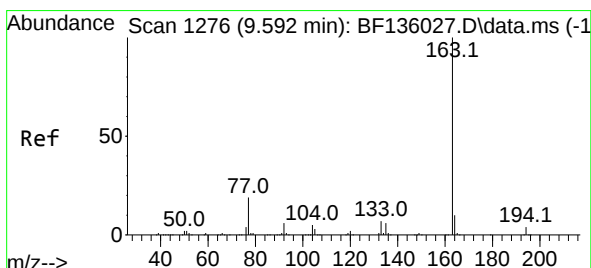
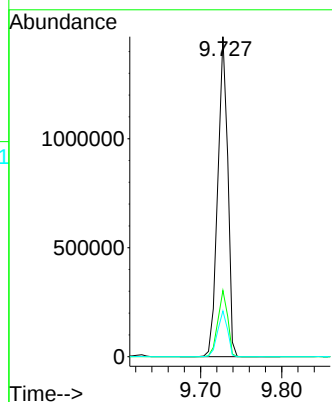
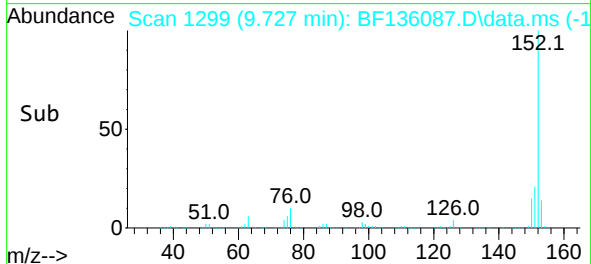


Tgt Ion:152 Resp: 1251100
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.3 11.4 17.2

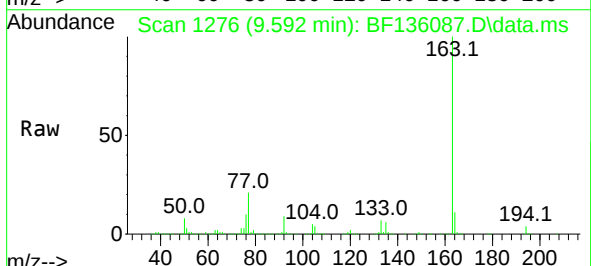
Manual Integrations

APPROVED

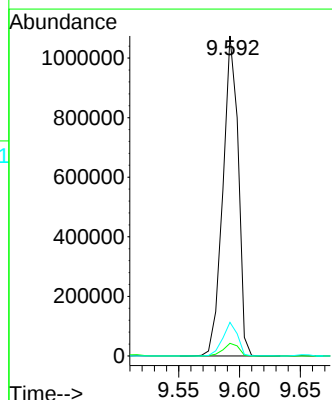
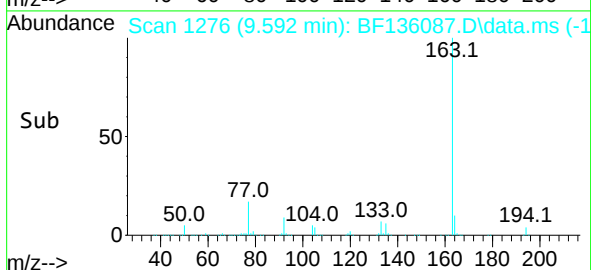
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

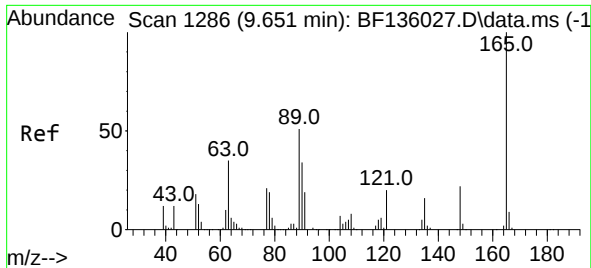


#50
Dimethylphthalate
Concen: 50.302 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:163 Resp: 941061
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 8.1 12.1





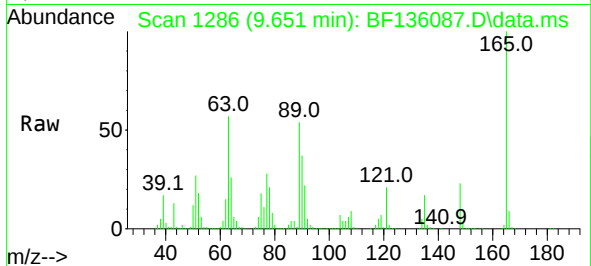
#51
2,6-Dinitrotoluene
Concen: 52.045 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

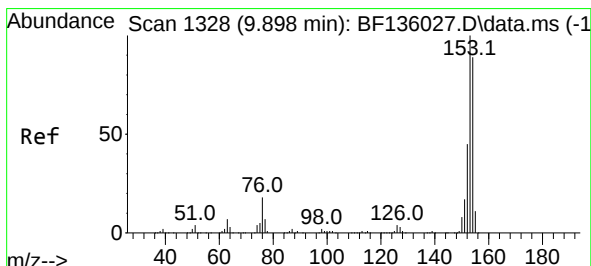
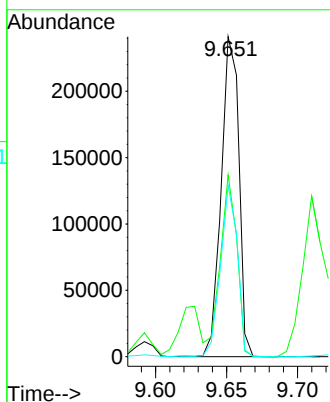
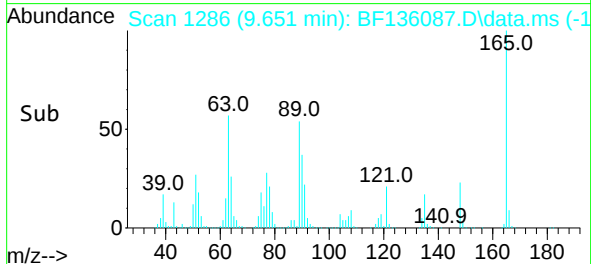


Tgt Ion:165 Resp: 208250
Ion Ratio Lower Upper
165 100
63 56.8 40.8 61.2
89 53.7 41.1 61.7

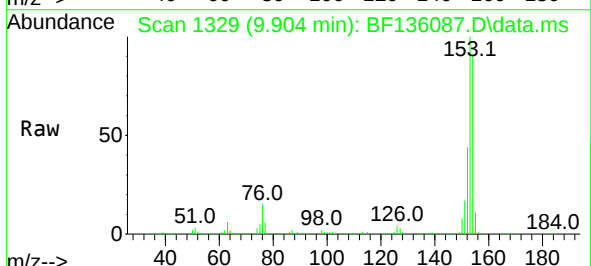
Manual Integrations

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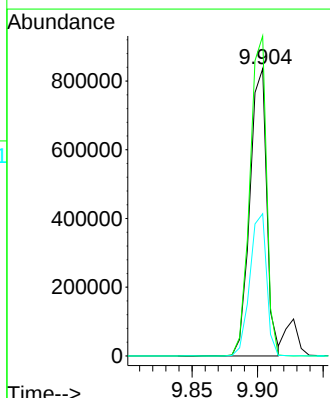
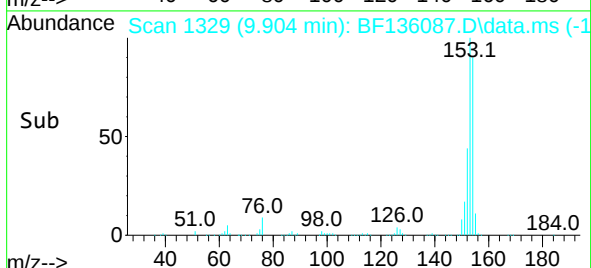
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

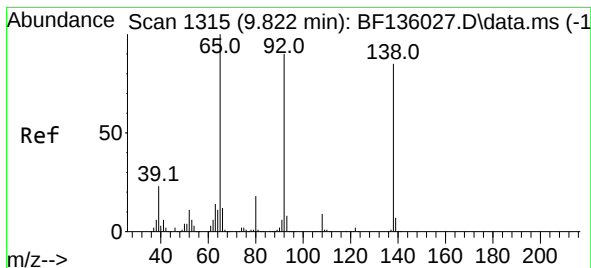


#52
Acenaphthene
Concen: 47.293 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:154 Resp: 747572
Ion Ratio Lower Upper
154 100
153 111.4 89.9 134.9
152 49.5 40.2 60.2





#53
3-Nitroaniline
Concen: 42.498 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

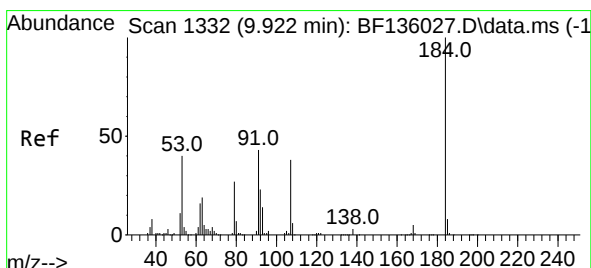
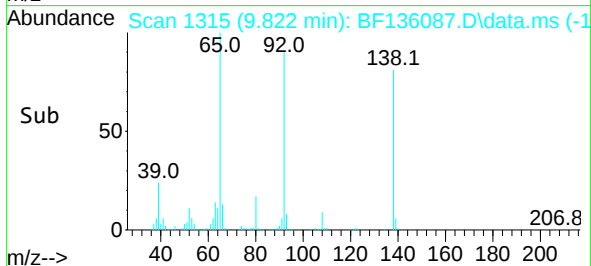
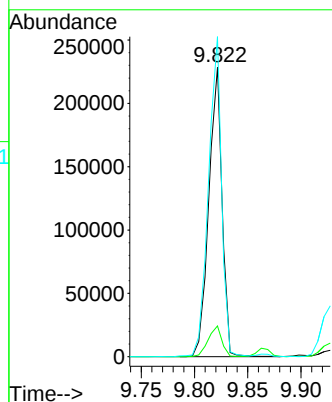
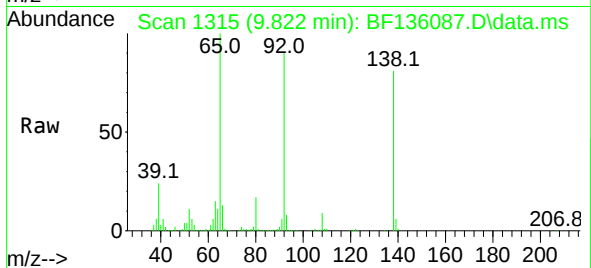
PSC-124037MSD

Tgt Ion:138 Resp: 19841
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 110.6 84.6 126.8

Manual Integrations

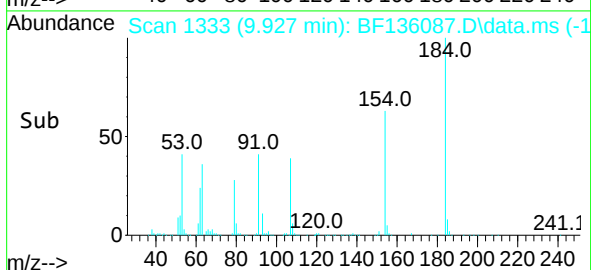
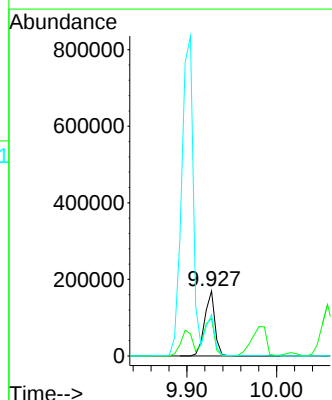
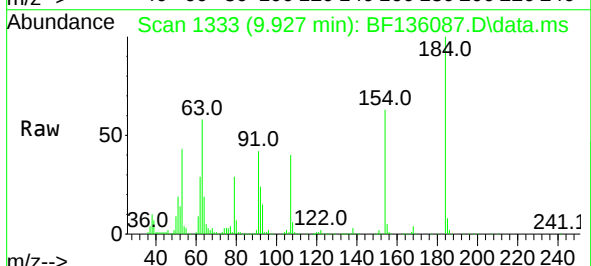
APPROVED

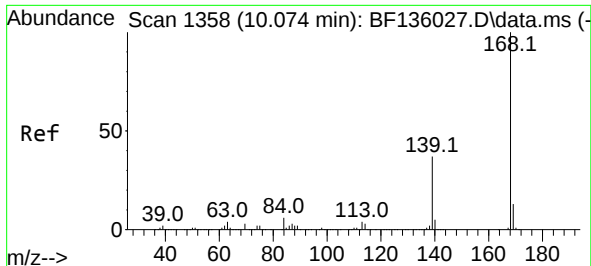
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#54
2,4-Dinitrophenol
Concen: 63.951 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.005 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

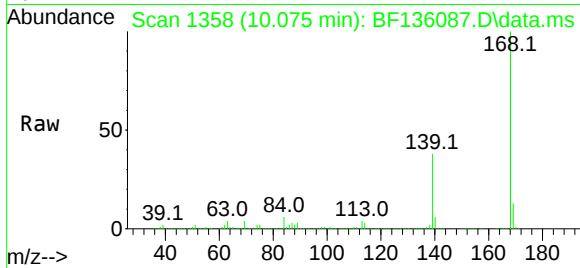
Tgt Ion:184 Resp: 134829
Ion Ratio Lower Upper
184 100
63 57.5 43.7 65.5
154 63.3 51.2 76.8





#55
Dibenzenofuran
Concen: 47.456 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

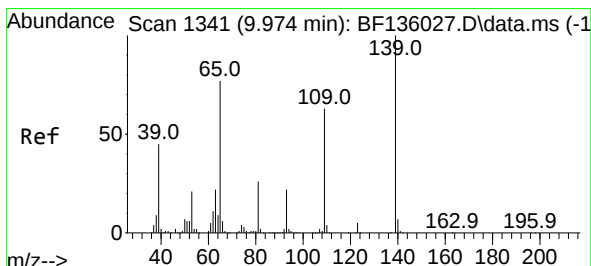
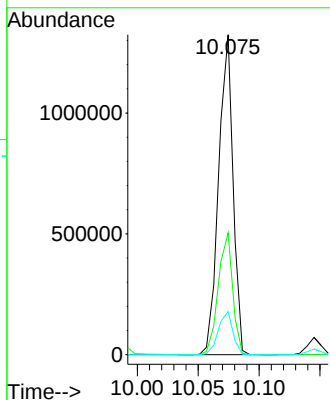
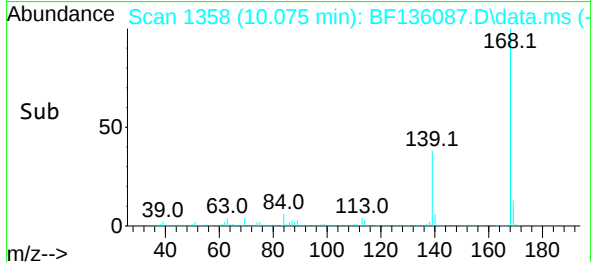
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



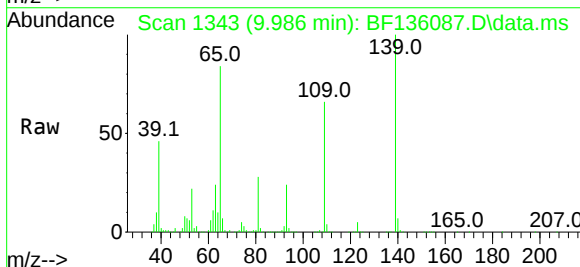
Tgt Ion:168 Resp: 1093821
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0
169 13.4 10.5 15.7

Manual Integrations
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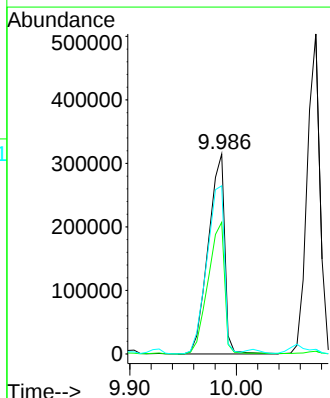
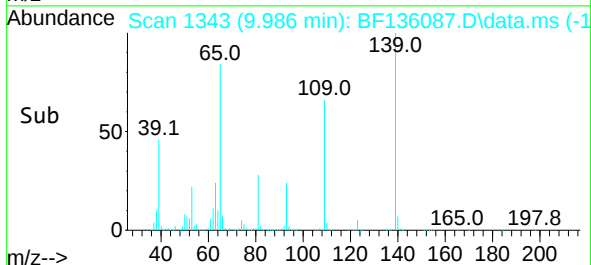
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

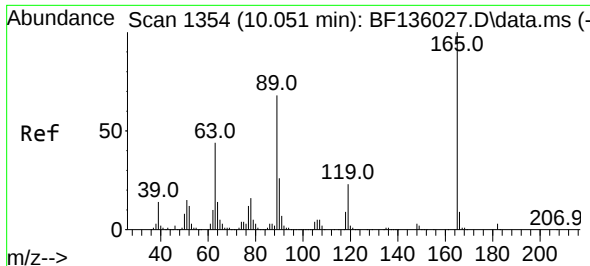


#56
4-Nitrophenol
Concen: 96.460 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:139 Resp: 336871
Ion Ratio Lower Upper
139 100
109 65.8 43.2 83.2
65 84.1 57.6 97.6





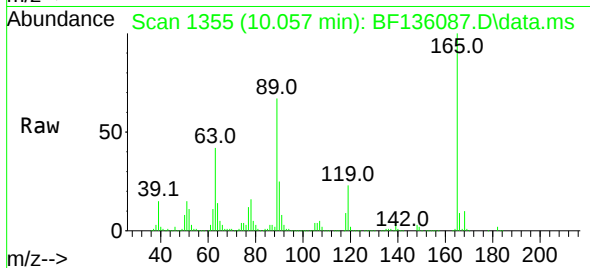
#57
2,4-Dinitrotoluene
Concen: 52.090 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

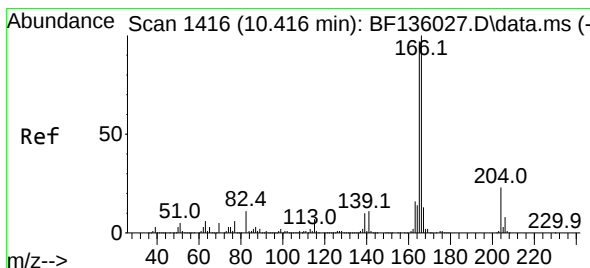
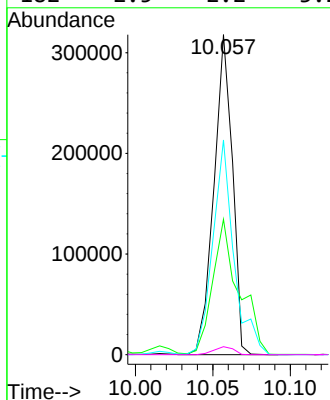
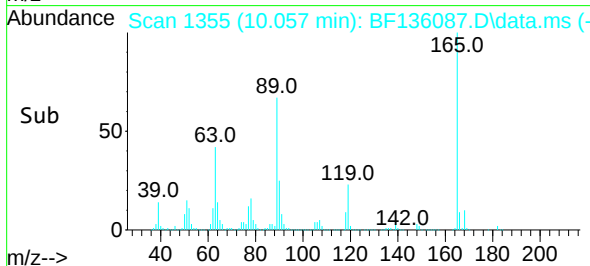


Tgt Ion:165 Resp: 26371
Ion Ratio Lower Upper
165 100
63 42.3 35.2 52.8
89 67.1 54.8 82.2
182 2.5 2.2 3.2

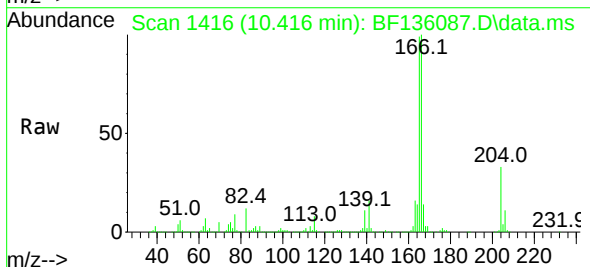
Manual Integrations

APPROVED

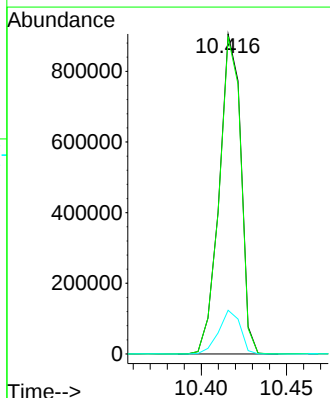
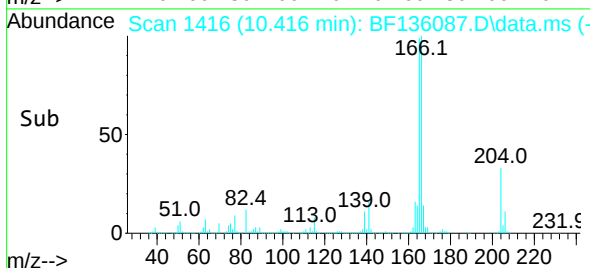
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

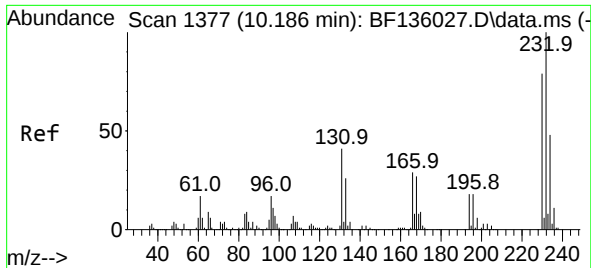


#58
Fluorene
Concen: 46.358 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



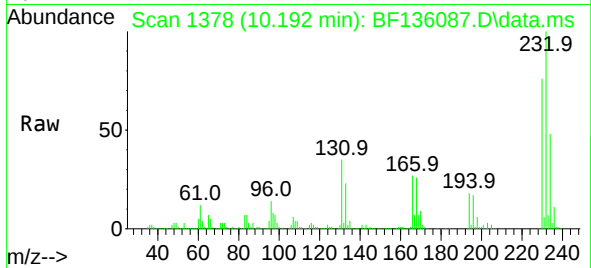
Tgt Ion:166 Resp: 800025
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.552 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

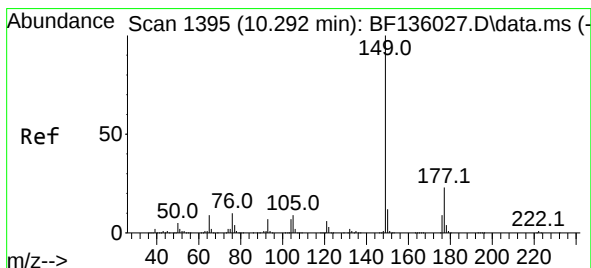
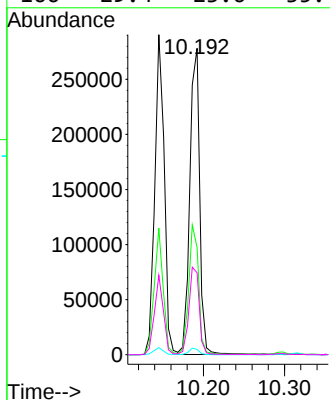
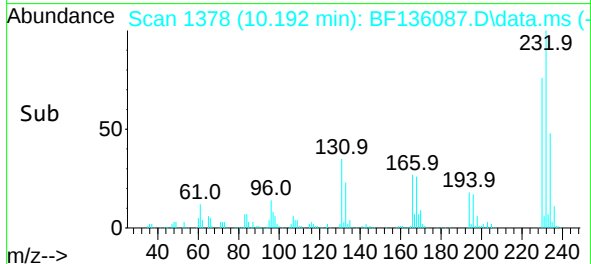
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



Tgt Ion:232 Resp: 235818
Ion Ratio Lower Upper
232 100
131 42.0 34.6 52.0
130 2.1 1.6 2.4
166 29.4 23.6 35.4

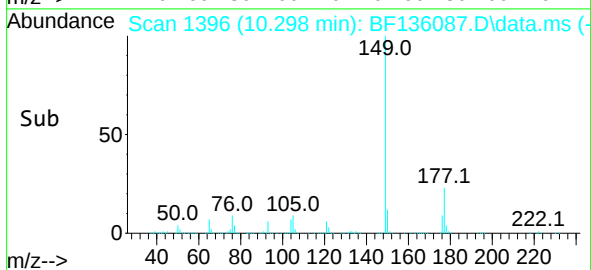
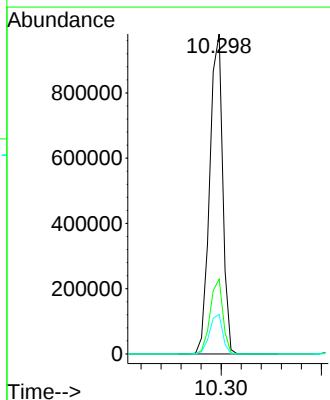
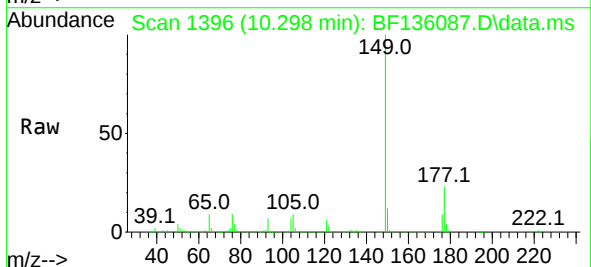
Manual Integrations
APPROVED

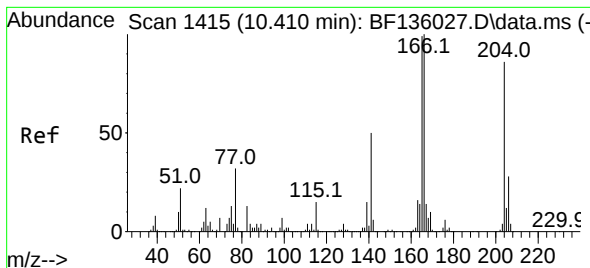
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#60
Diethylphthalate
Concen: 49.455 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

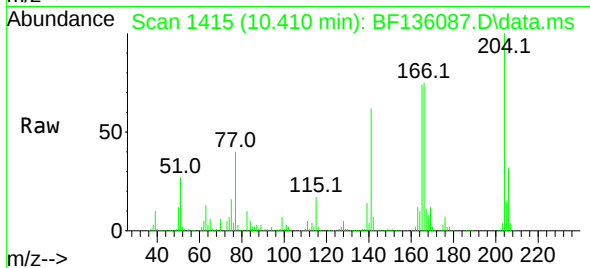
Tgt Ion:149 Resp: 884015
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.623 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

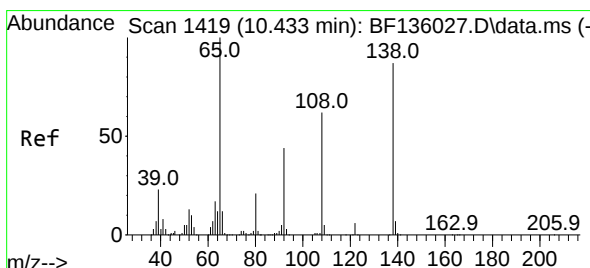
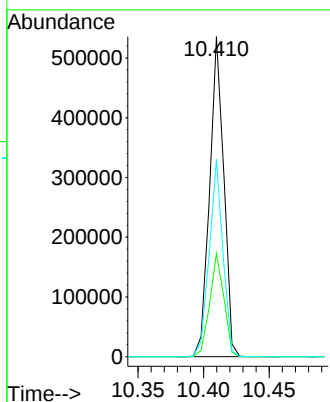
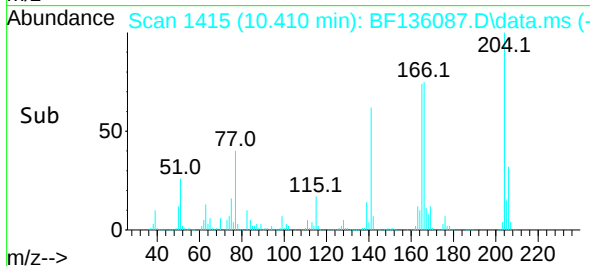
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



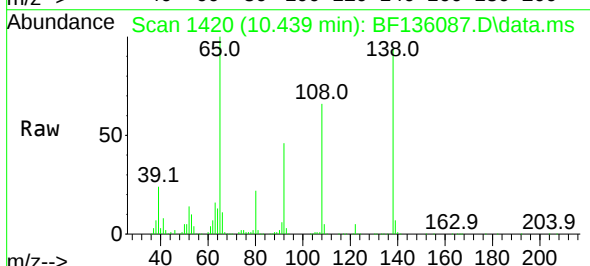
Tgt Ion:204 Resp: 401634
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 61.6 46.8 70.2

Manual Integrations
APPROVED

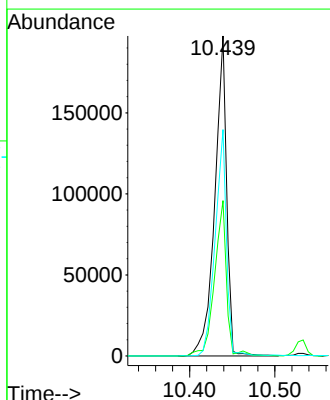
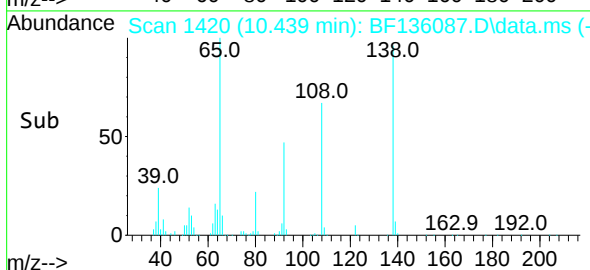
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

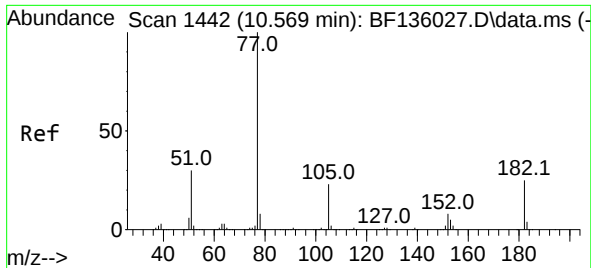


#62
4-Nitroaniline
Concen: 42.578 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:138 Resp: 191418
Ion Ratio Lower Upper
138 100
92 48.5 30.6 70.6
108 70.7 51.5 91.5





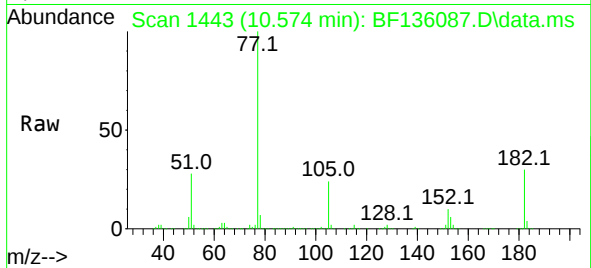
#63
Azobenzene
Concen: 46.997 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

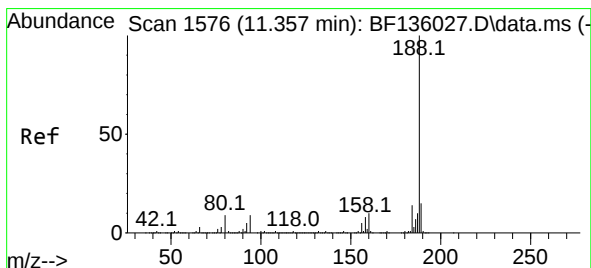
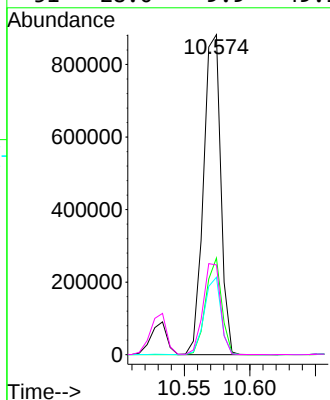
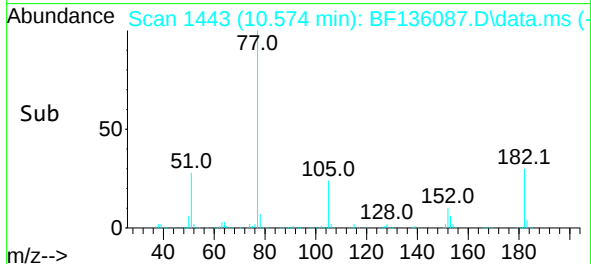


Tgt Ion: 77 Resp: 809040
Ion Ratio Lower Upper
77 100
182 30.2 5.0 45.0
105 24.2 2.6 42.6
51 28.0 9.9 49.9

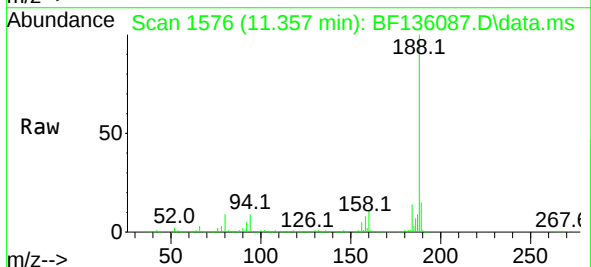
Manual Integrations

APPROVED

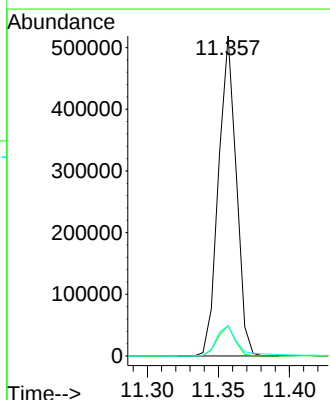
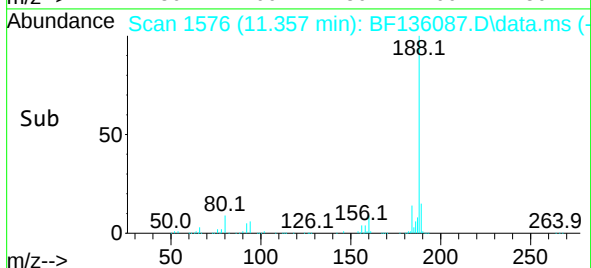
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

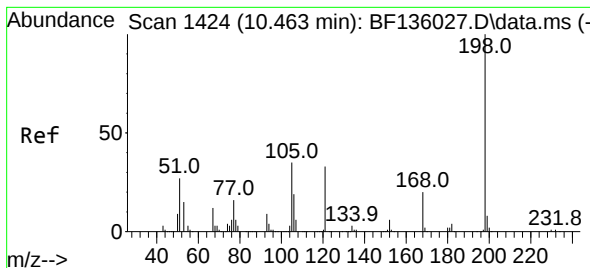


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:188 Resp: 450353
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.4 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 39.380 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

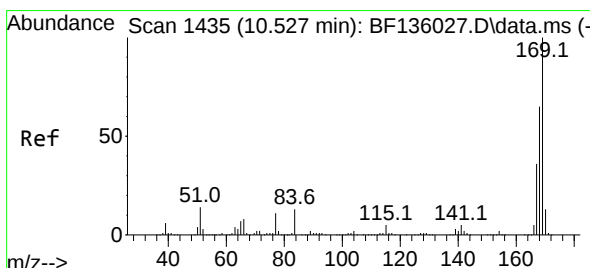
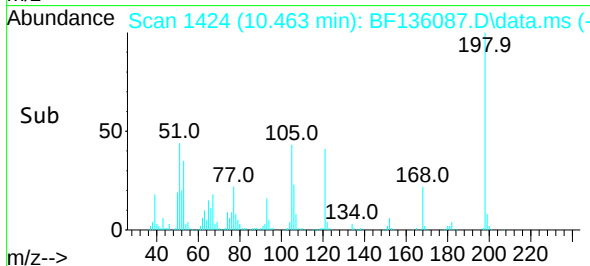
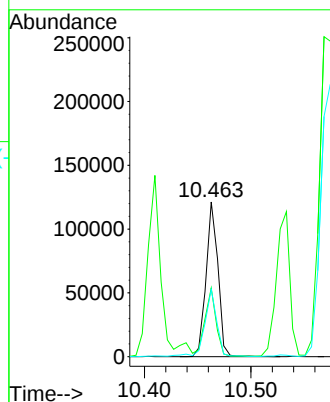
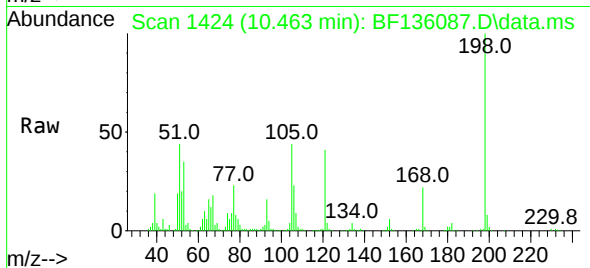
PSC-124037MSD

Tgt Ion:198 Resp: 94521
Ion Ratio Lower Upper
198 100
51 44.4 12.9 52.9
105 43.7 16.0 56.0

Manual Integrations

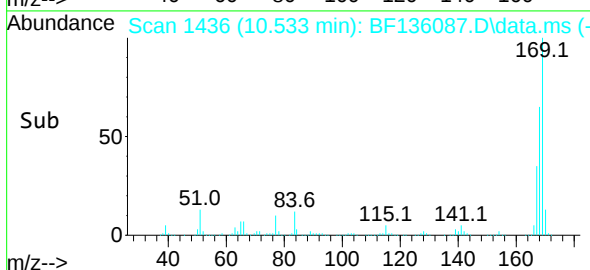
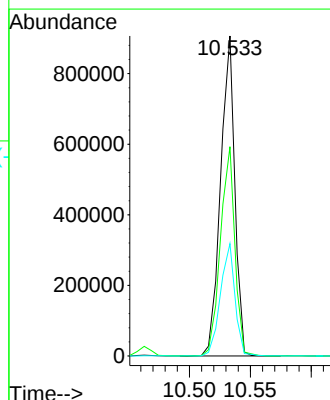
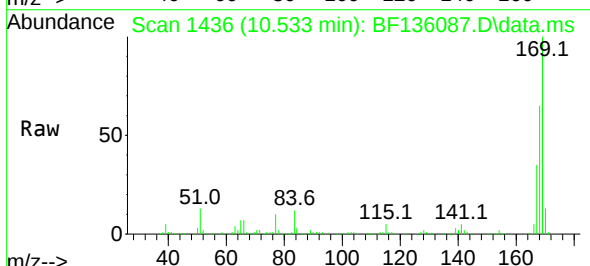
APPROVED

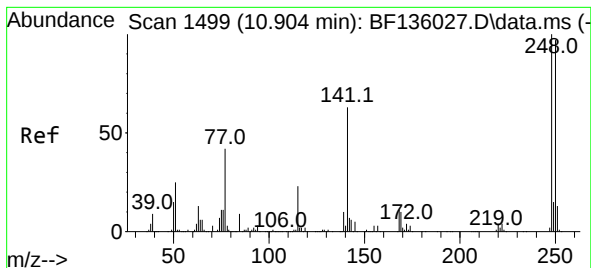
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#66
n-Nitrosodiphenylamine
Concen: 54.453 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

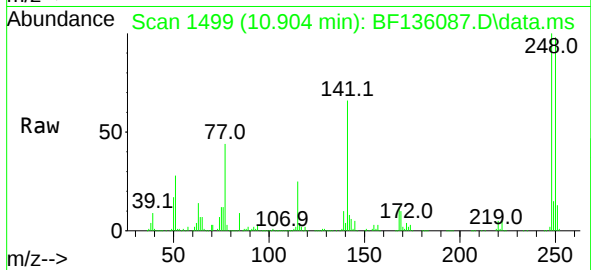
Tgt Ion:169 Resp: 739772
Ion Ratio Lower Upper
169 100
168 65.4 52.2 78.2
167 35.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 54.455 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

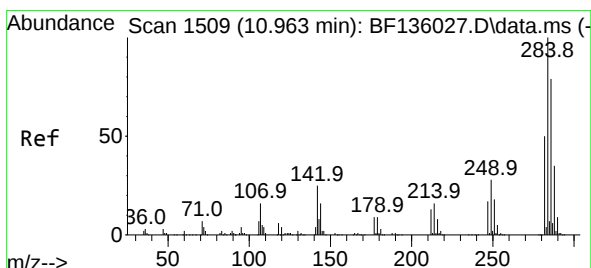
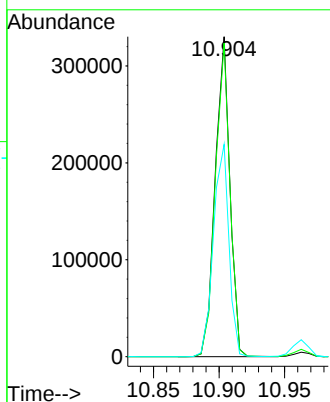
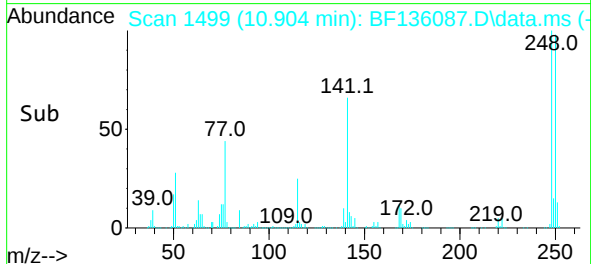
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



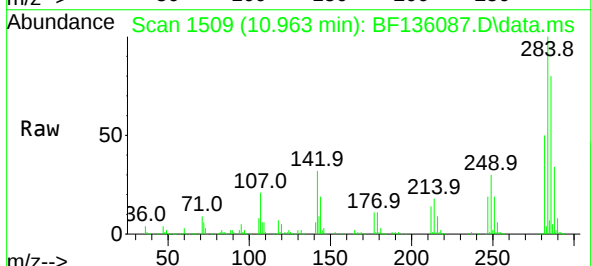
Tgt Ion:248 Resp: 257110
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 66.4 50.4 75.6

Manual Integrations
APPROVED

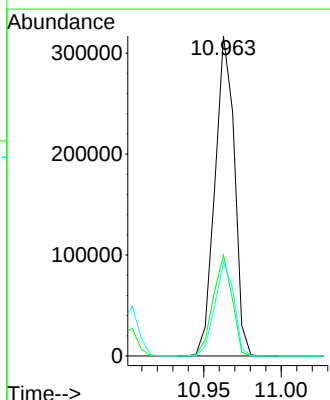
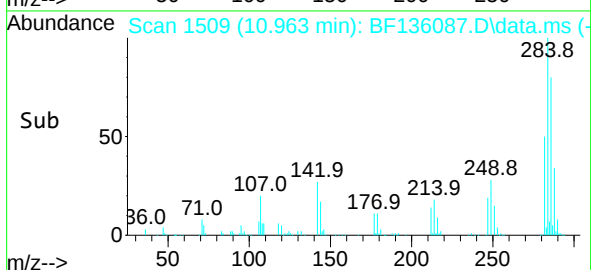
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

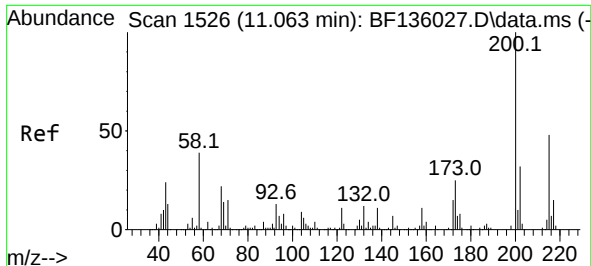


#68
Hexachlorobenzene
Concen: 54.837 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



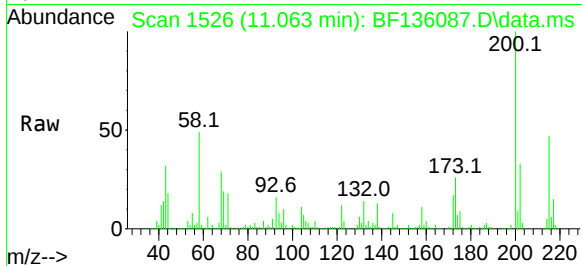
Tgt Ion:284 Resp: 276533
Ion Ratio Lower Upper
284 100
142 31.5 20.2 30.4#
249 29.6 22.6 33.8





#69
 Atrazine
 Concen: 67.349 ng
 RT: 11.063 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136087.D
 Acq: 01 Nov 2023 20:35

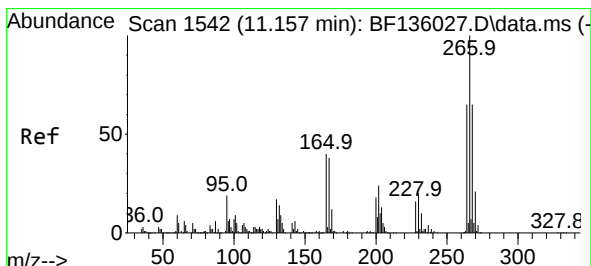
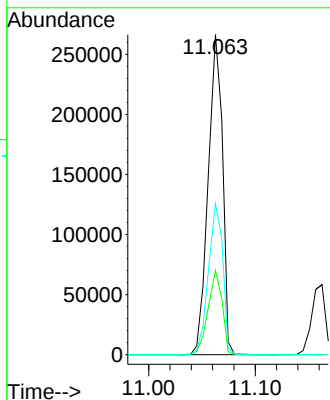
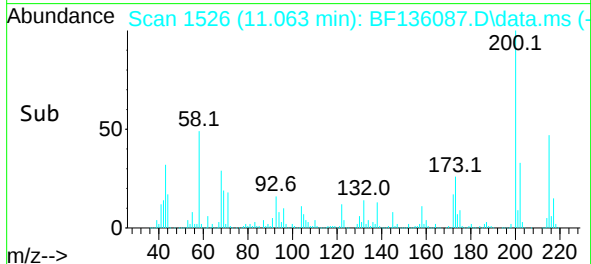
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037MSD



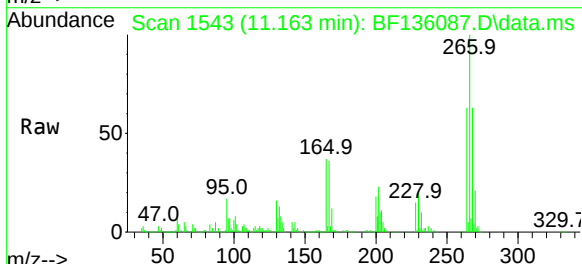
Tgt Ion:200 Resp: 248944
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.2 45.2
 215 47.2 28.4 68.4

Manual Integrations
 APPROVED

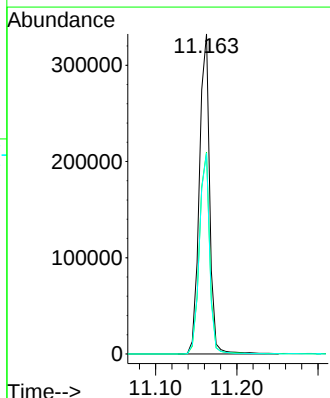
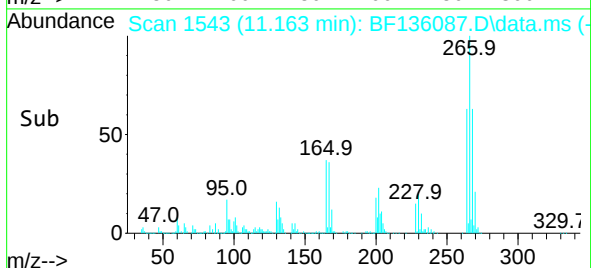
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

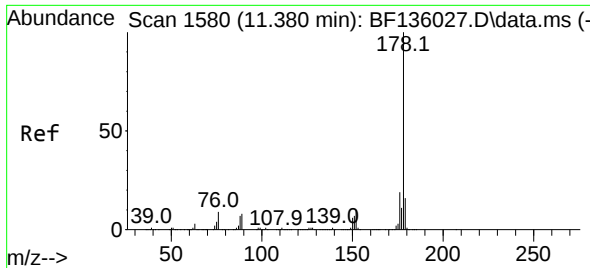


#70
 Pentachlorophenol
 Concen: 90.629 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. 0.006 min
 Lab File: BF136087.D
 Acq: 01 Nov 2023 20:35



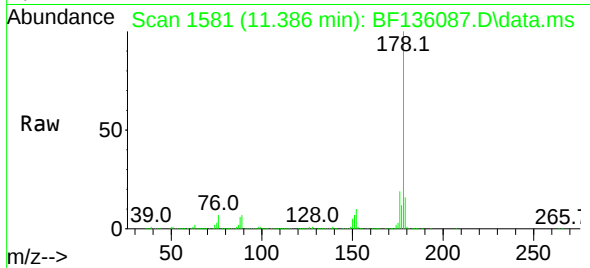
Tgt Ion:266 Resp: 293511
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.2 78.4
 264 62.8 52.2 78.4





#71
Phenanthrene
Concen: 49.618 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

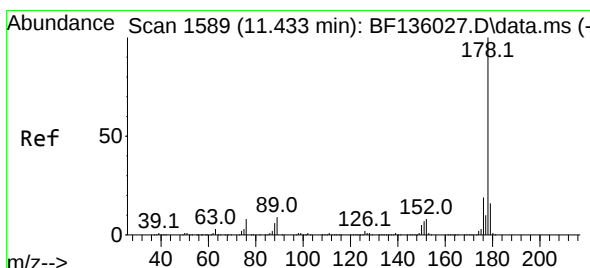
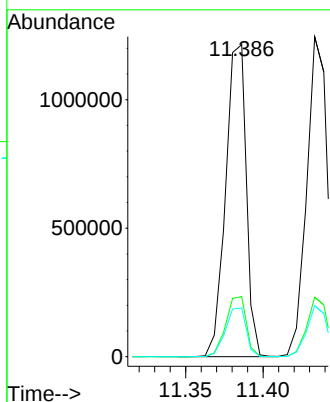
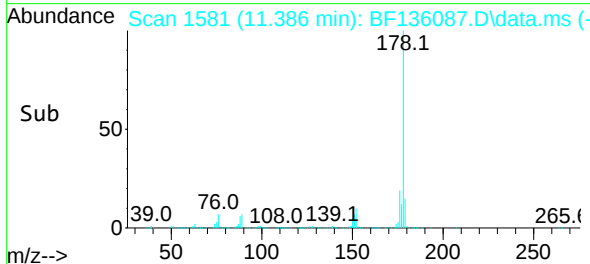
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



Tgt Ion:178 Resp: 112511
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.9 19.3

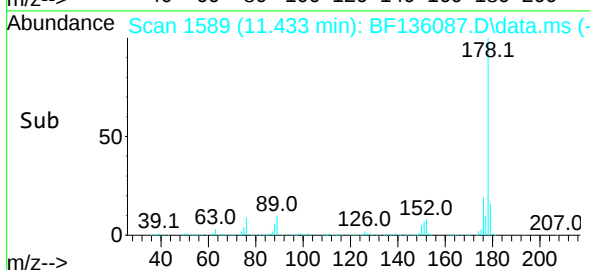
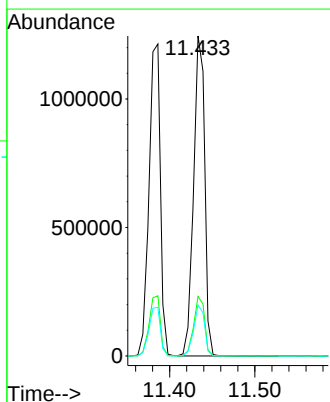
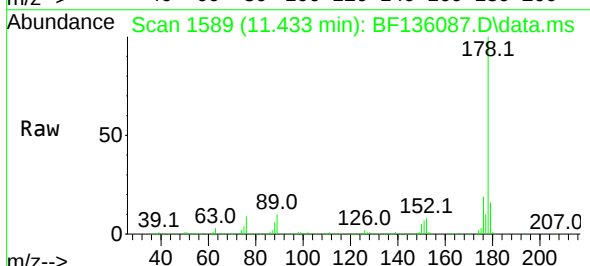
Manual Integrations
APPROVED

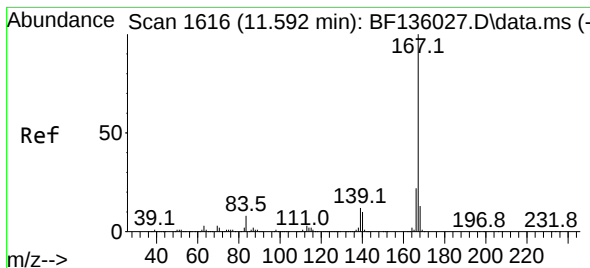
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#72
Anthracene
Concen: 48.490 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

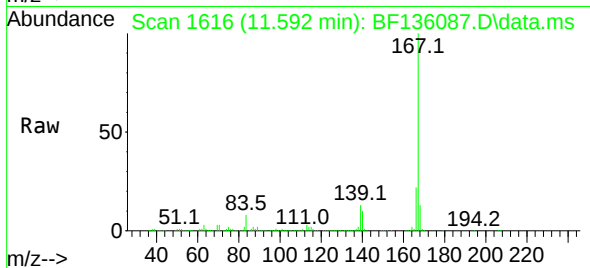
Tgt Ion:178 Resp: 1126685
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 47.015 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136087.D
 Acq: 01 Nov 2023 20:35

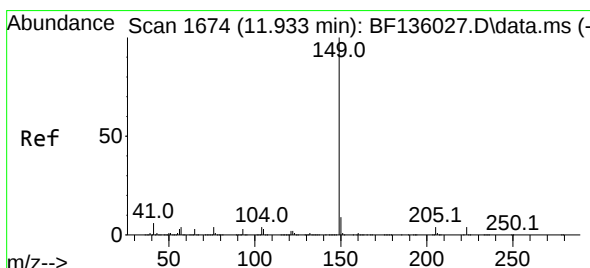
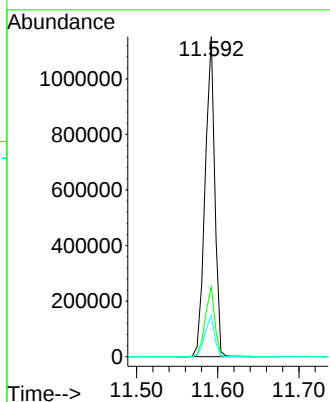
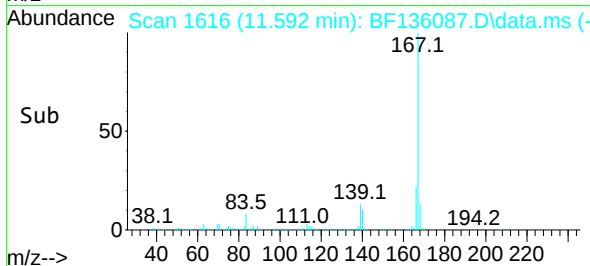
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124037MSD



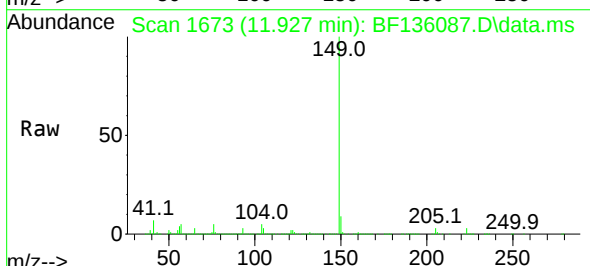
Tgt Ion:167 Resp: 949304
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

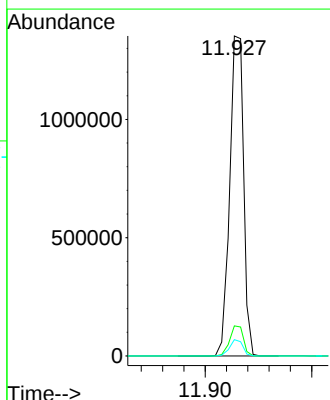
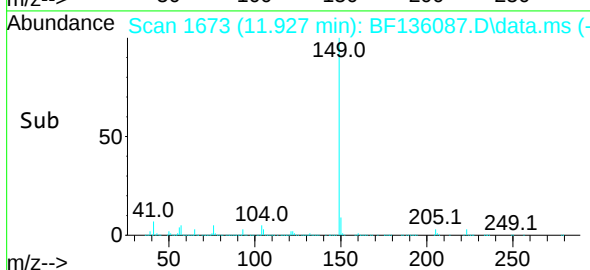
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

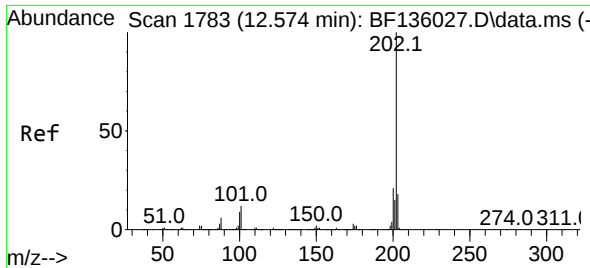


#74
 Di-n-butylphthalate
 Concen: 53.188 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136087.D
 Acq: 01 Nov 2023 20:35



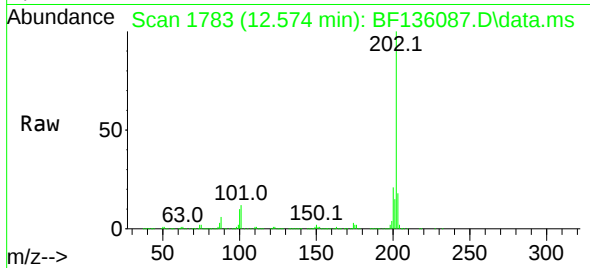
Tgt Ion:149 Resp: 1227154
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.1 3.6 5.4





#75
Fluoranthene
Concen: 45.365 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

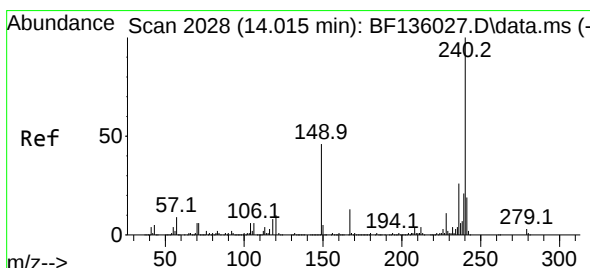
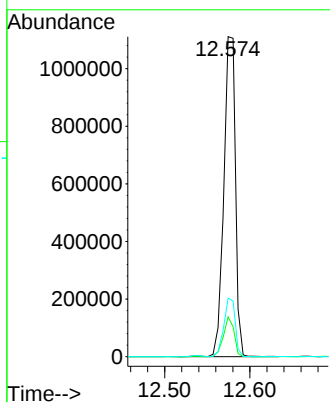
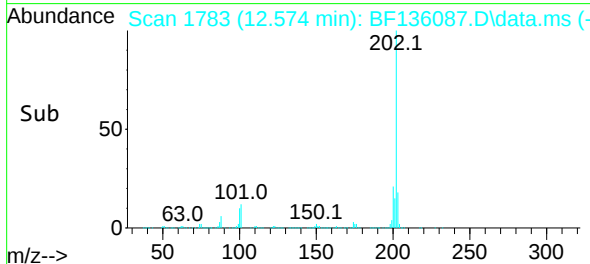
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



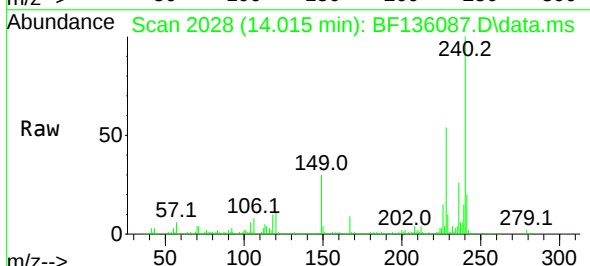
Tgt Ion:202 Resp: 105676
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.8
203 18.3 0.0 37.9

Manual Integrations
APPROVED

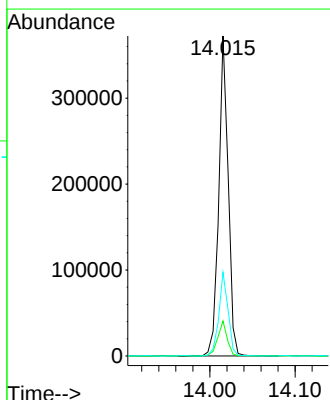
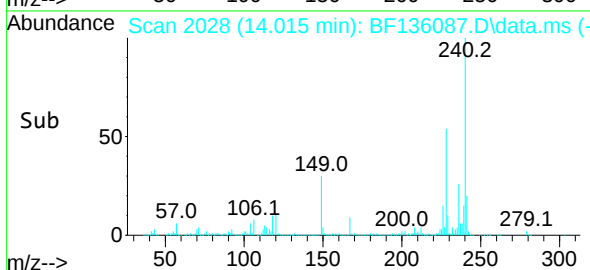
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

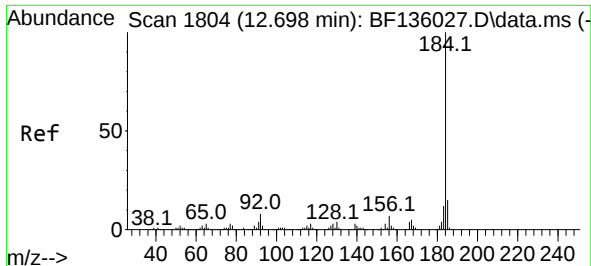


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



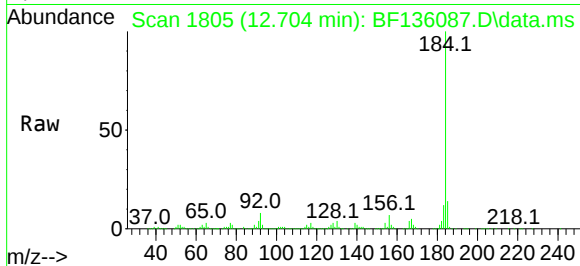
Tgt Ion:240 Resp: 286075
Ion Ratio Lower Upper
240 100
120 11.0 7.6 11.4
236 26.1 20.6 31.0





#77
Benzidine
Concen: 96.937 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

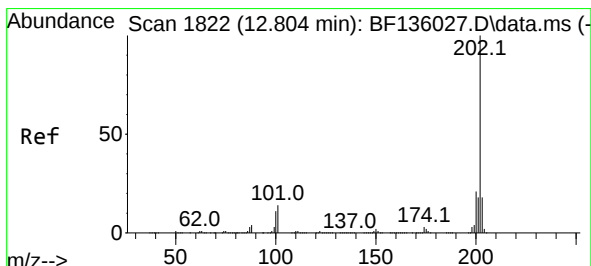
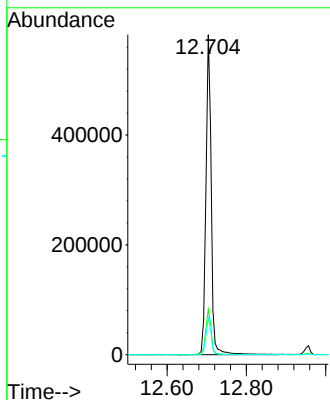
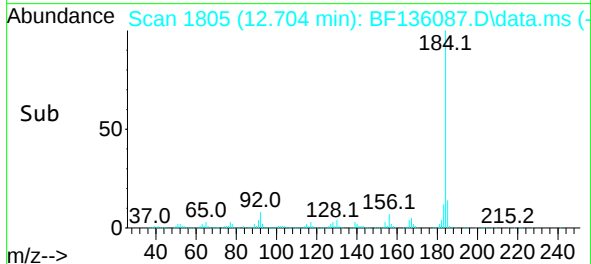
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



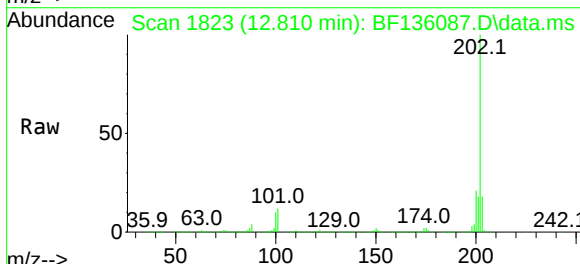
Tgt Ion:184 Resp: 54050
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.5 9.5 14.3

Manual Integrations
APPROVED

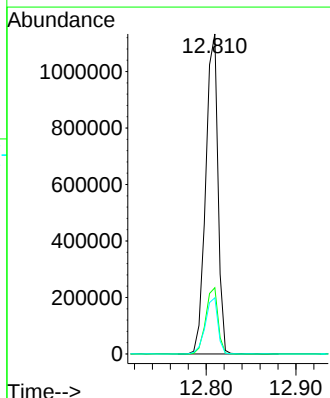
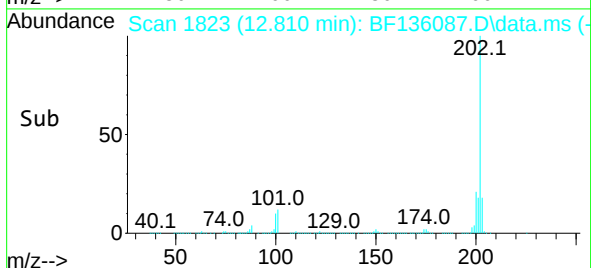
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

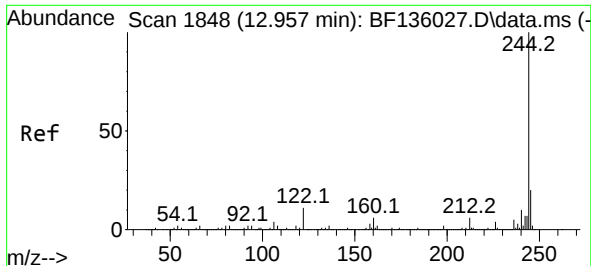


#78
Pyrene
Concen: 42.420 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:202 Resp: 1069913
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.5 14.4 21.6





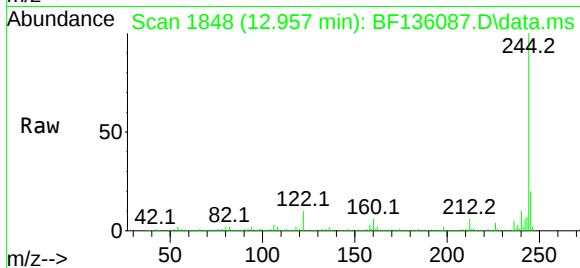
#79
 Terphenyl-d14
 Concen: 64.144 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF136087.D
 Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

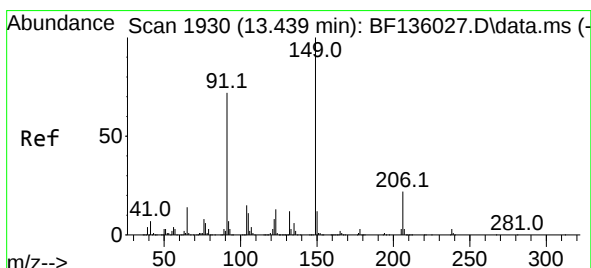
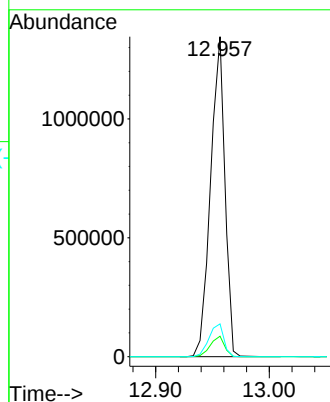
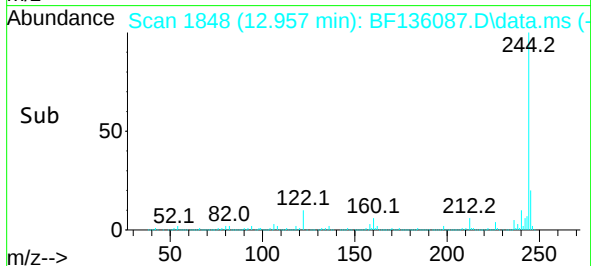


Tgt Ion:244 Resp: 118079
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.2 8.6 12.8

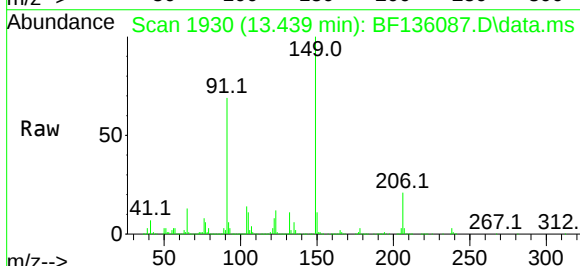
Manual Integrations

APPROVED

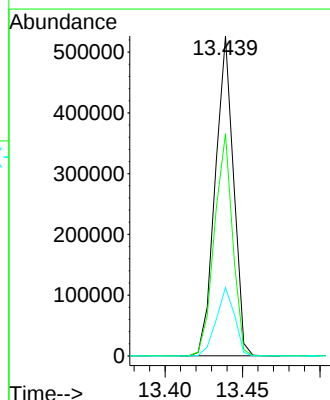
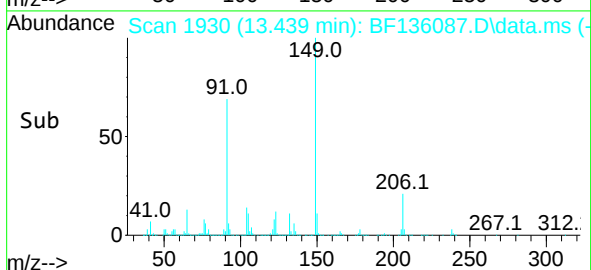
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

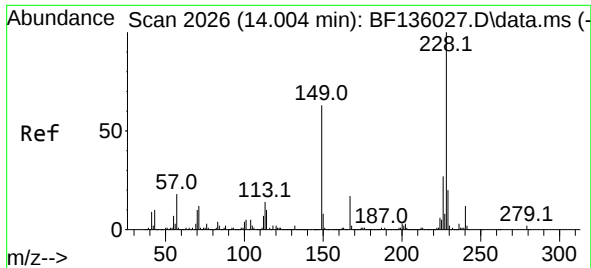


#80
 Butylbenzylphthalate
 Concen: 47.777 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136087.D
 Acq: 01 Nov 2023 20:35



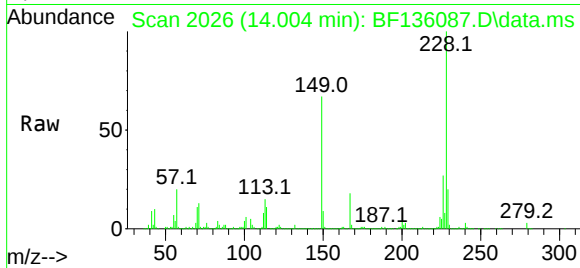
Tgt Ion:149 Resp: 431339
 Ion Ratio Lower Upper
 149 100
 91 69.5 57.6 86.4
 206 21.4 17.4 26.0





#81
Benzo(a)anthracene
Concen: 49.116 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

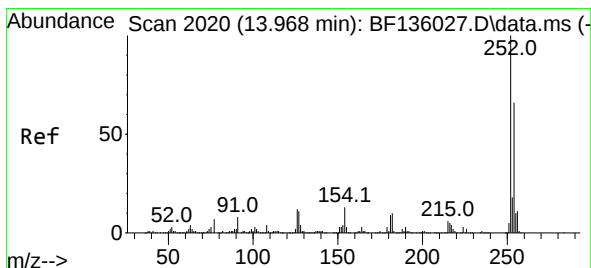
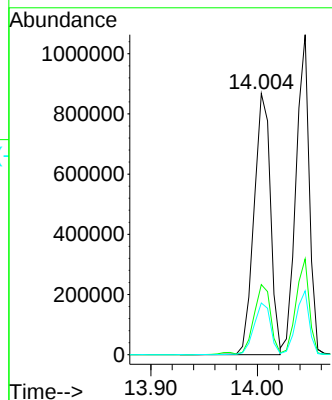
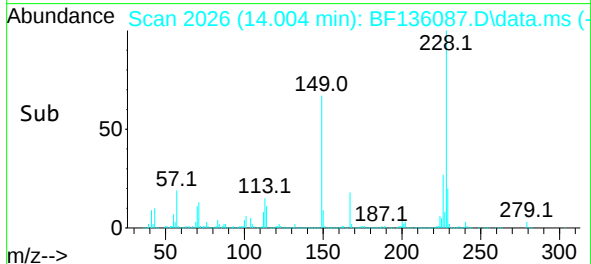
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



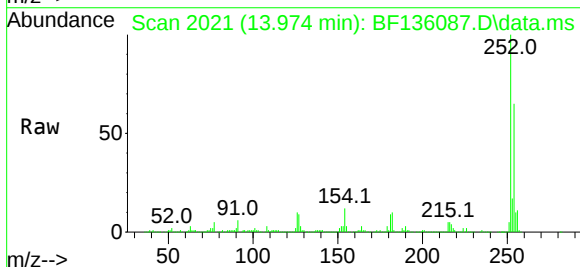
Tgt Ion:228 Resp: 930199
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.8 15.8 23.6

Manual Integrations
APPROVED

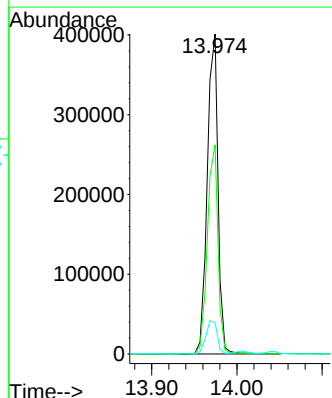
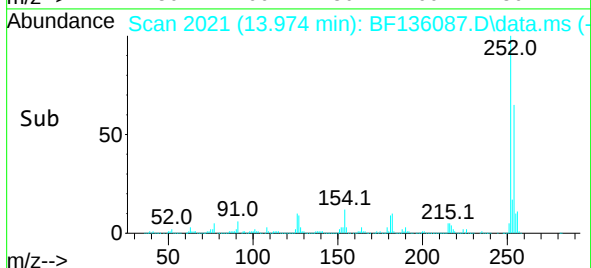
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

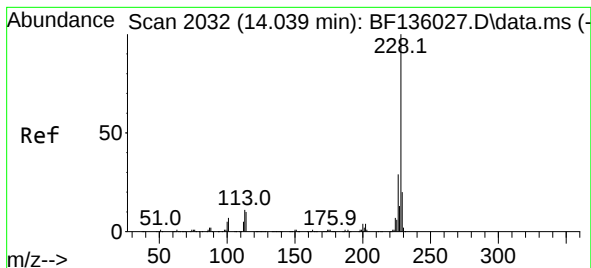


#82
3,3'-Dichlorobenzidine
Concen: 58.030 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35



Tgt Ion:252 Resp: 350779
Ion Ratio Lower Upper
252 100
254 65.3 52.5 78.7
126 9.8 9.4 14.2





#83

Chrysene

Concen: 49.090 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

Tgt Ion:228 Resp: 91560

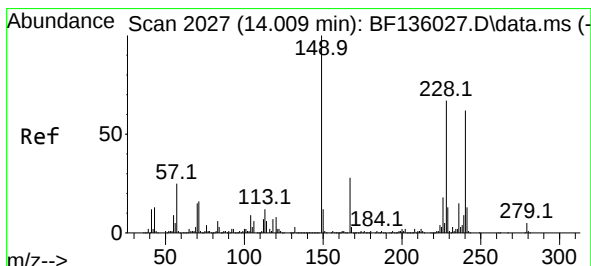
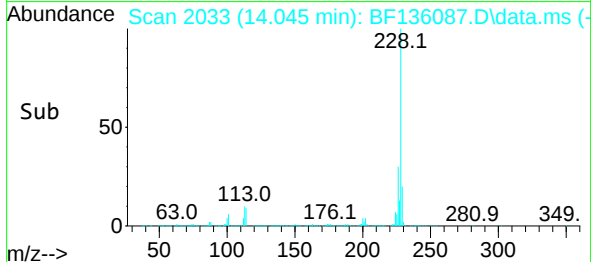
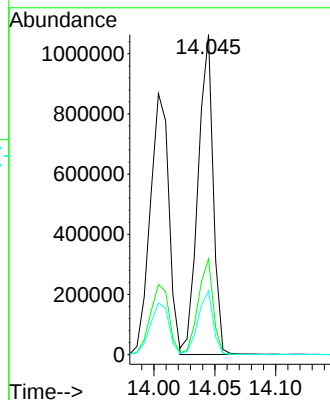
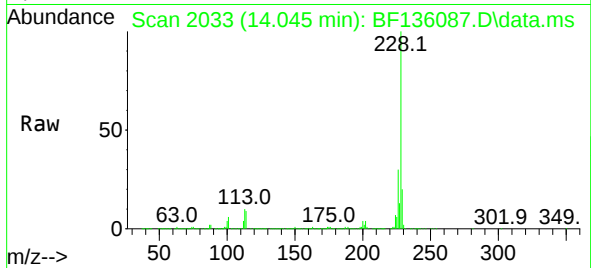
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	20.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.580 ng

RT: 14.004 min Scan# 2026

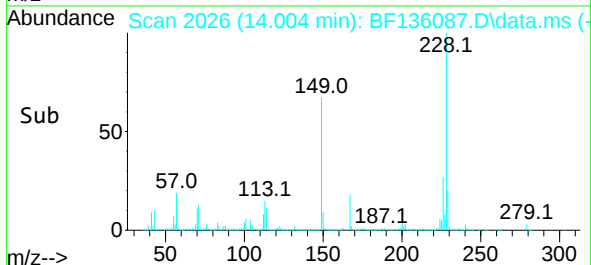
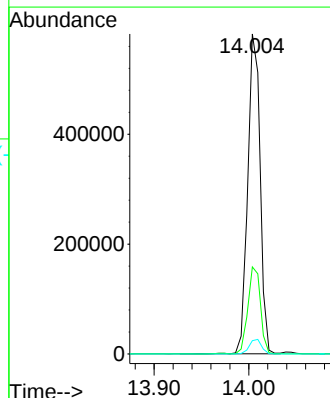
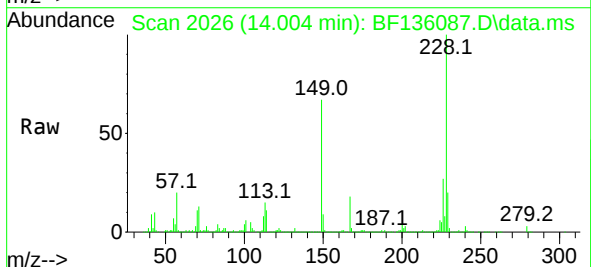
Delta R.T. -0.006 min

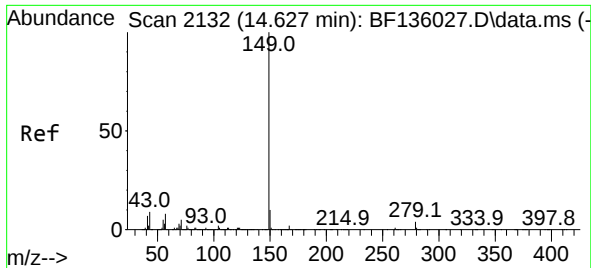
Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Tgt Ion:149 Resp: 532016

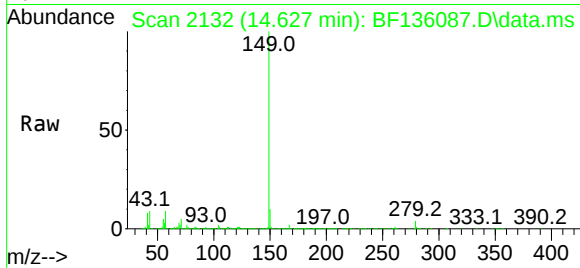
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.6	33.8
279	4.1	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 64.983 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

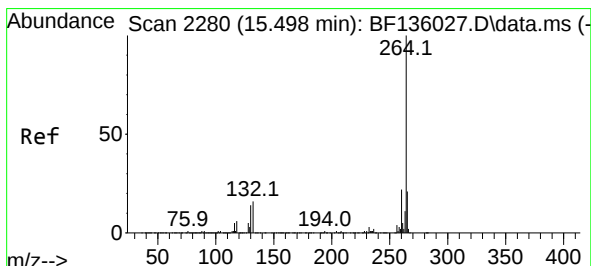
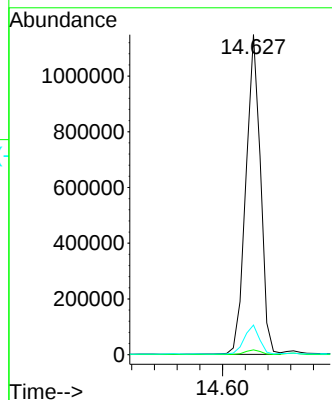
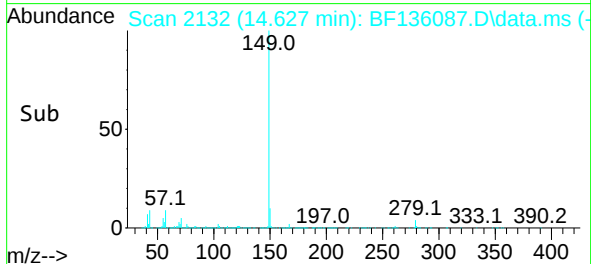
Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD



Tgt Ion:149 Resp: 1023940
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4

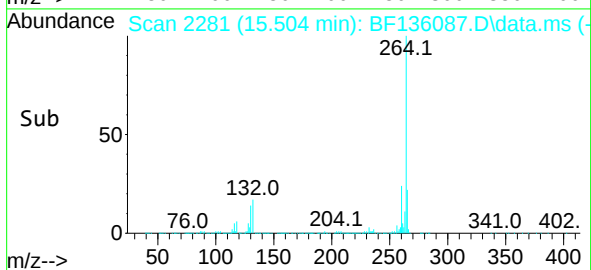
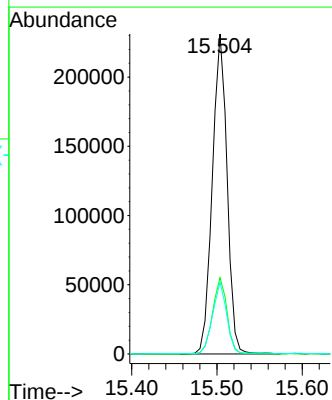
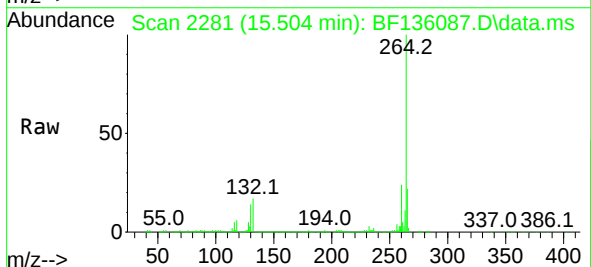
Manual Integrations
APPROVED

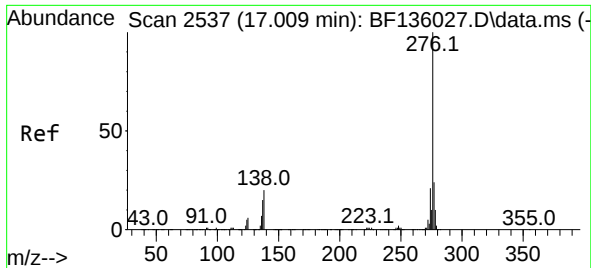
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion:264 Resp: 277736
Ion Ratio Lower Upper
264 100
260 23.9 17.9 26.9
265 22.4 16.8 25.2





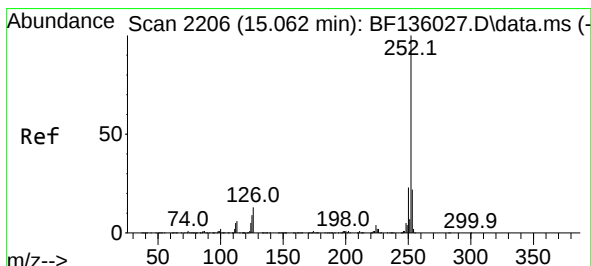
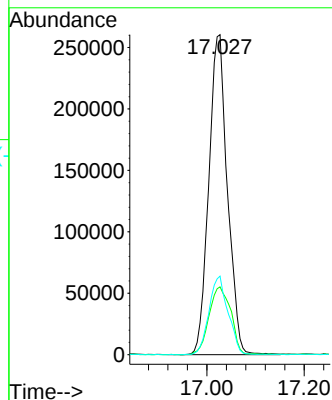
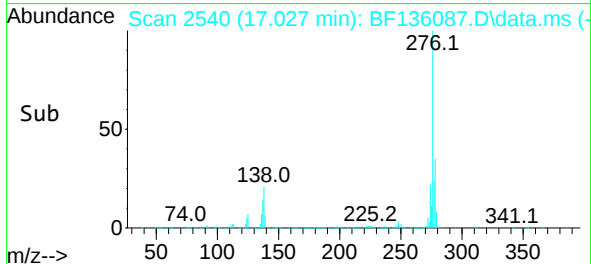
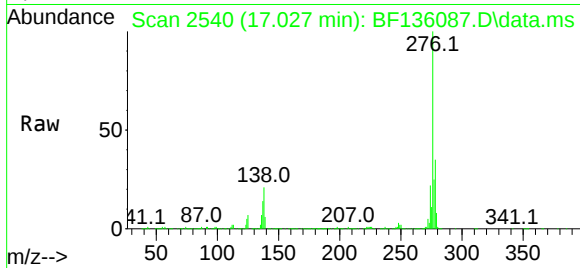
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.124 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :
BNA_F
ClientSampleId :
PSC-124037MSD

Tgt Ion:276 Resp: 69201
Ion Ratio Lower Upper
276 100
138 24.8 20.4 30.6
277 25.2 20.2 30.2

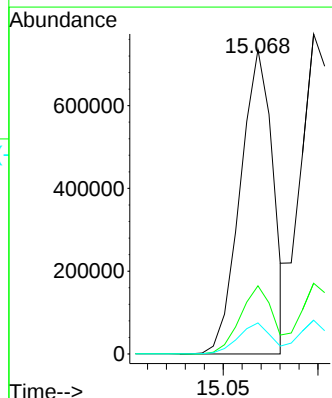
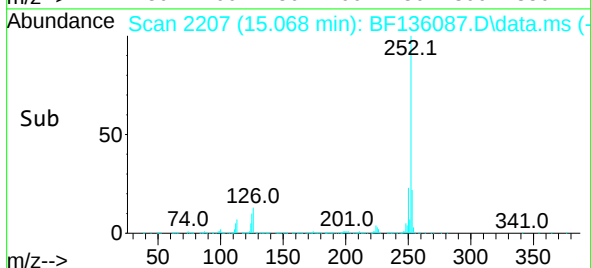
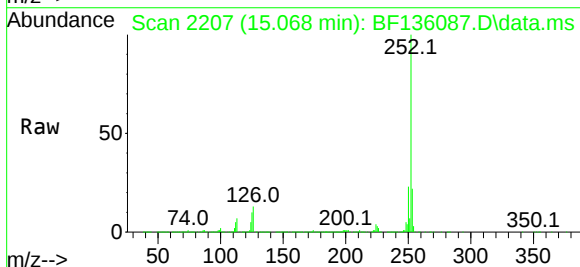
Manual Integrations
APPROVED

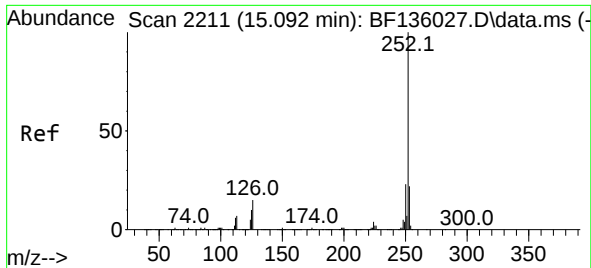
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#88
Benzo(b)fluoranthene
Concen: 53.848 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion:252 Resp: 884952
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 51.839 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

ClientSampleId :

PSC-124037MSD

Tgt Ion:252 Resp: 842938

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

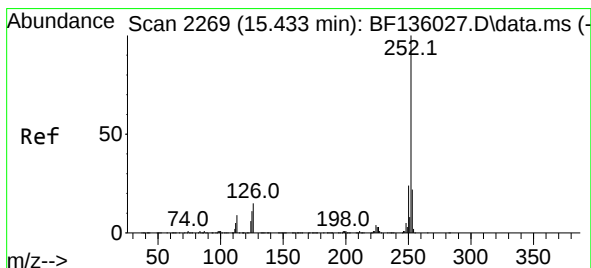
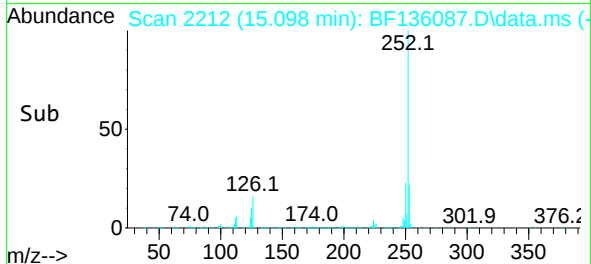
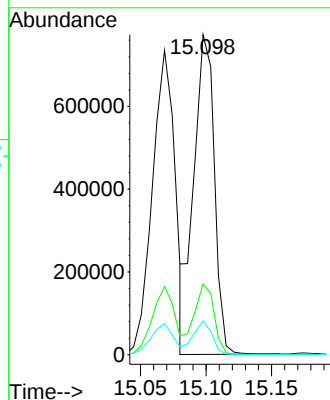
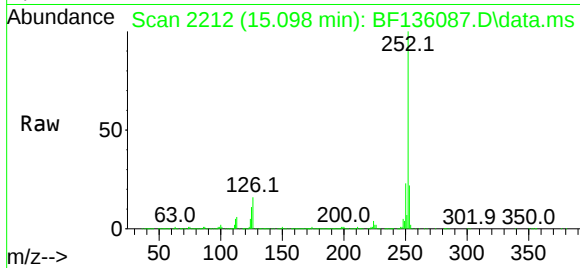
125 10.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#90

Benzo(a)pyrene

Concen: 47.576 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF136087.D

Acq: 01 Nov 2023 20:35

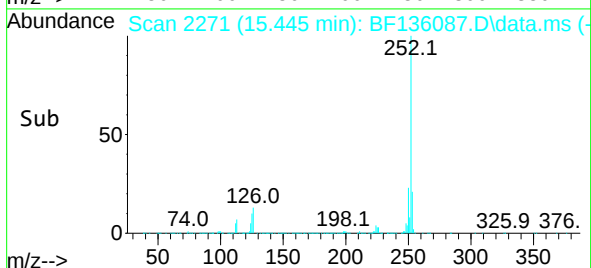
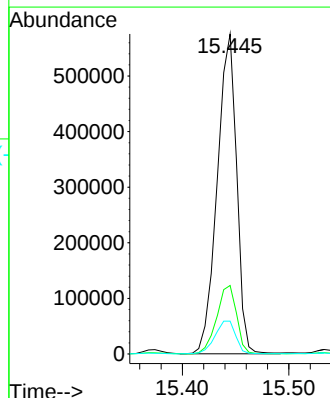
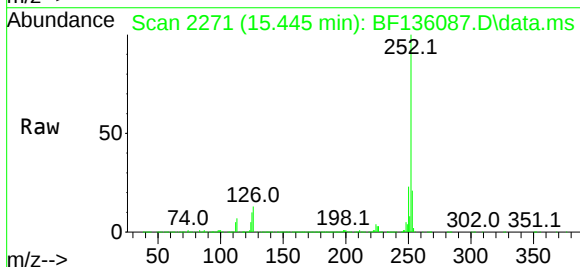
Tgt Ion:252 Resp: 726482

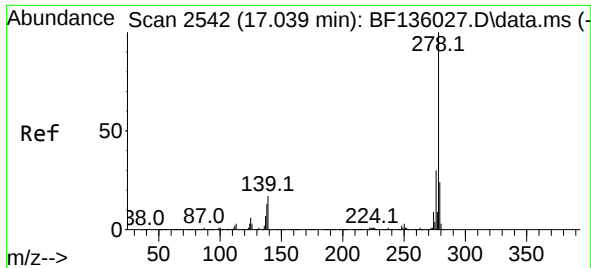
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.2 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 38.968 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Instrument :

BNA_F

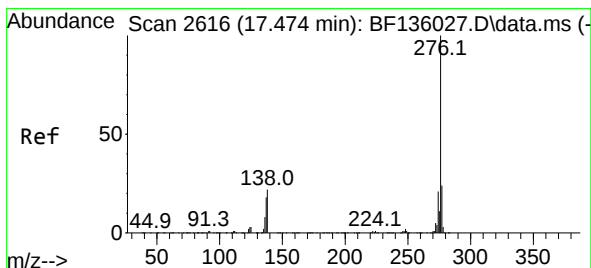
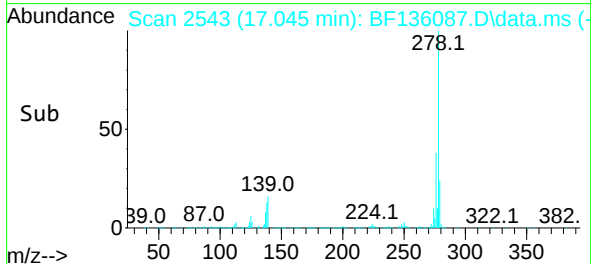
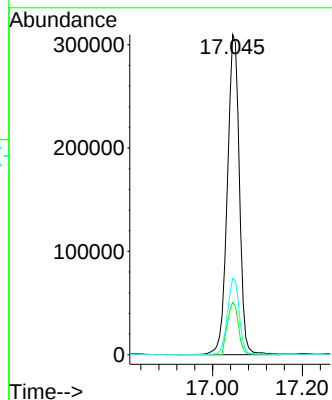
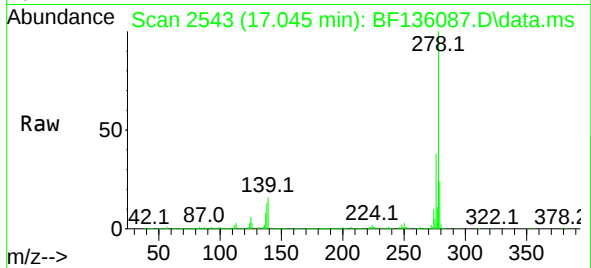
ClientSampleId :

PSC-124037MSD

Tgt Ion:278 Resp: 57940
Ion Ratio Lower Upper
278 100
139 16.4 13.7 20.5
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#92
Benzo(g,h,i)perylene
Concen: 32.375 ng
RT: 17.486 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF136087.D
Acq: 01 Nov 2023 20:35

Tgt Ion:276 Resp: 531076
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 21.4 17.4 26.2

