

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137734.D
 Acq On : 26 Apr 2024 14:25
 Operator : CG\JU
 Sample : PB160534BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160534BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 26 14:52:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	292935	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1175696	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	629297	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1100823	20.000	ng	0.00
76) Chrysene-d12	14.257	240	693809	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	530667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2285058	118.493	ng	0.02
7) Phenol-d6	6.681	99	2876698	117.470	ng	0.00
23) Nitrobenzene-d5	7.628	82	1795391	81.063	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	846938	133.374	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3376320	80.168	ng	0.00
79) Terphenyl-d14	13.192	244	3740137	86.767	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	300662	34.818	ng	98
3) Pyridine	3.822	79	705851	30.685	ng	99
4) n-Nitrosodimethylamine	3.793	42	431548	40.198	ng	92
6) Aniline	6.728	93	488021	16.011	ng	97
8) 2-Chlorophenol	6.845	128	919610	45.683	ng	97
10) Phenol	6.692	94	1054322	43.096	ng	96
11) bis(2-Chloroethyl)ether	6.792	93	840512	42.121	ng	96
12) 1,3-Dichlorobenzene	7.004	146	936571	44.365	ng	99
13) 1,4-Dichlorobenzene	7.081	146	953916	44.883	ng	99
14) 1,2-Dichlorobenzene	7.234	146	915756	46.289	ng	99
15) Benzyl Alcohol	7.198	79	772468	42.166	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1282636	41.796	ng	99
17) 2-Methylphenol	7.298	107	727139	40.656	ng	99
18) Hexachloroethane	7.581	117	339223	45.097	ng	95
19) n-Nitroso-di-n-propyla...	7.469	70	632009	39.911	ng	99
20) 3+4-Methylphenols	7.451	107	930136	40.266	ng	96
22) Acetophenone	7.469	105	1231471	42.825	ng	99
24) Nitrobenzene	7.645	77	930753	41.595	ng	97
25) Isophorone	7.881	82	1736672	42.220	ng	100
26) 2-Nitrophenol	7.957	139	483080	49.195	ng	94
27) 2,4-Dimethylphenol	7.986	122	730391	36.868	ng	98
28) bis(2-Chloroethoxy)met...	8.086	93	1053826	41.944	ng	99
29) 2,4-Dichlorophenol	8.198	162	768281	44.249	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	799967	45.203	ng	99
31) Naphthalene	8.369	128	2582315	43.042	ng	100
32) Benzoic acid	8.104	122	607772	48.451	ng	97
33) 4-Chloroaniline	8.410	127	368303	14.503	ng	99
34) Hexachlorobutadiene	8.481	225	471702	44.461	ng	98
35) Caprolactam	8.786	113	249438m	44.436	ng	
36) 4-Chloro-3-methylphenol	8.886	107	793352	43.082	ng	97
37) 2-Methylnaphthalene	9.063	142	1691716	41.083	ng	99
38) 1-Methylnaphthalene	9.163	142	1604064	41.664	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	780677	45.250	ng	99
41) Hexachlorocyclopentadiene	9.210	237	902913	93.404	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	551812	45.593	ng	98
44) 2,4,5-Trichlorophenol	9.386	196	581422	41.917	ng	99

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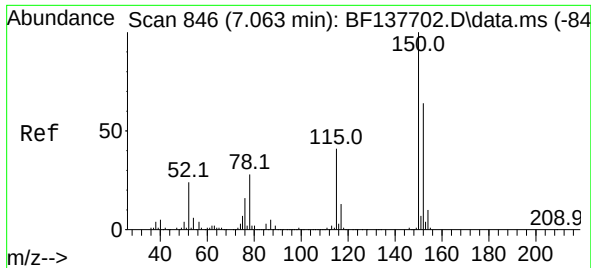
Manual Integrations
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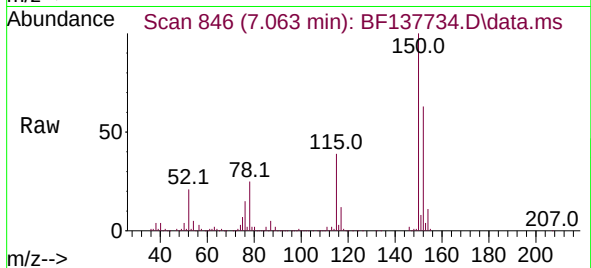
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.527	154	2035920	44.472	ng	99
47) 2-Chloronaphthalene	9.557	162	1625784	46.069	ng	99
48) 2-Nitroaniline	9.645	65	494309	45.967	ng	97
49) Acenaphthylene	9.975	152	2499916	45.425	ng	100
50) Dimethylphthalate	9.827	163	1898264	43.295	ng	100
51) 2,6-Dinitrotoluene	9.886	165	431642	46.725	ng	93
52) Acenaphthene	10.145	154	1720937	48.293	ng	100
53) 3-Nitroaniline	10.057	138	293487	28.270	ng	95
54) 2,4-Dinitrophenol	10.163	184	511537	102.529	ng	# 46
55) Dibenzofuran	10.322	168	2272296	43.501	ng	99
56) 4-Nitrophenol	10.210	139	735672	91.124	ng	98
57) 2,4-Dinitrotoluene	10.292	165	584721	50.207	ng	97
58) Fluorene	10.663	166	1789920	43.854	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	497892	46.357	ng	97
60) Diethylphthalate	10.527	149	1776060	42.116	ng	100
61) 4-Chlorophenyl-phenyle...	10.651	204	878366	43.554	ng	96
62) 4-Nitroaniline	10.680	138	434740	43.966	ng	100
63) Azobenzene	10.810	77	1803470	41.734	ng	98
65) 4,6-Dinitro-2-methylph...	10.704	198	328613	52.064	ng	# 75
66) n-Nitrosodiphenylamine	10.769	169	1575373	42.254	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	551350	43.224	ng	96
68) Hexachlorobenzene	11.210	284	579973	46.671	ng	97
69) Atrazine	11.292	200	391772	38.012	ng	98
70) Pentachlorophenol	11.404	266	761452	81.457	ng	99
71) Phenanthrene	11.633	178	2476785	42.504	ng	100
72) Anthracene	11.686	178	2504572	41.974	ng	99
73) Carbazole	11.833	167	2309444	42.706	ng	100
74) Di-n-butylphthalate	12.151	149	2714012	41.170	ng	100
75) Fluoranthene	12.821	202	2576770	42.069	ng	98
77) Benzidine	12.933	184	252336	15.571	ng	99
78) Pyrene	13.057	202	2607557	45.789	ng	100
80) Butylbenzylphthalate	13.663	149	965135	47.791	ng	92
81) Benzo(a)anthracene	14.245	228	2120355	43.816	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	465678	31.102	ng	# 96
83) Chrysene	14.286	228	1965435	43.468	ng	99
84) Bis(2-ethylhexyl)phtha...	14.215	149	1310663	42.975	ng	100
85) Di-n-octyl phthalate	14.845	149	1862584	40.657	ng	98
87) Indeno(1,2,3-cd)pyrene	17.474	276	1671450	56.805	ng	99
88) Benzo(b)fluoranthene	15.351	252	1627962	47.940	ng	100
89) Benzo(k)fluoranthene	15.386	252	1585492	47.498	ng	99
90) Benzo(a)pyrene	15.762	252	1387359	45.543	ng	98
91) Dibenzo(a,h)anthracene	17.492	278	1385106	56.725	ng	99
92) Benzo(g,h,i)perylene	17.974	276	1359259	57.247	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

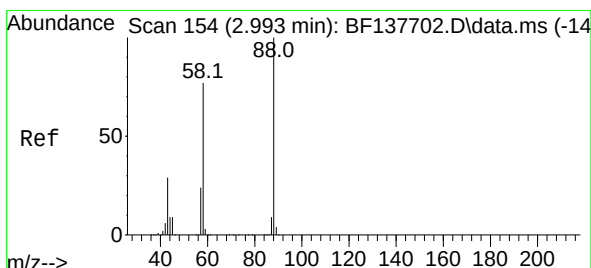
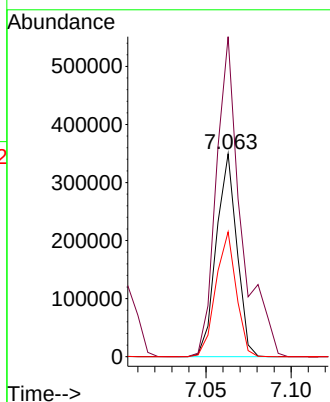
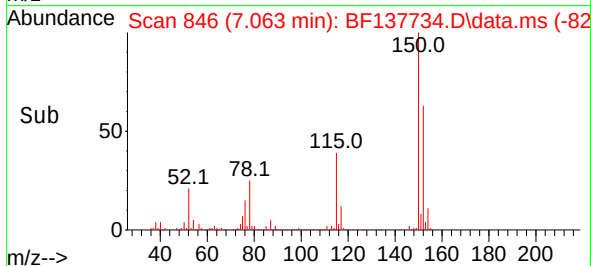
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:152 Resp: 29293
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.4
115 61.5 50.8 76.2

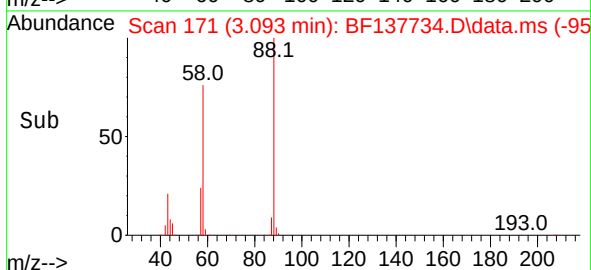
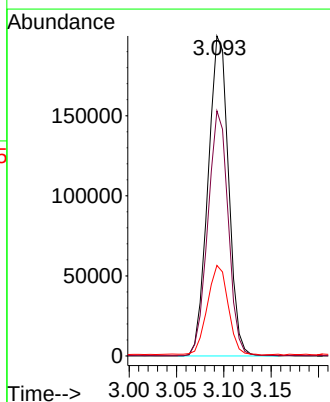
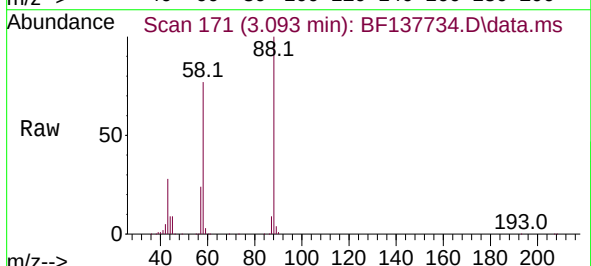
Manual Integrations
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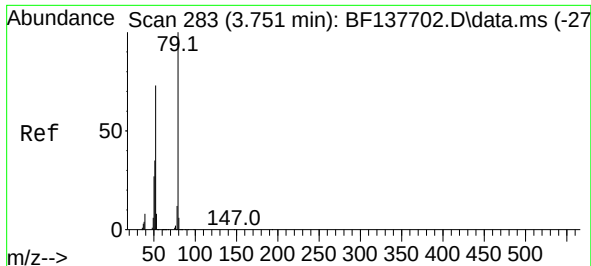
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#2
1,4-Dioxane
Concen: 34.818 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.100 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

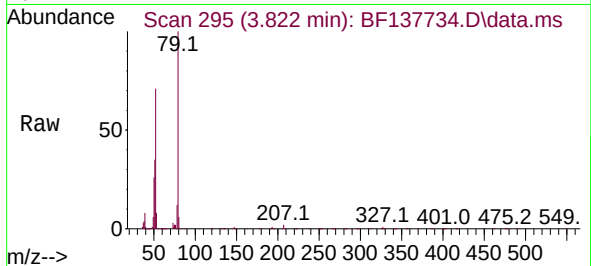
Tgt Ion: 88 Resp: 300662
Ion Ratio Lower Upper
88 100
58 75.6 62.4 93.6
43 28.7 23.7 35.5





#3
Pyridine
Concen: 30.685 ng
RT: 3.822 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

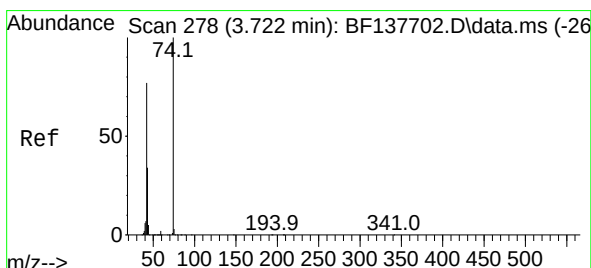
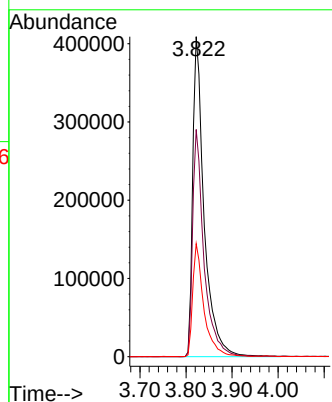
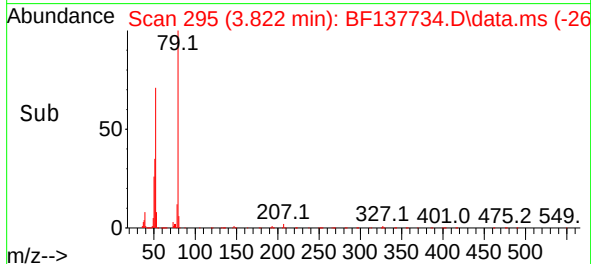
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BNA_F
ClientSampleId :
PB160534BSD



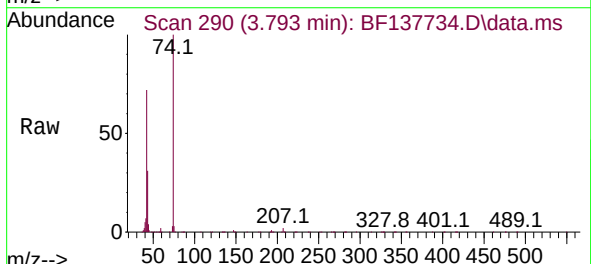
Tgt Ion: 79 Resp: 70585
Ion Ratio Lower Upper
79 100
52 71.0 58.0 87.0
51 35.3 27.9 41.9

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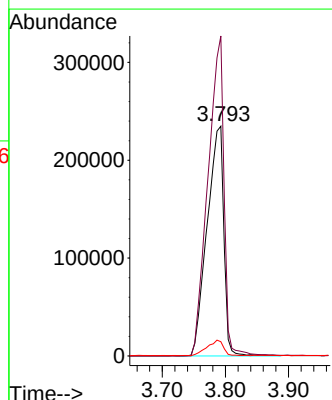
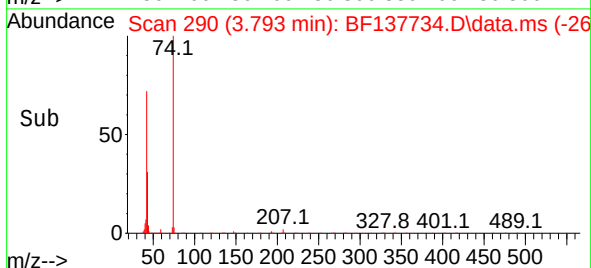
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

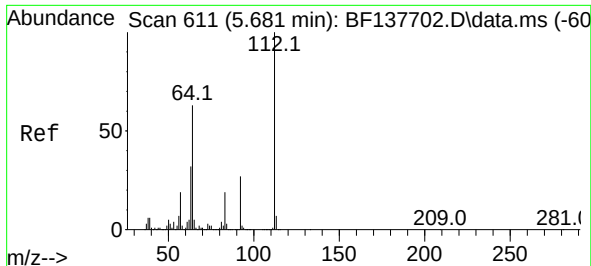


#4
n-Nitrosodimethylamine
Concen: 40.198 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.071 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



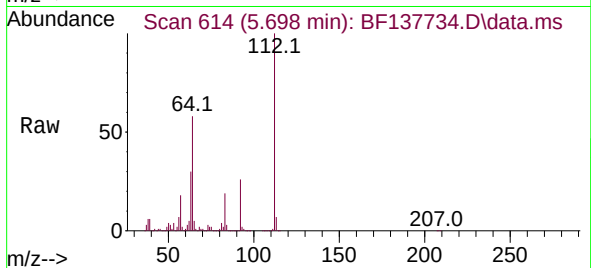
Tgt Ion: 42 Resp: 431548
Ion Ratio Lower Upper
42 100
74 139.3 103.4 155.2
44 6.2 5.5 8.3





#5
2-Fluorophenol
Concen: 118.493 ng
RT: 5.698 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

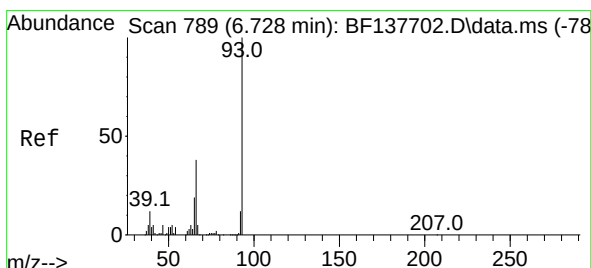
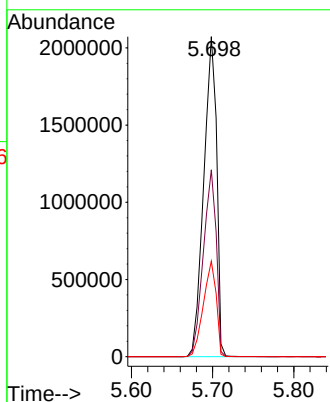
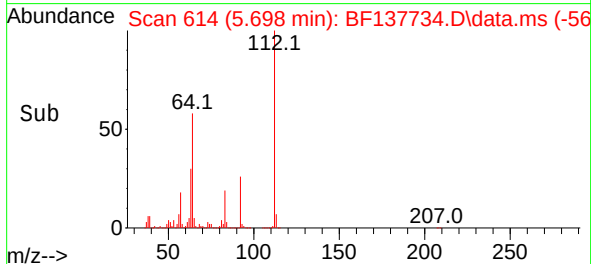
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:112 Resp: 2285058
Ion Ratio Lower Upper
112 100
64 58.4 50.1 75.1
63 29.9 25.2 37.8

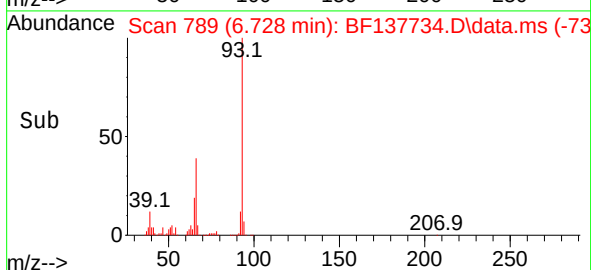
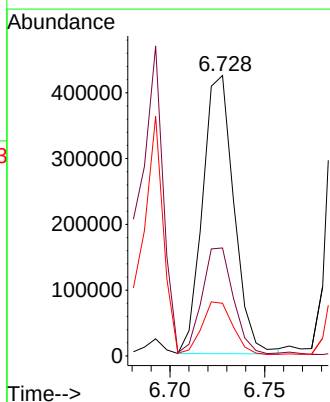
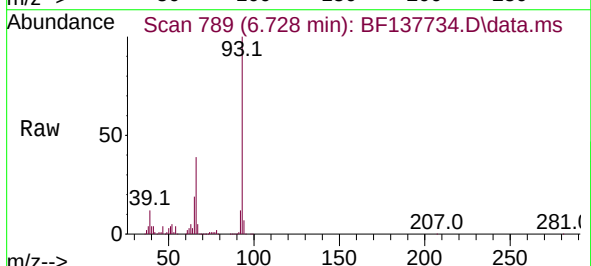
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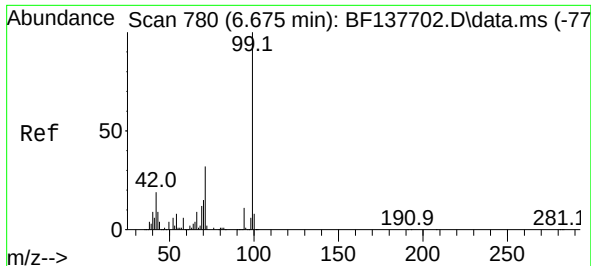
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#6
Aniline
Concen: 16.011 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion: 93 Resp: 488021
Ion Ratio Lower Upper
93 100
66 38.5 32.1 48.1
65 18.8 16.4 24.6





#7

Phenol-d6

Concen: 117.470 ng

RT: 6.681 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF137734.D

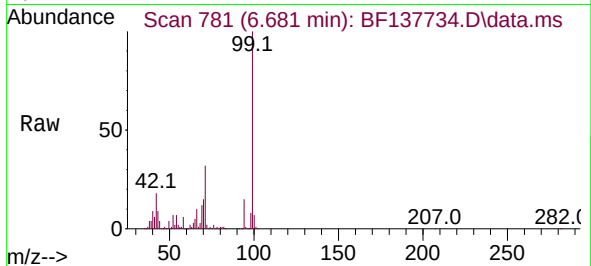
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD



Tgt Ion: 99 Resp: 287669

Ion Ratio Lower Upper

99 100

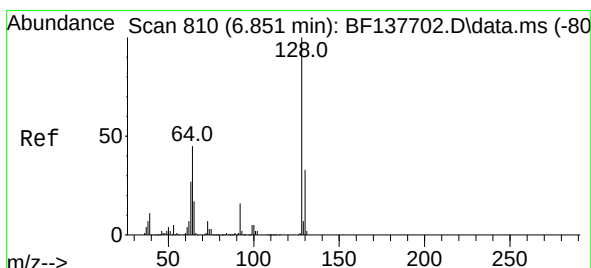
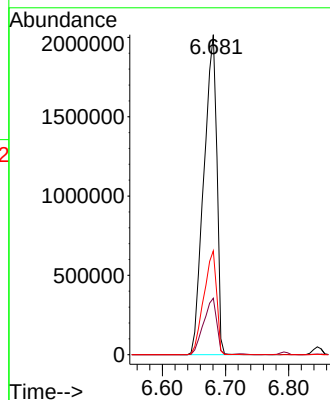
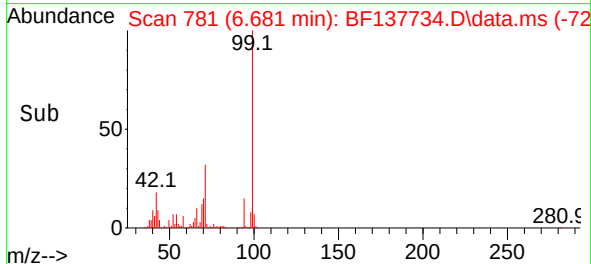
42 17.7 15.0 22.4

71 32.4 25.7 38.5

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#8

2-Chlorophenol

Concen: 45.683 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

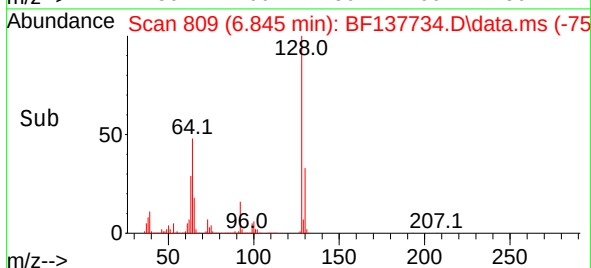
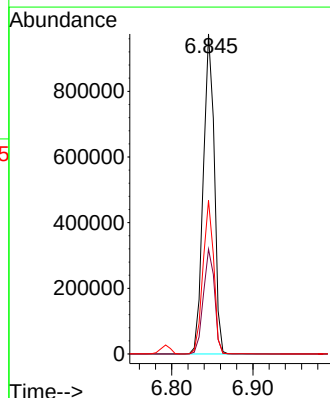
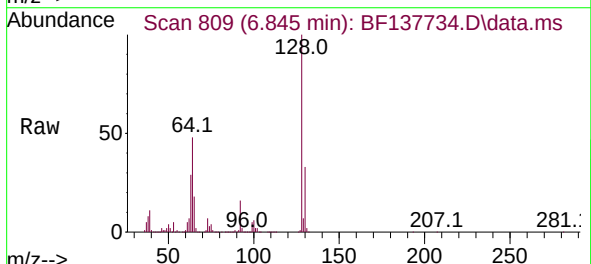
Tgt Ion:128 Resp: 919610

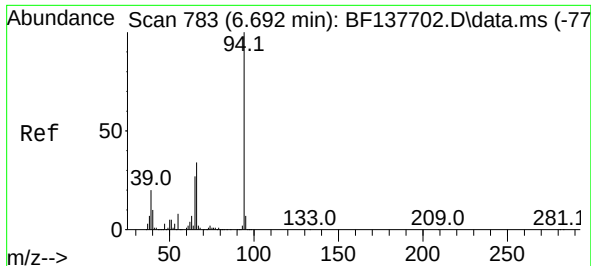
Ion Ratio Lower Upper

128 100

130 32.7 13.2 53.2

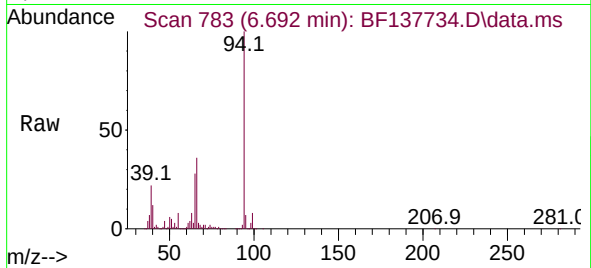
64 47.9 24.7 64.7





#10
Phenol
Concen: 43.096 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

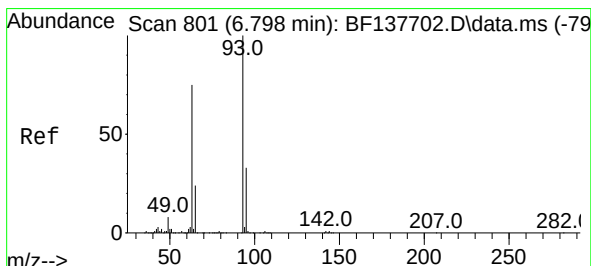
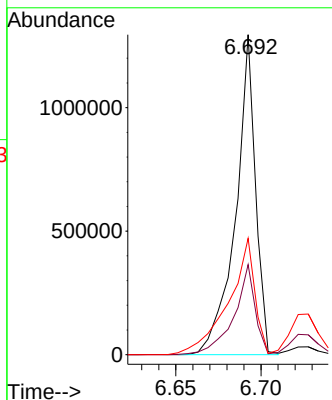
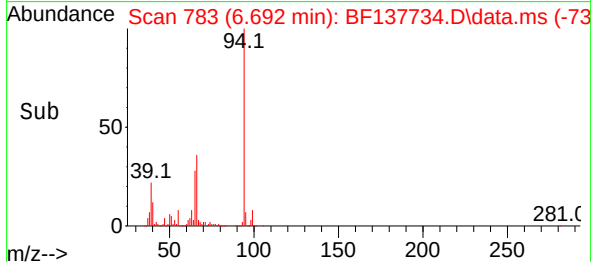
Instrument :
BNA_F
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PB160534BSD



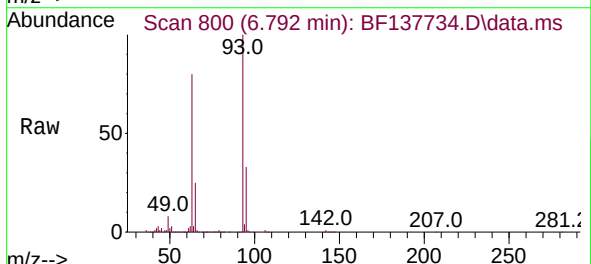
Tgt Ion: 94 Resp: 105432
Ion Ratio Lower Upper
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65 28.1 6.5 46.5
66 36.4 13.9 53.9

Manual Integrations
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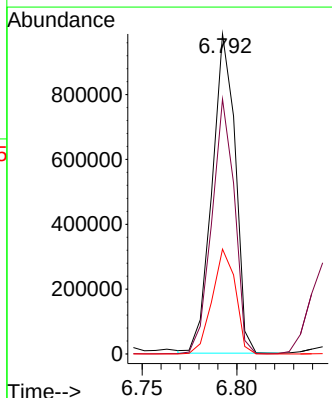
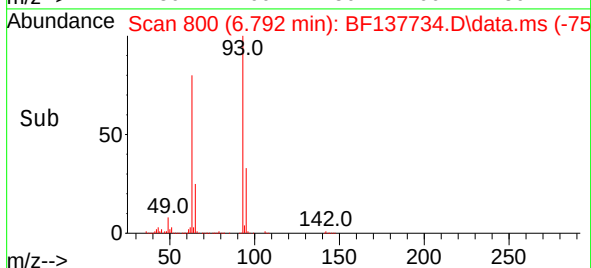
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

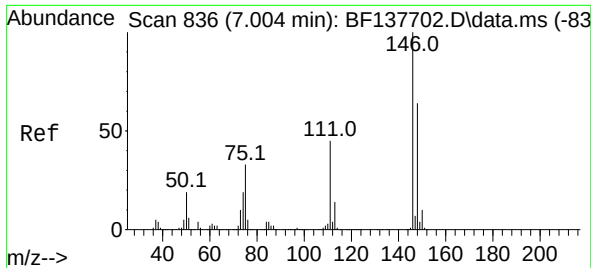


#11
bis(2-Chloroethyl)ether
Concen: 42.121 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion: 93 Resp: 840512
Ion Ratio Lower Upper
93 100
63 79.6 54.8 94.8
95 32.7 13.2 53.2





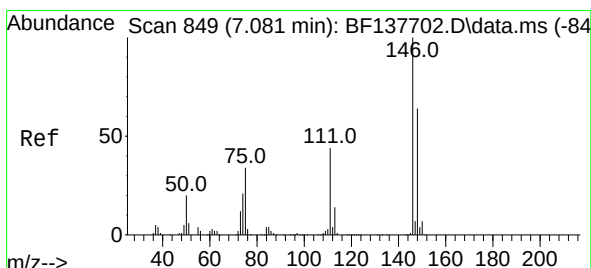
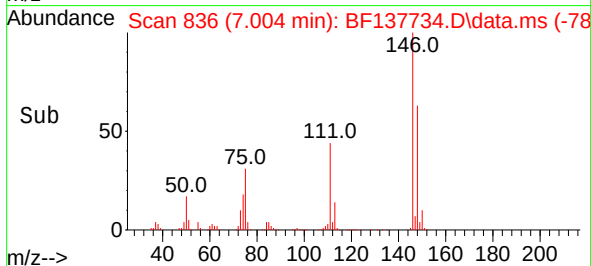
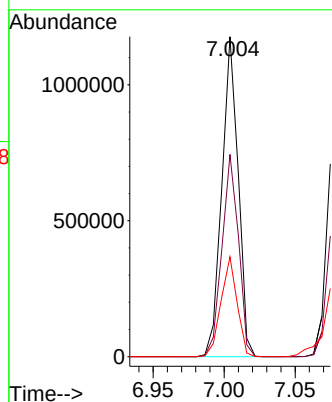
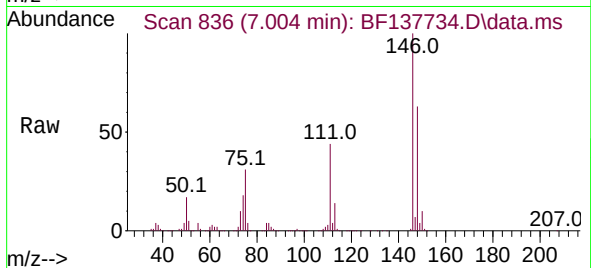
#12
1,3-Dichlorobenzene
Concen: 44.365 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :
BNA_F
ClientSampleId :
PB160534BSD

Tgt Ion:146 Resp: 93657
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
75 31.2 26.4 39.6

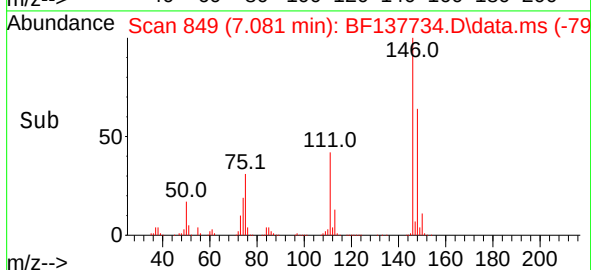
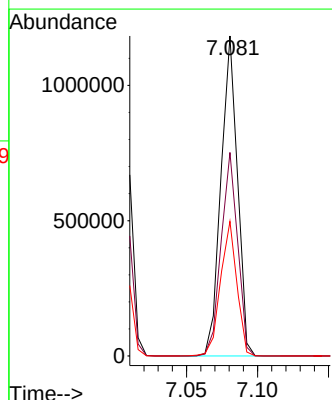
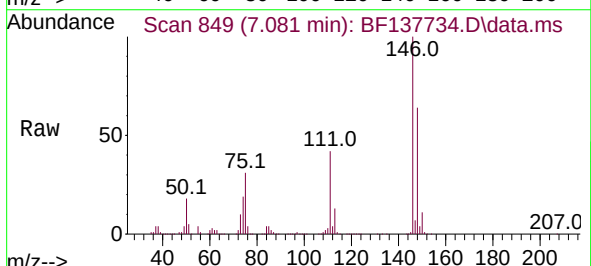
Manual Integrations
APPROVED

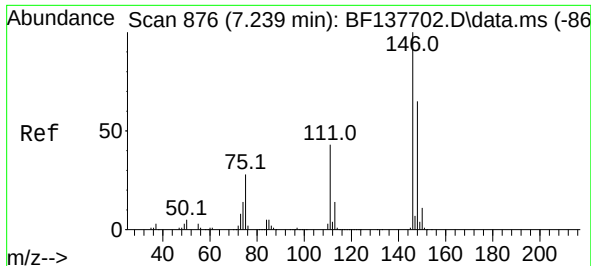
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#13
1,4-Dichlorobenzene
Concen: 44.883 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:146 Resp: 953916
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 42.0 35.0 52.6





#14

1,2-Dichlorobenzene

Concen: 46.289 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

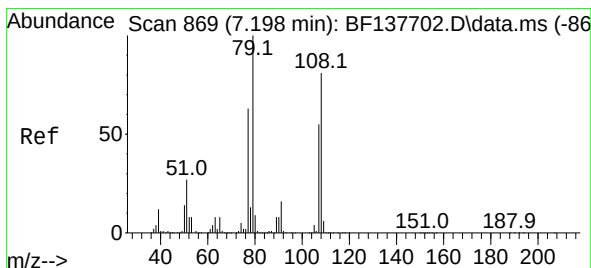
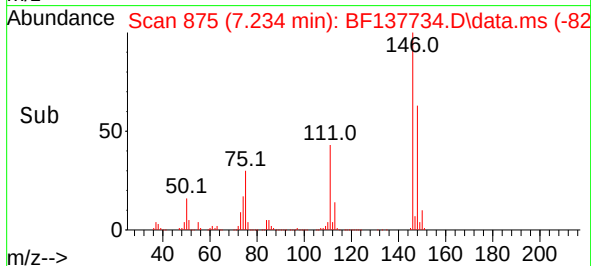
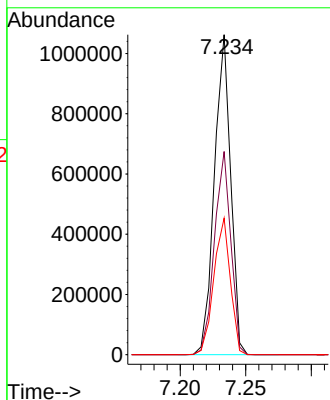
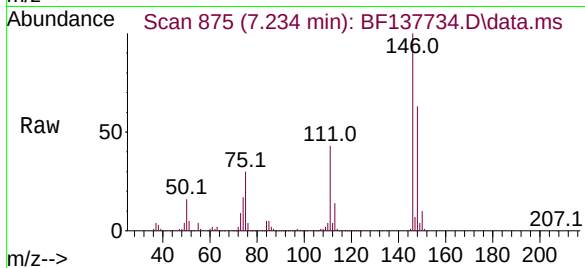
PB160534BSD

Tgt Ion:146 Resp: 915750
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.1 78.1
 111 42.7 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#15

Benzyl Alcohol

Concen: 42.166 ng

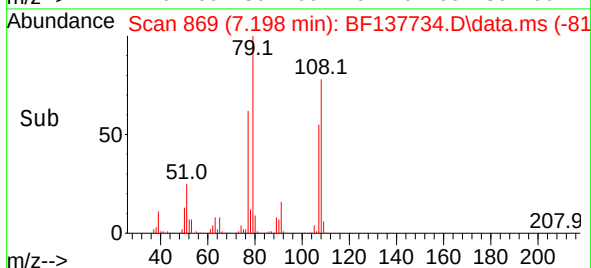
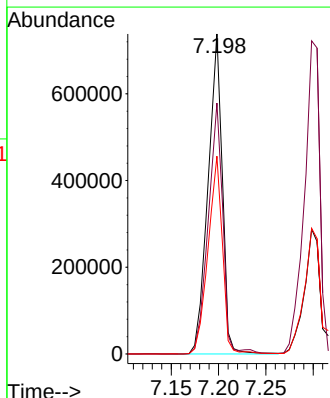
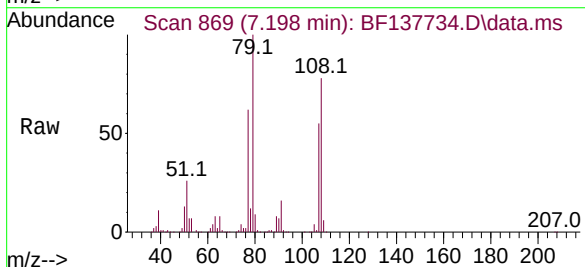
RT: 7.198 min Scan# 869

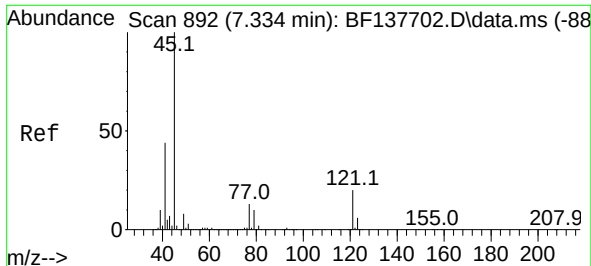
Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion: 79 Resp: 772468
 Ion Ratio Lower Upper
 79 100
 108 78.4 64.8 97.2
 77 61.8 50.3 75.5





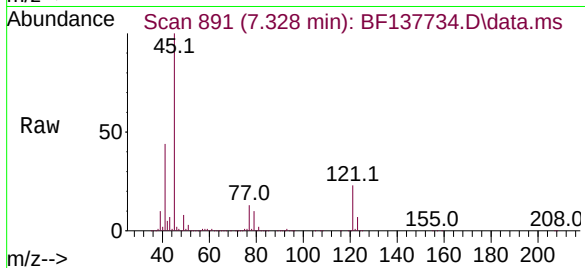
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.796 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

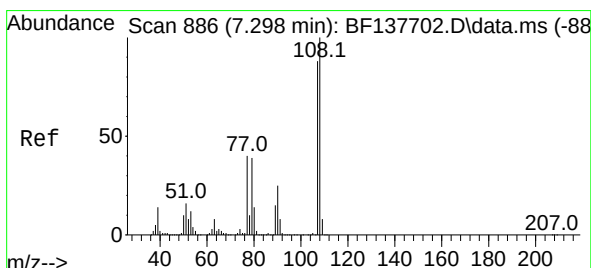
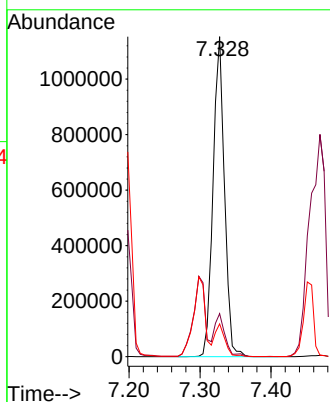
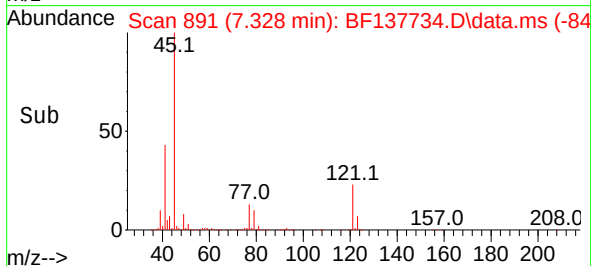


Tgt Ion: 45 Resp: 1282630
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.8
79 10.2 0.0 30.1

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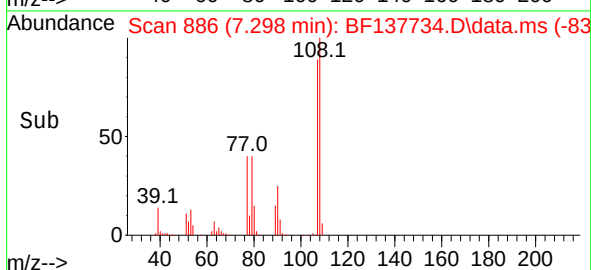
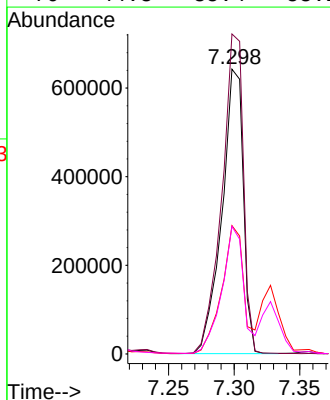
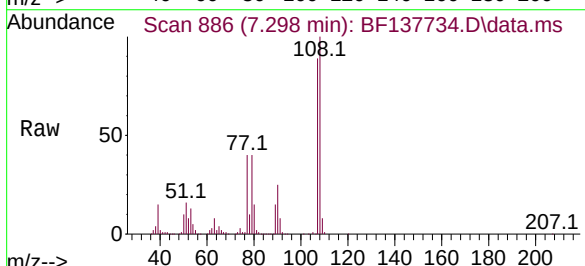
APPROVED

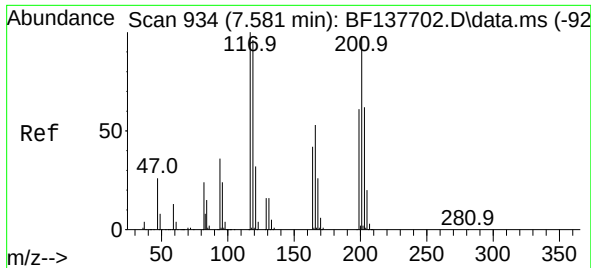
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#17
2-Methylphenol
Concen: 40.656 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

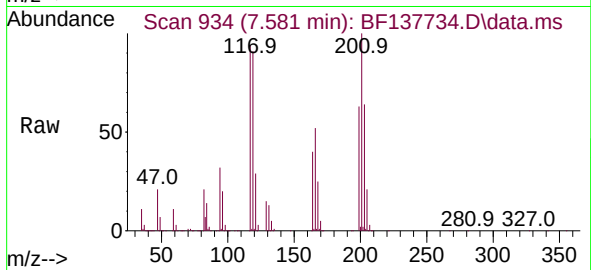
Tgt Ion:107 Resp: 727139
Ion Ratio Lower Upper
107 100
108 112.3 90.6 135.8
77 45.0 35.8 53.8
79 44.8 35.4 53.2





#18
Hexachloroethane
Concen: 45.097 ng
RT: 7.581 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

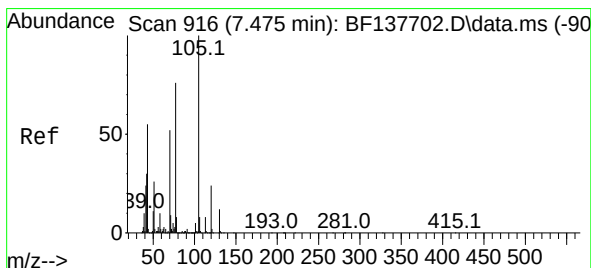
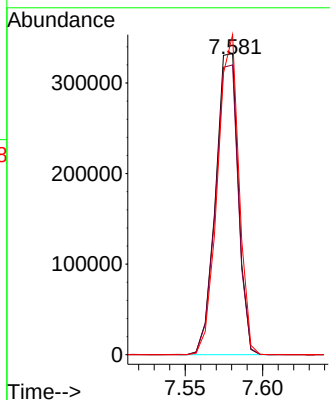
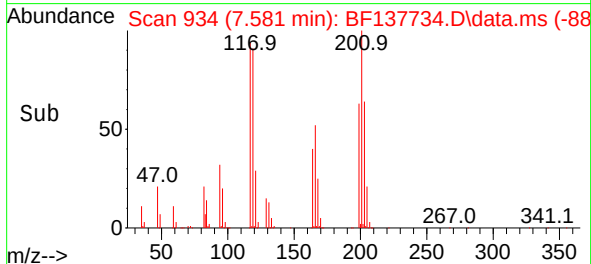
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



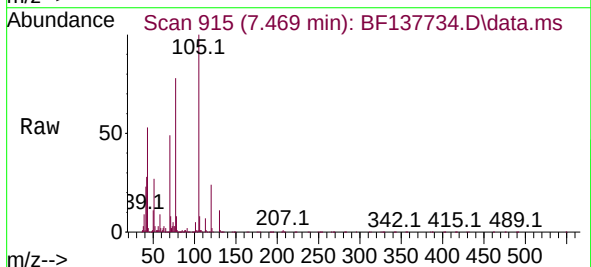
Tgt Ion:117 Resp: 339223
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 106.3 78.1 117.1

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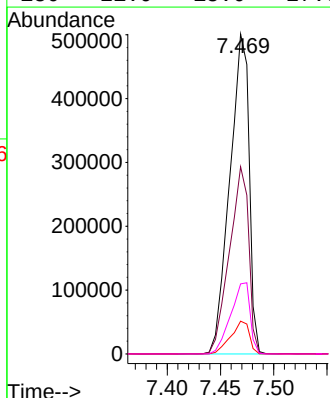
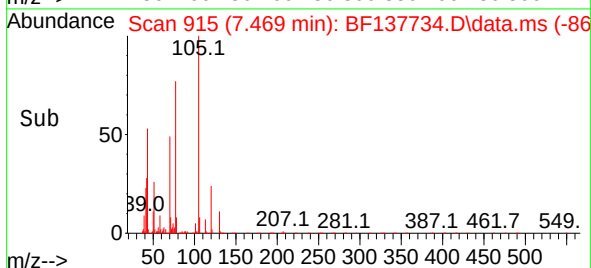
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

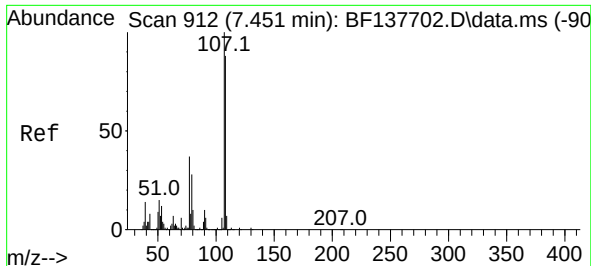


#19
n-Nitroso-di-n-propylamine
Concen: 39.911 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion: 70 Resp: 632009
Ion Ratio Lower Upper
70 100
42 58.5 45.9 68.9
101 10.3 8.0 12.0
130 21.9 18.0 27.0





#20

3+4-Methylphenols

Concen: 40.266 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF137734.D

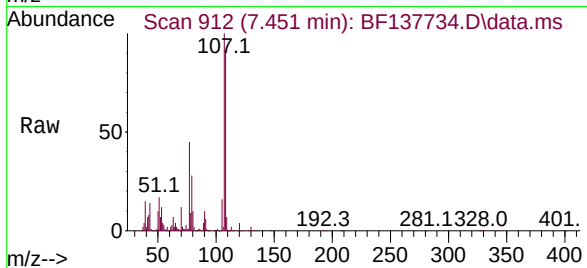
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

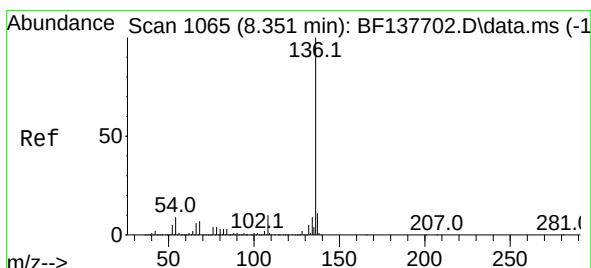
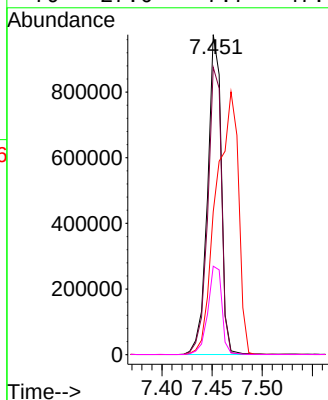
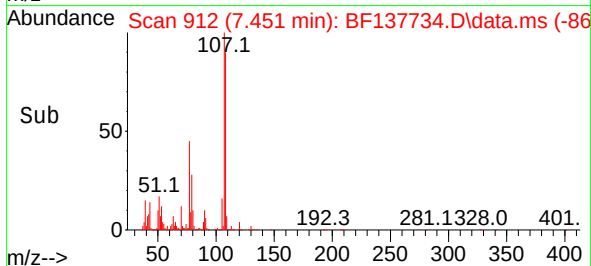


Tgt Ion:	107	Resp:	930130
Ion Ratio	Lower	Upper	
107	100		
108	89.8	68.2	108.2
77	44.7	16.8	56.8
79	27.6	7.7	47.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#21

Naphthalene-d8

Concen: 20.000 ng

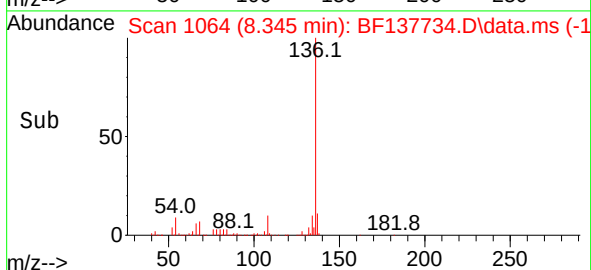
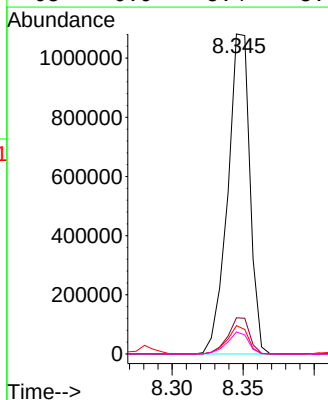
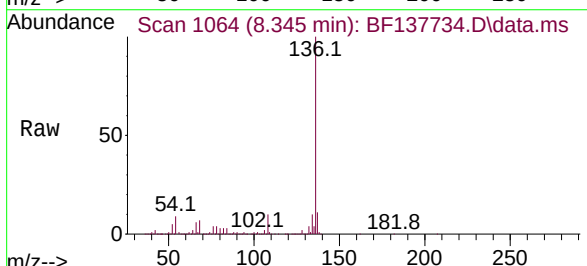
RT: 8.345 min Scan# 1064

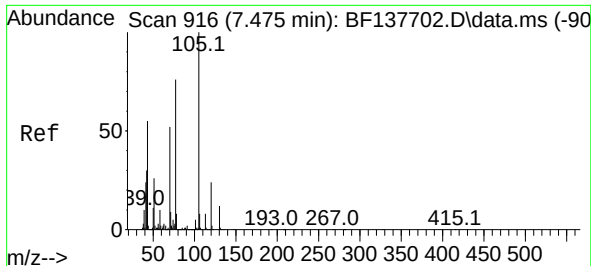
Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

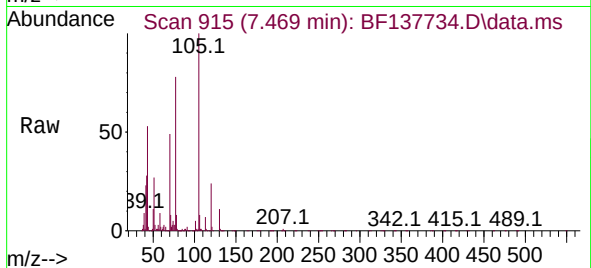
Tgt Ion:	136	Resp:	1175696
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	8.9	6.9	10.3
68	6.9	5.4	8.0





#22
Acetophenone
Concen: 42.825 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

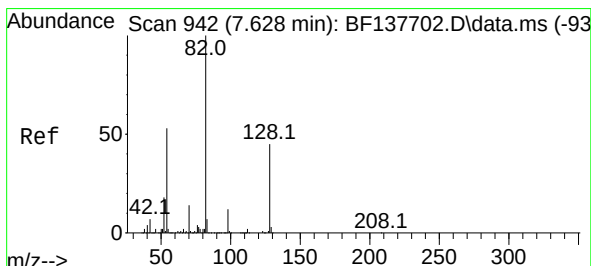
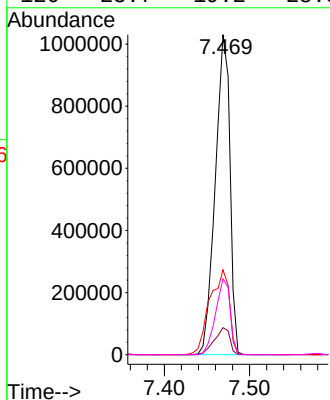
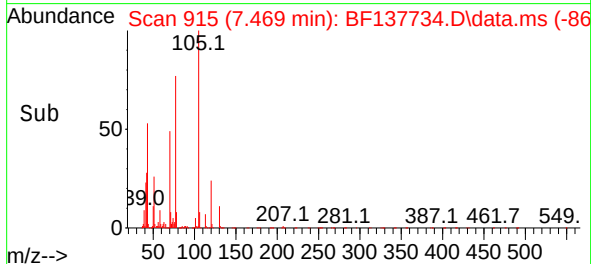
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:105 Resp: 123147
Ion Ratio Lower Upper
105 100
71 8.4 7.0 10.6
51 26.5 20.5 30.7
120 23.7 19.2 28.8

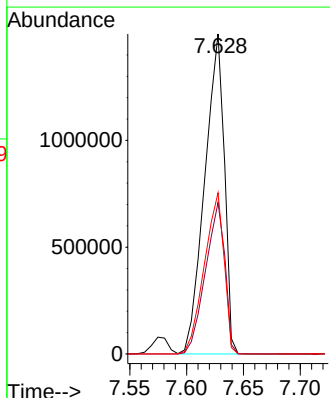
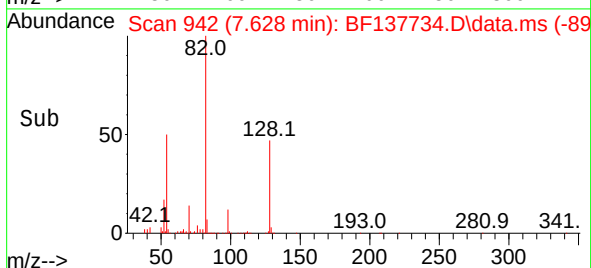
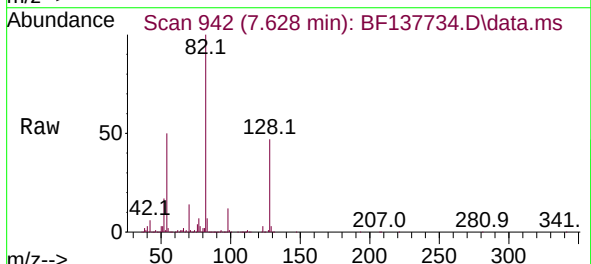
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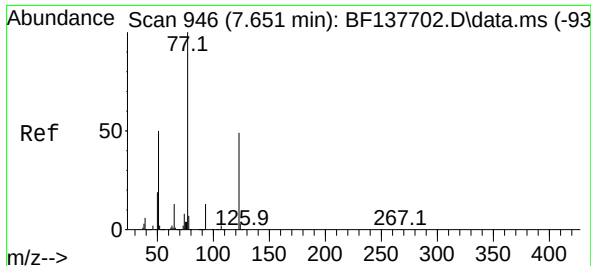
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#23
Nitrobenzene-d5
Concen: 81.063 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

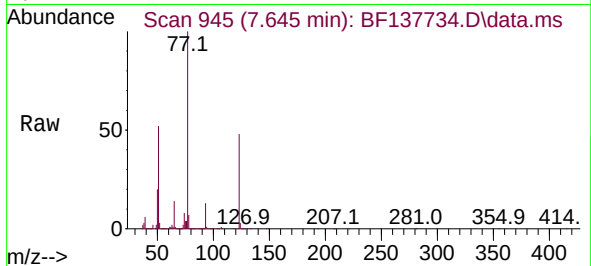
Tgt Ion: 82 Resp: 1795391
Ion Ratio Lower Upper
82 100
128 47.4 35.8 53.6
54 50.3 42.5 63.7





#24
Nitrobenzene
Concen: 41.595 ng
RT: 7.645 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

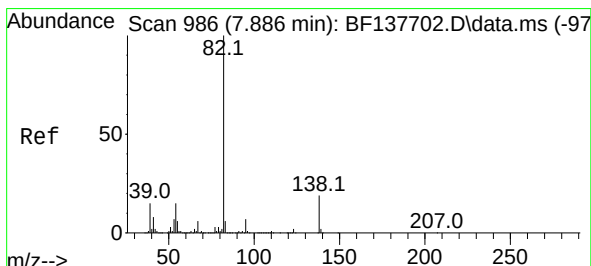
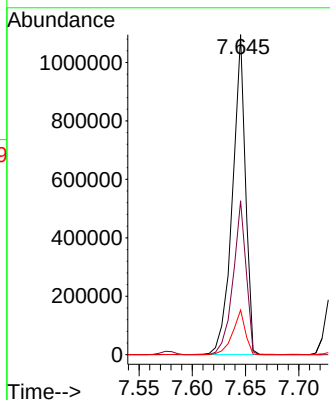
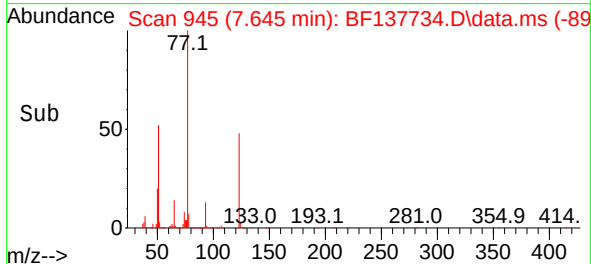
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion: 77 Resp: 930753
Ion Ratio Lower Upper
77 100
123 48.1 40.4 60.6
65 14.0 10.7 16.1

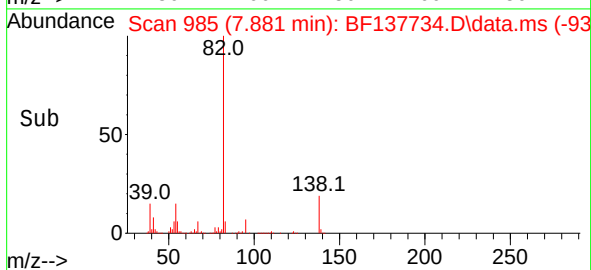
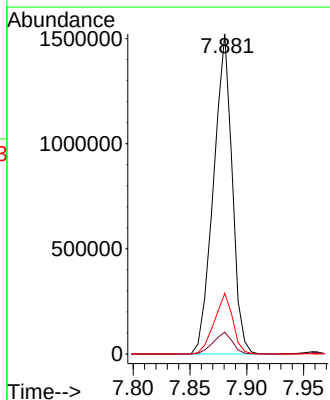
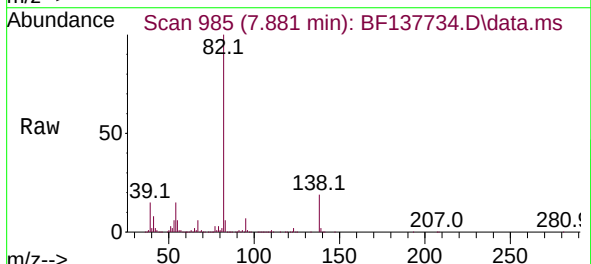
Manual Integrations
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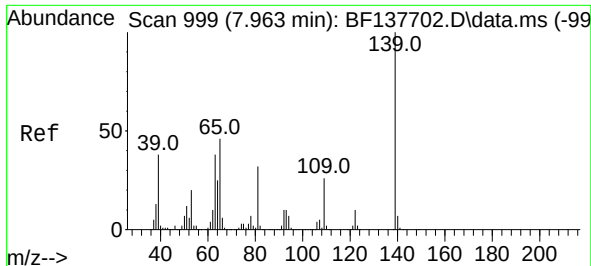
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#25
Isophorone
Concen: 42.220 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion: 82 Resp: 1736672
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.9 15.3 22.9





#26

2-Nitrophenol

Concen: 49.195 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

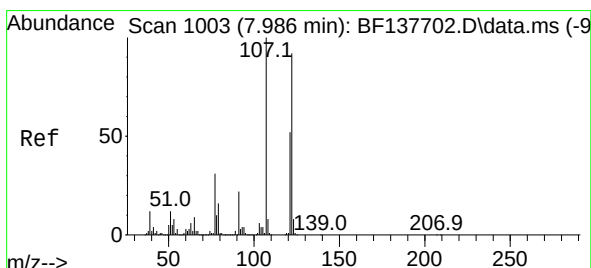
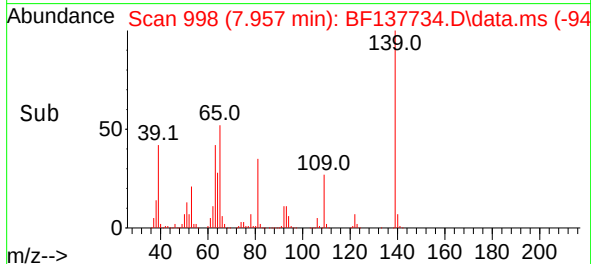
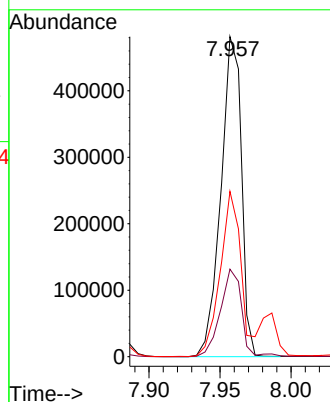
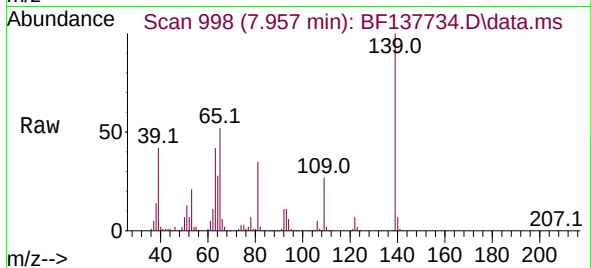
PB160534BSD

Tgt Ion:139 Resp: 483080
 Ion Ratio Lower Upper
 139 100
 109 27.3 21.1 31.7
 65 51.7 37.1 55.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#27

2,4-Dimethylphenol

Concen: 36.868 ng

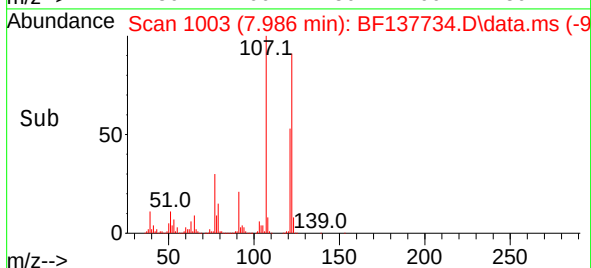
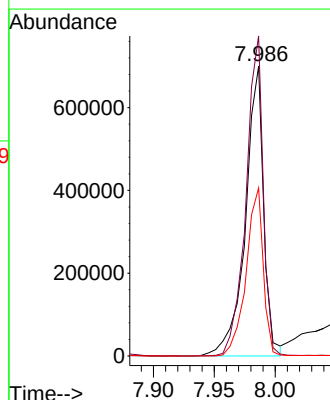
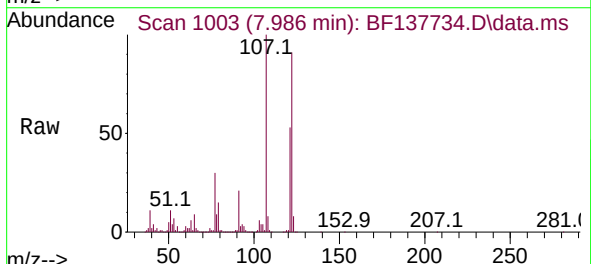
RT: 7.986 min Scan# 1003

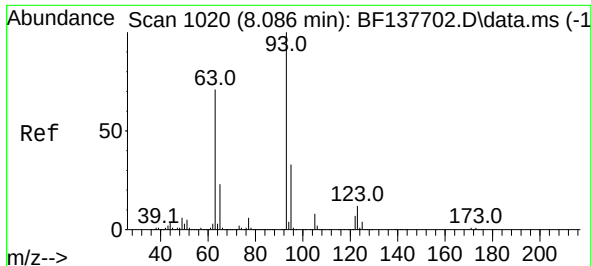
Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion:122 Resp: 730391
 Ion Ratio Lower Upper
 122 100
 107 110.5 87.2 130.8
 121 58.0 45.2 67.8





#28

bis(2-Chloroethoxy)methane

Concen: 41.944 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF137734.D

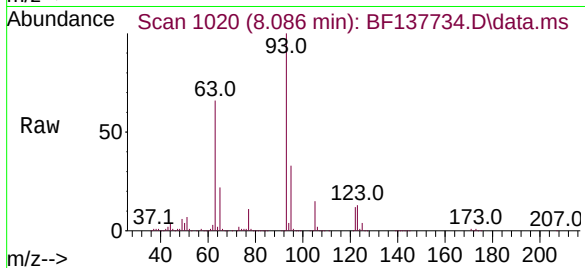
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD



Tgt Ion: 93 Resp: 1053820

Ion Ratio Lower Upper

93 100

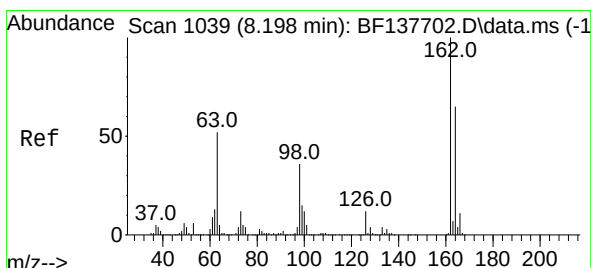
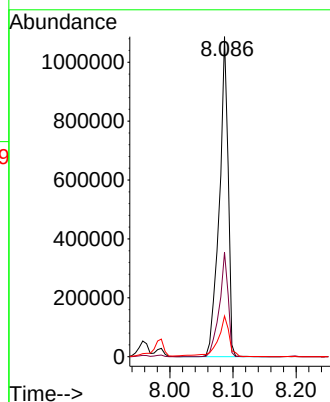
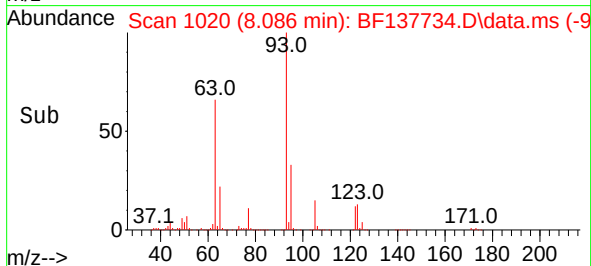
95 32.6 26.5 39.7

123 12.7 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#29

2,4-Dichlorophenol

Concen: 44.249 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

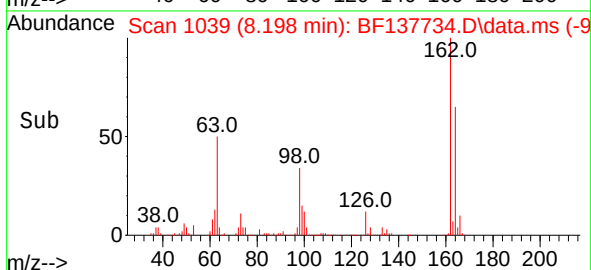
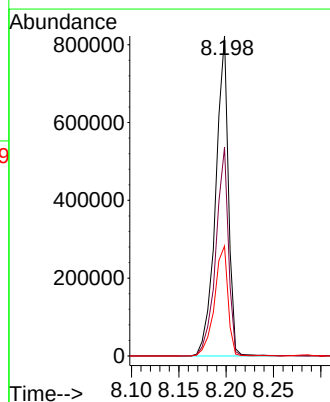
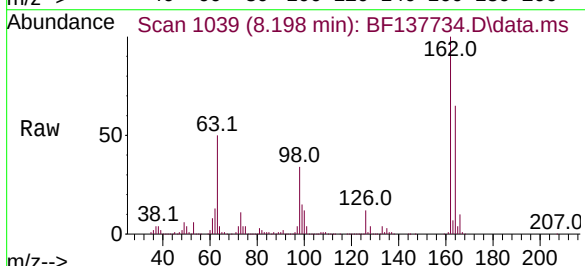
Tgt Ion:162 Resp: 768281

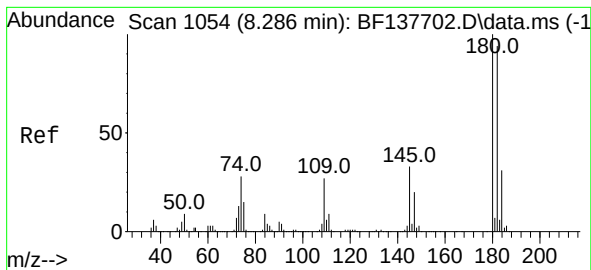
Ion Ratio Lower Upper

162 100

164 65.2 45.2 85.2

98 34.4 15.7 55.7





#30
1,2,4-Trichlorobenzene
Concen: 45.203 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

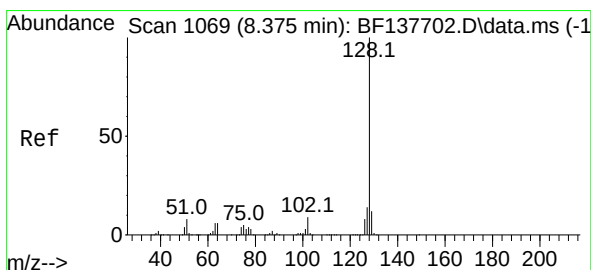
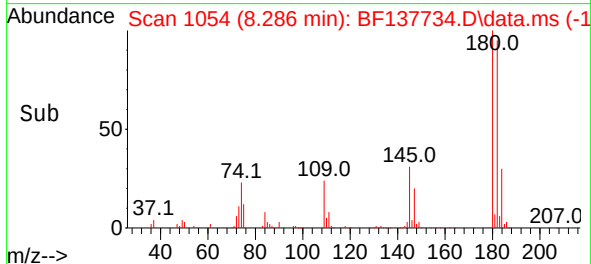
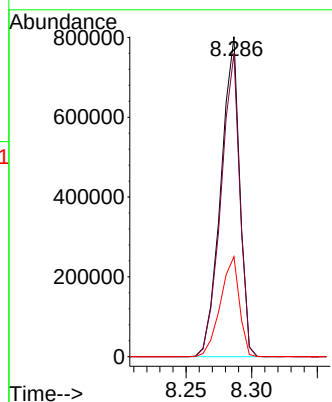
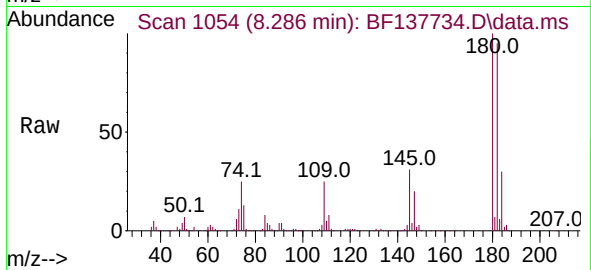
PB160534BSD

Tgt Ion:180 Resp: 79996
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.2
145 31.2 26.3 39.5

Manual Integrations

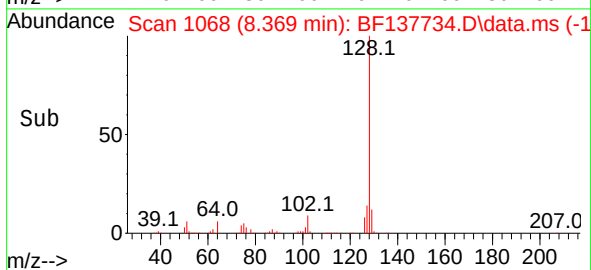
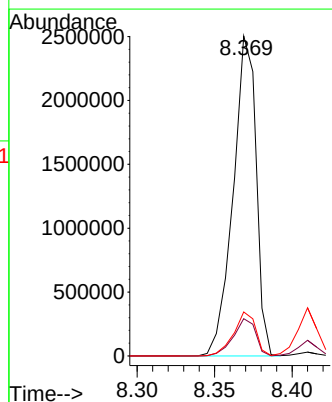
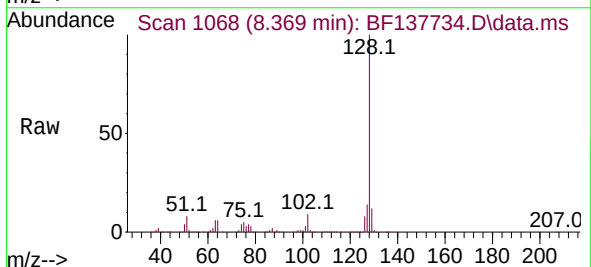
APPROVED

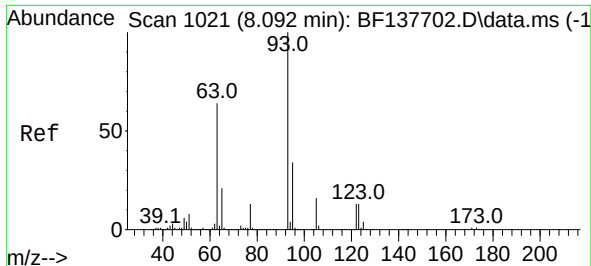
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#31
Naphthalene
Concen: 43.042 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:128 Resp: 2582315
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 11.0 16.6





#32

Benzoic acid

Concen: 48.451 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.012 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

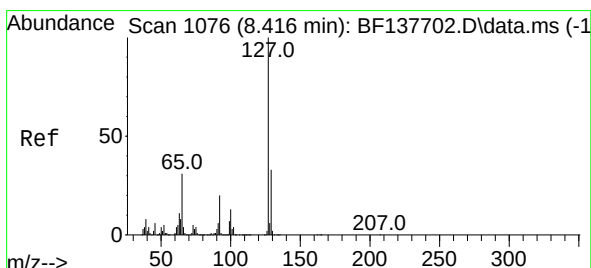
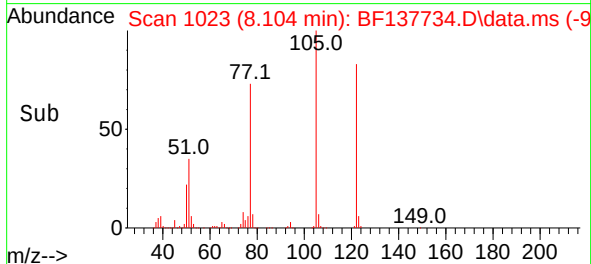
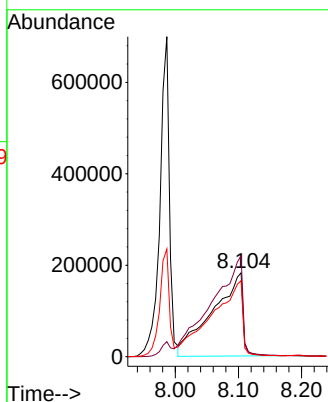
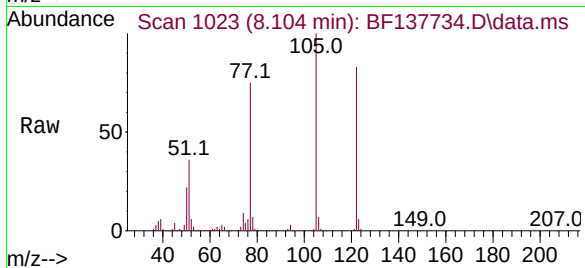
PB160534BSD

Tgt Ion:122 Resp: 607772
 Ion Ratio Lower Upper
 122 100
 105 120.5 101.1 141.1
 77 90.7 75.7 115.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#33

4-Chloroaniline

Concen: 14.503 ng

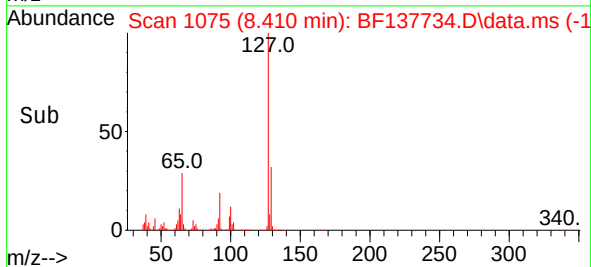
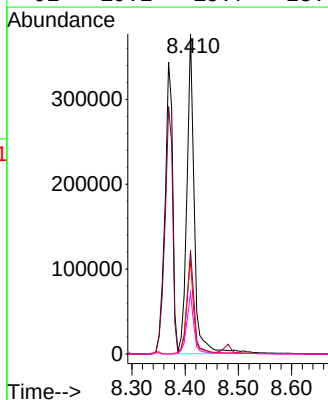
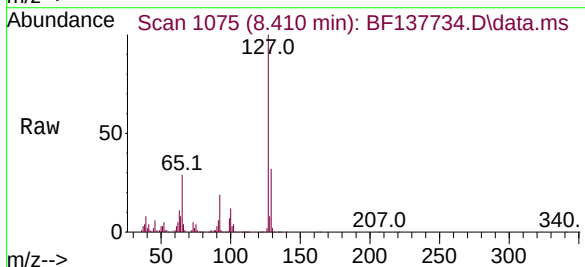
RT: 8.410 min Scan# 1075

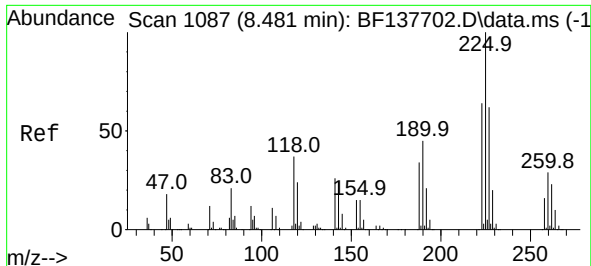
Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion:127 Resp: 368303
 Ion Ratio Lower Upper
 127 100
 129 32.4 26.4 39.6
 65 29.4 24.6 36.8
 92 19.2 15.7 23.5





#34

Hexachlorobutadiene

Concen: 44.461 ng

RT: 8.481 min Scan# 1087

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

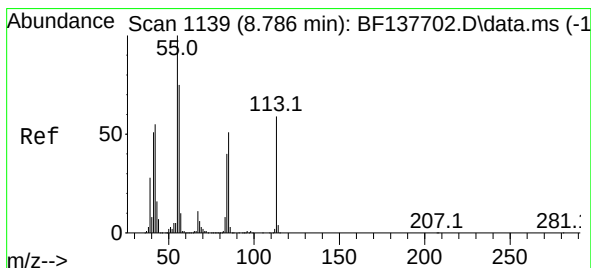
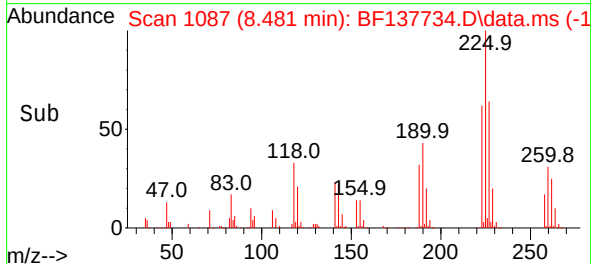
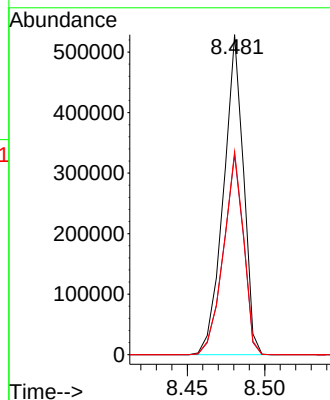
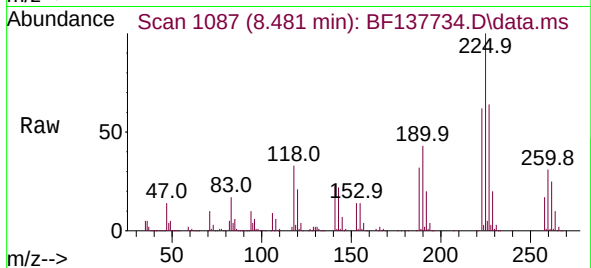
PB160534BSD

Tgt Ion:225 Resp: 471702
 Ion Ratio Lower Upper
 225 100
 223 62.5 51.4 77.0
 227 63.5 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#35

Caprolactam

Concen: 44.436 ng m

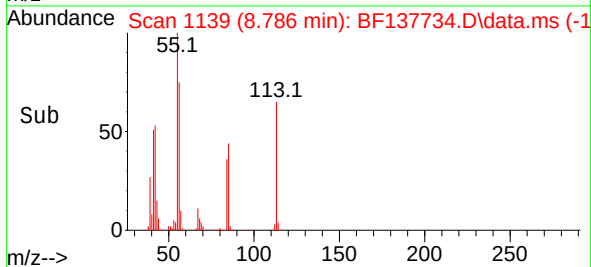
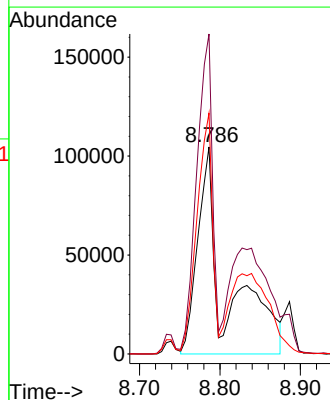
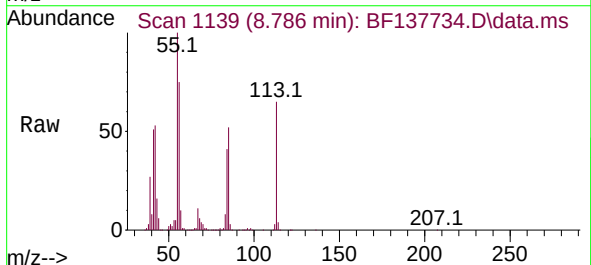
RT: 8.786 min Scan# 1139

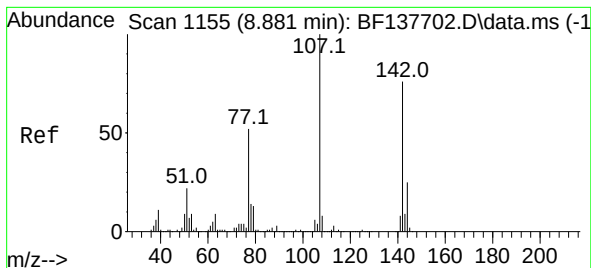
Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion:113 Resp: 249438
 Ion Ratio Lower Upper
 113 100
 55 154.6 148.7 188.7
 56 116.3 107.2 147.2





#36
4-Chloro-3-methylphenol
Concen: 43.082 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

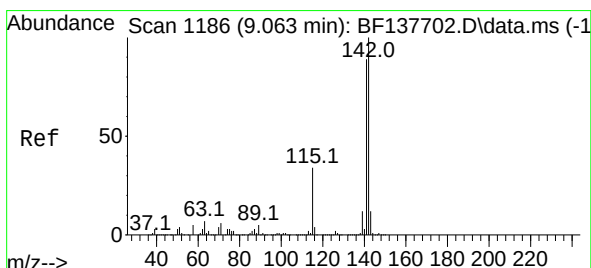
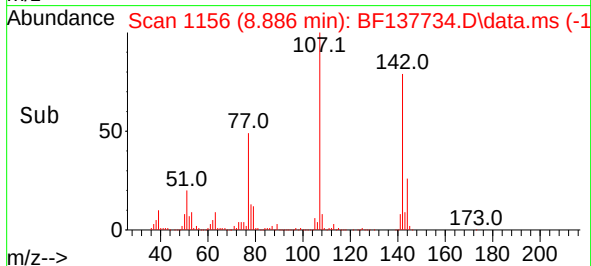
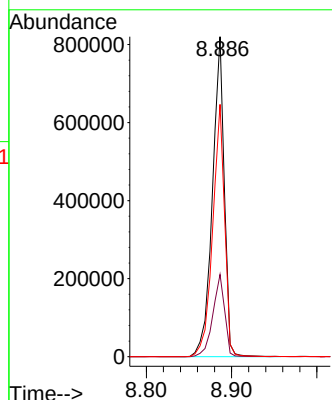
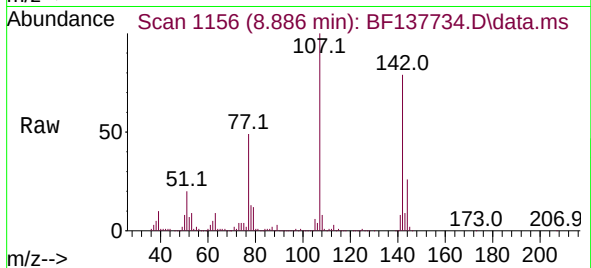
PB160534BSD

Tgt Ion:107 Resp: 793352
Ion Ratio Lower Upper
107 100
144 25.7 19.8 29.8
142 78.8 60.5 90.7

Manual Integrations

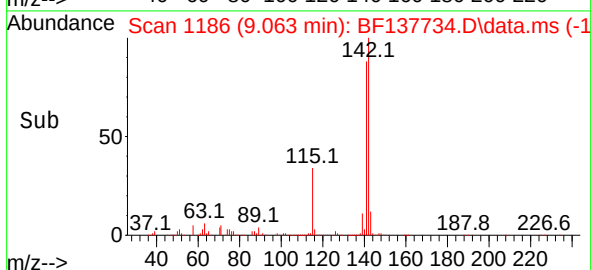
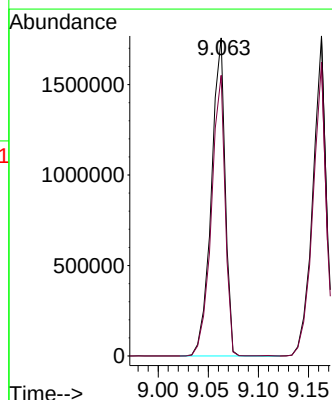
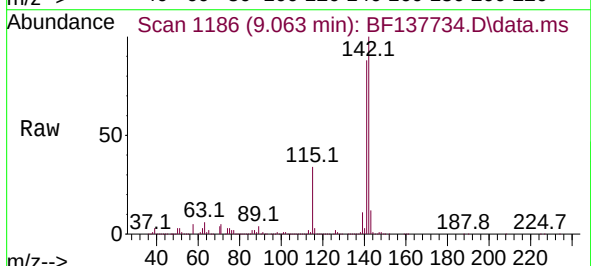
APPROVED

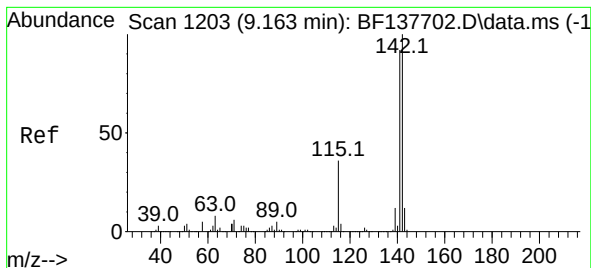
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#37
2-Methylnaphthalene
Concen: 41.083 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:142 Resp: 1691716
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8





#38

1-Methylnaphthalene

Concen: 41.664 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

Tgt Ion:142 Resp: 160406

Ion Ratio Lower Upper

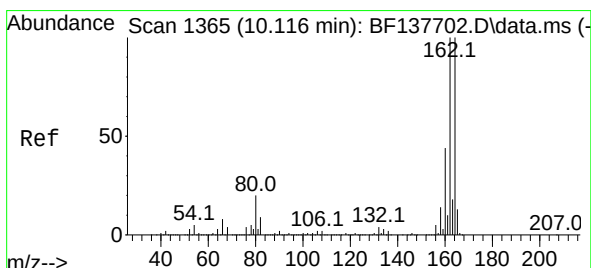
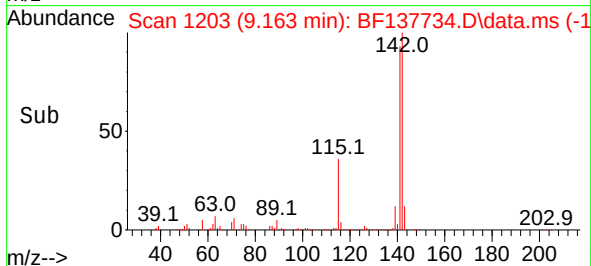
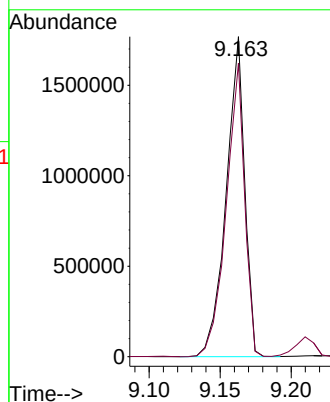
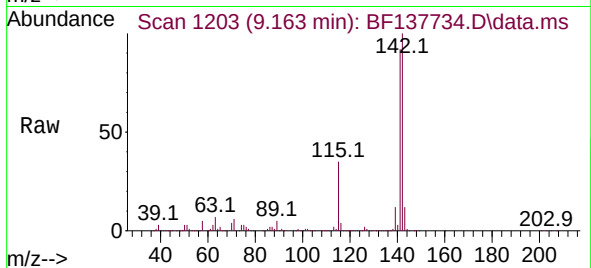
142 100

141 91.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

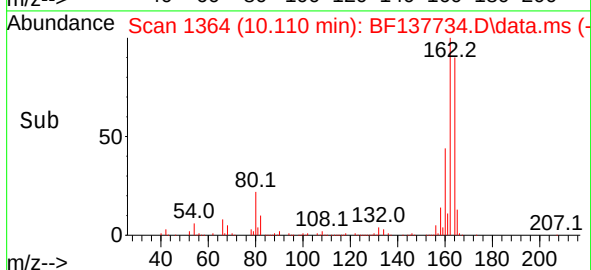
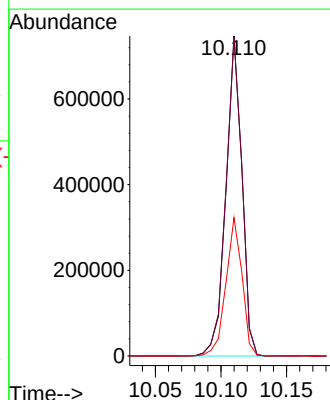
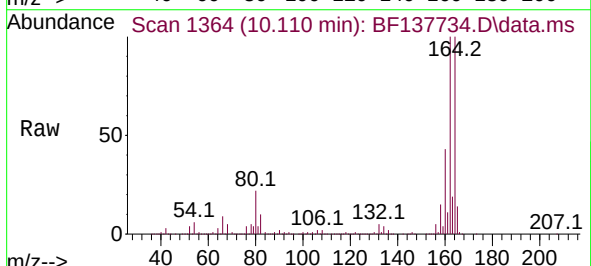
Tgt Ion:164 Resp: 629297

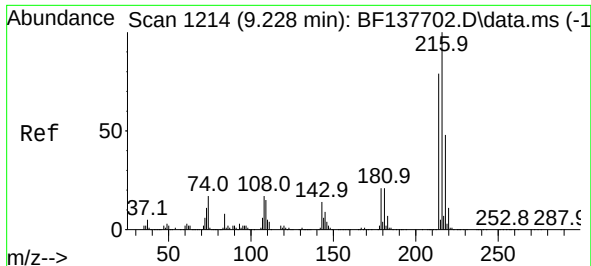
Ion Ratio Lower Upper

164 100

162 99.7 80.3 120.5

160 43.2 35.0 52.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.250 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

Tgt Ion:216 Resp: 78067

Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.0

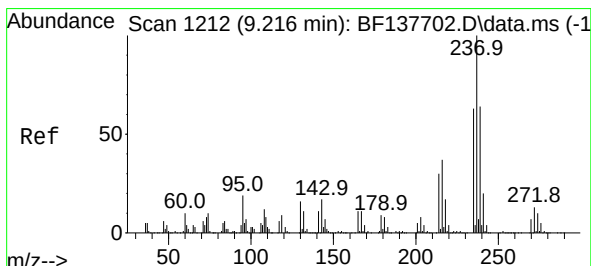
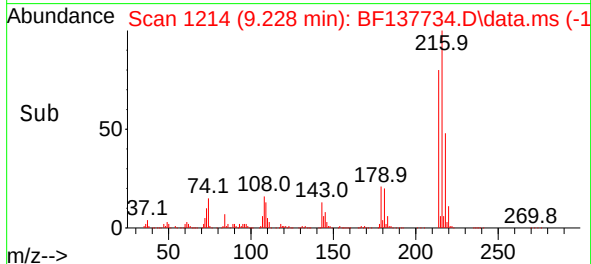
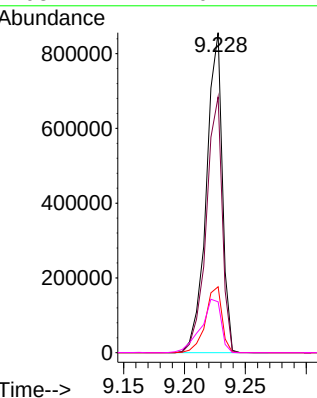
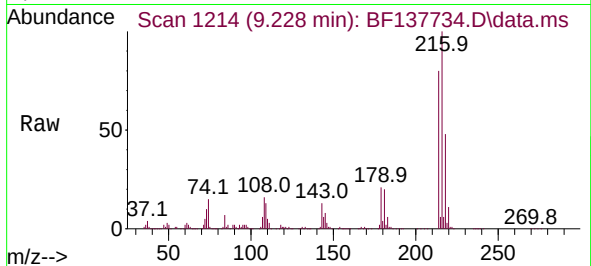
179 21.2 17.1 25.7

108 21.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#41

Hexachlorocyclopentadiene

Concen: 93.404 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

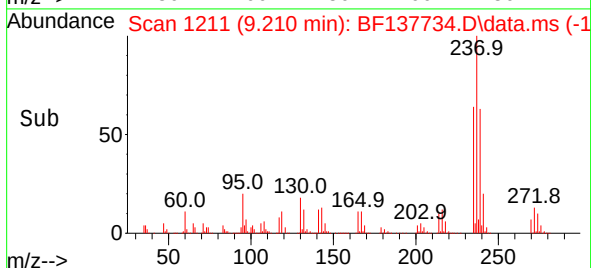
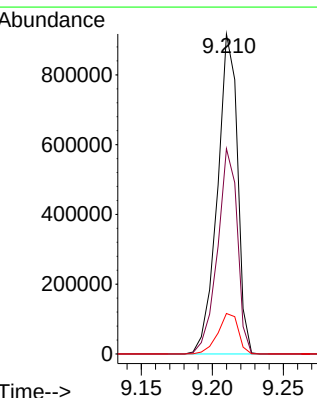
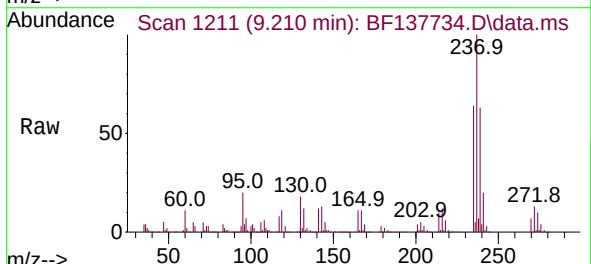
Tgt Ion:237 Resp: 902913

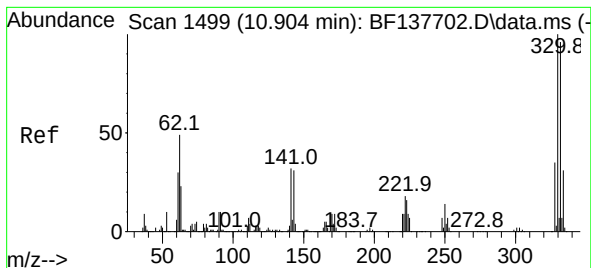
Ion Ratio Lower Upper

237 100

235 64.2 42.9 82.9

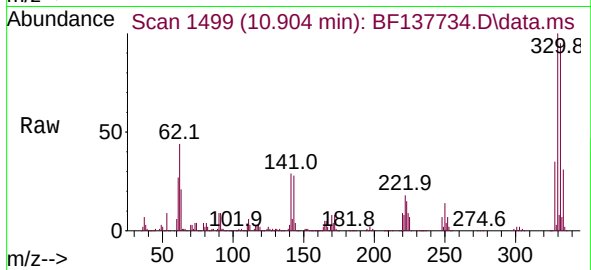
272 12.6 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 133.374 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

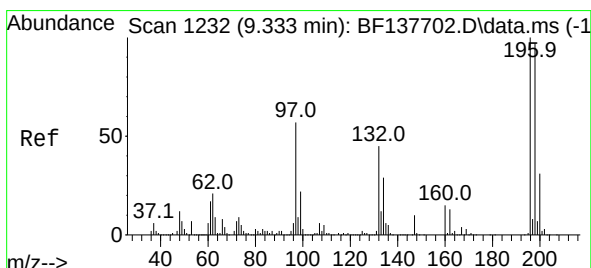
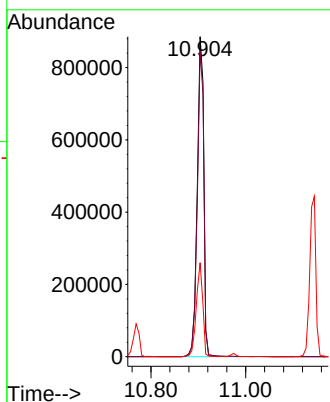
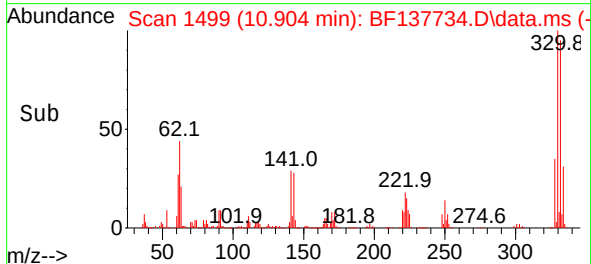
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



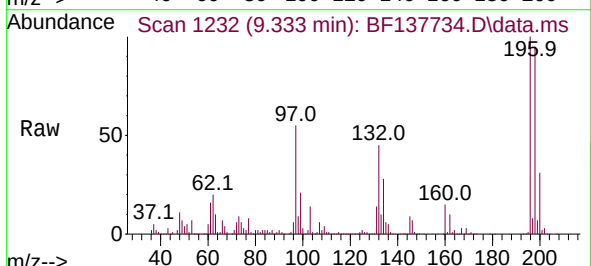
Tgt Ion:330 Resp: 846938
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 29.2 27.0 40.4

Manual Integrations
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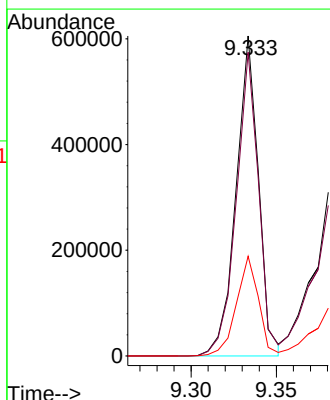
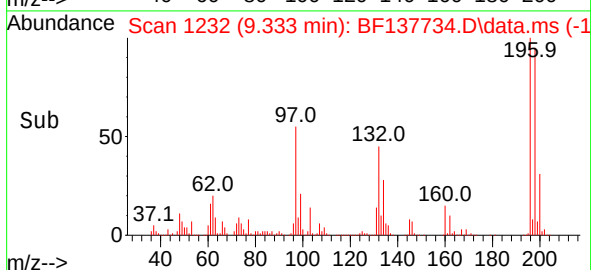
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

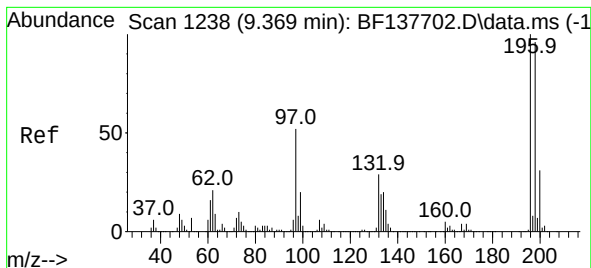


#43
2,4,6-Trichlorophenol
Concen: 45.593 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion:196 Resp: 551812
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.6
200 31.1 25.0 37.4





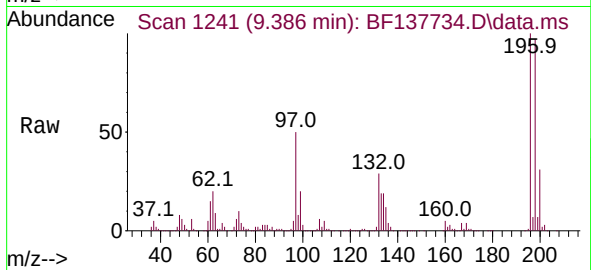
#44
2,4,5-Trichlorophenol
Concen: 41.917 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.017 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

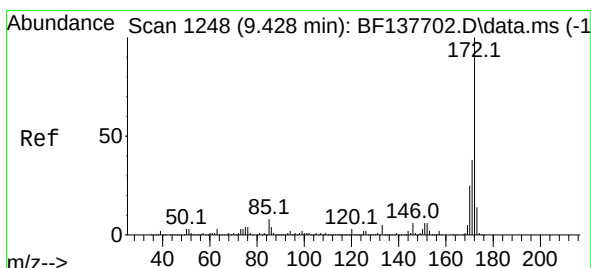
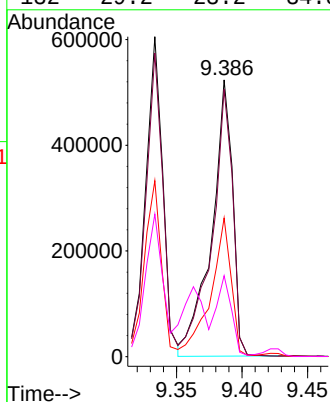
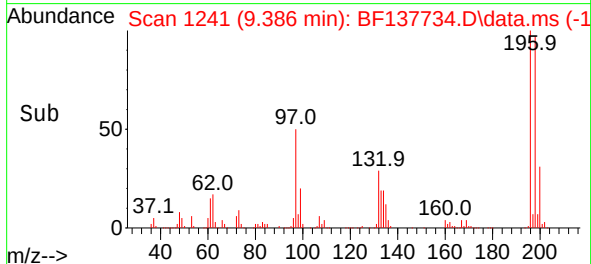


Tgt Ion:196 Resp: 58142
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 50.1 41.8 62.8
132 29.2 23.2 34.8

Manual Integrations

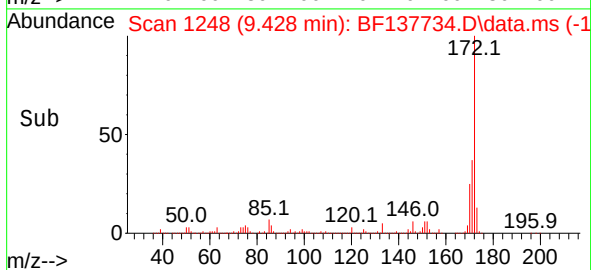
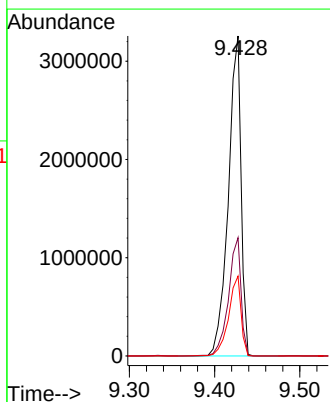
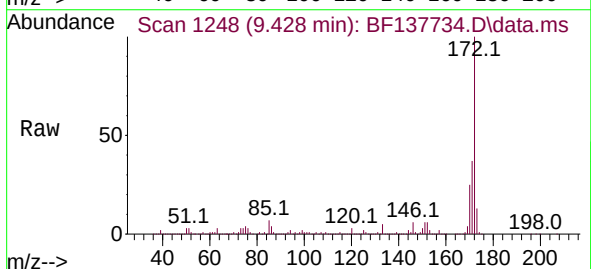
APPROVED

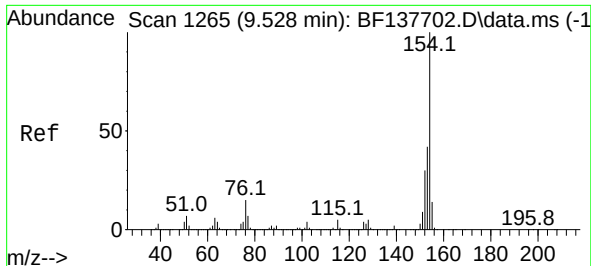
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#45
2-Fluorobiphenyl
Concen: 80.168 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:172 Resp: 3376320
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.4
170 24.9 20.2 30.4





#46

1,1'-Biphenyl

Concen: 44.472 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

Tgt Ion:154 Resp: 2035920

Ion Ratio Lower Upper

154 100

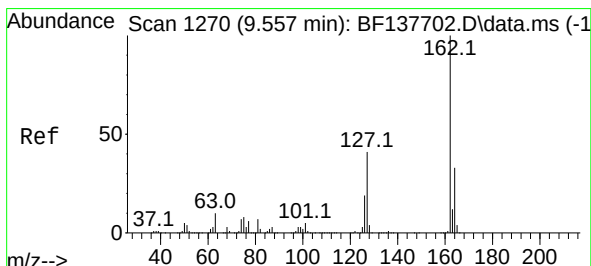
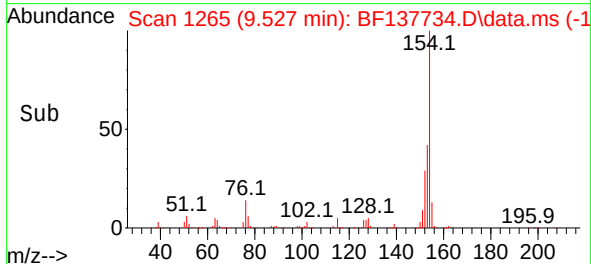
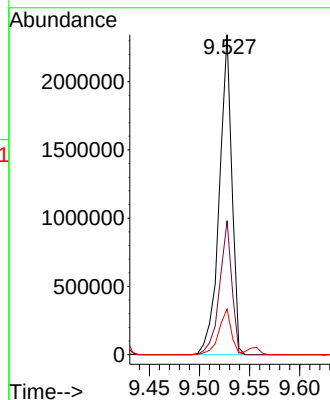
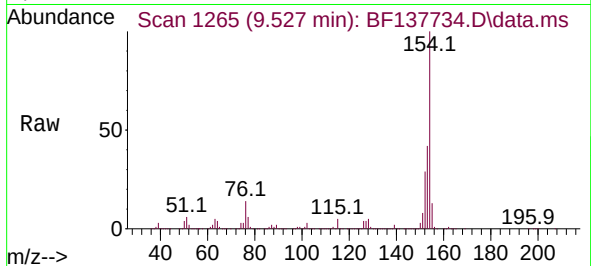
153 41.9 21.9 61.9

76 14.3 0.0 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#47

2-Chloronaphthalene

Concen: 46.069 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

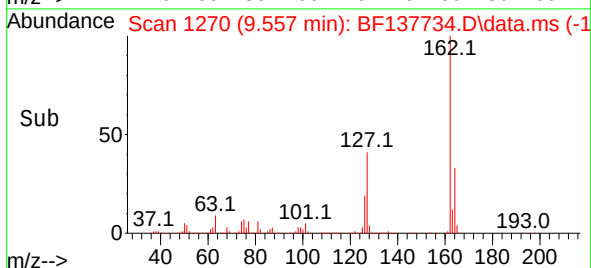
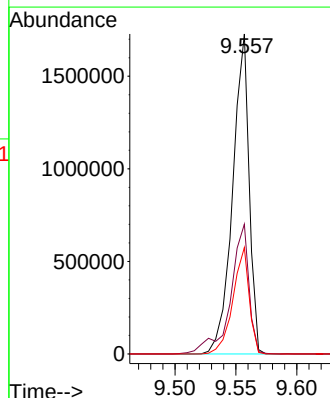
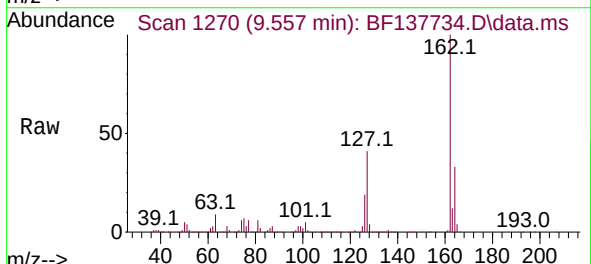
Tgt Ion:162 Resp: 1625784

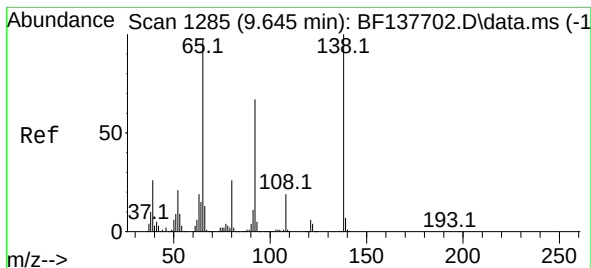
Ion Ratio Lower Upper

162 100

127 40.6 33.1 49.7

164 33.3 26.5 39.7





#48

2-Nitroaniline

Concen: 45.967 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

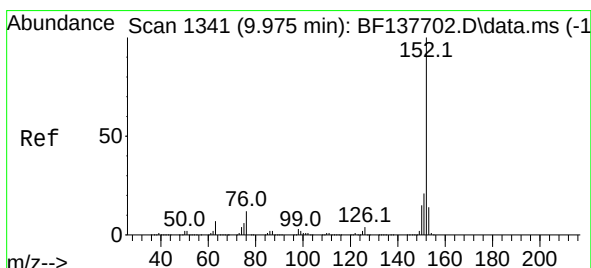
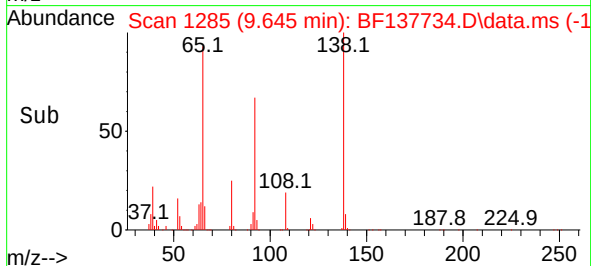
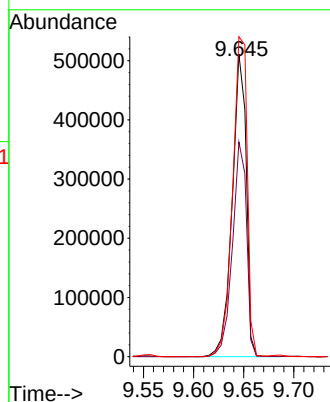
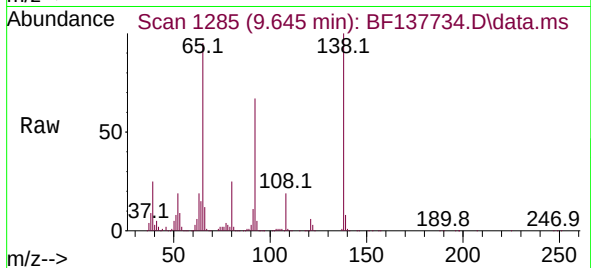
PB160534BSD

Tgt Ion: 65 Resp: 494309
 Ion Ratio Lower Upper
 65 100
 92 71.0 54.9 82.3
 138 105.7 82.4 123.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#49

Acenaphthylene

Concen: 45.425 ng

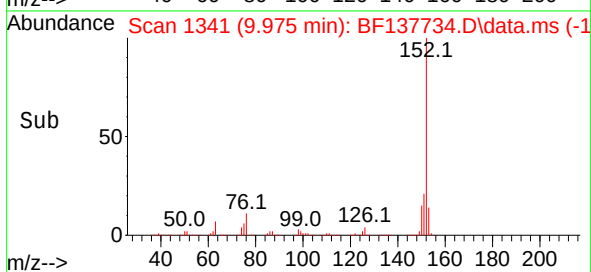
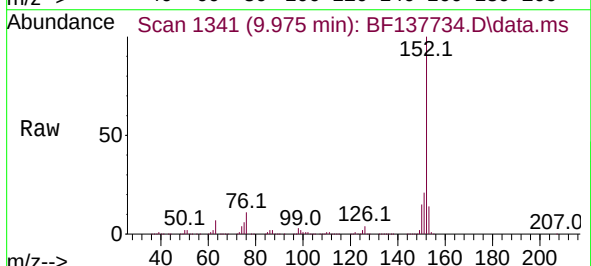
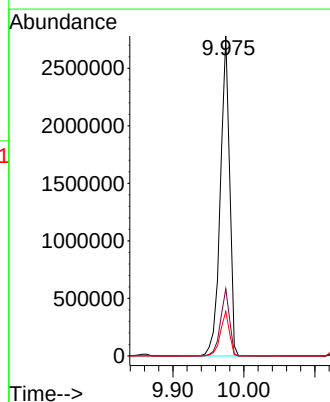
RT: 9.975 min Scan# 1341

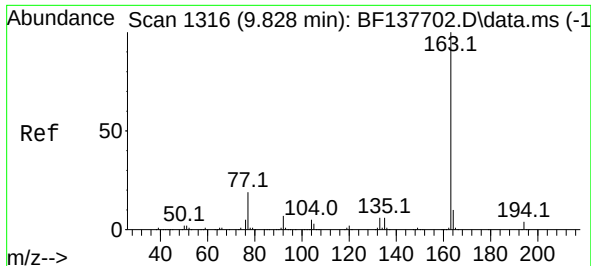
Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

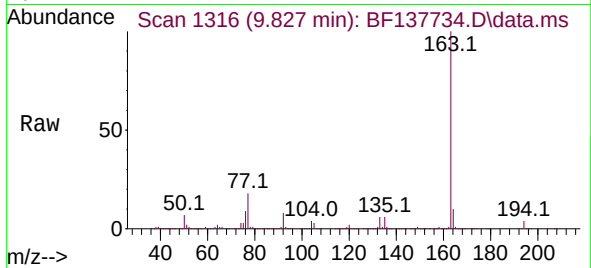
Tgt Ion:152 Resp: 2499916
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 13.9 11.0 16.4





#50
Dimethylphthalate
Concen: 43.295 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

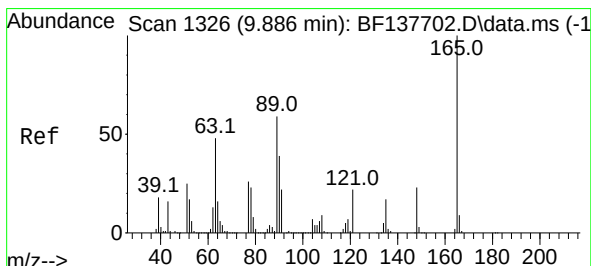
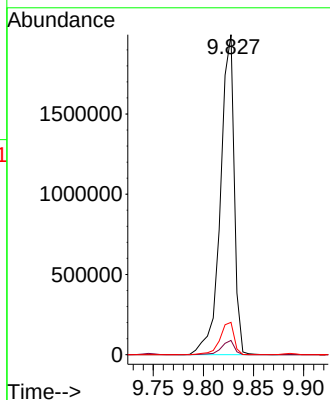
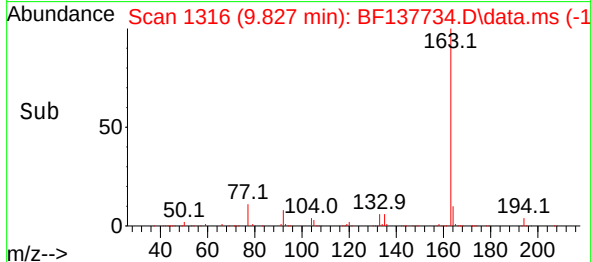
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



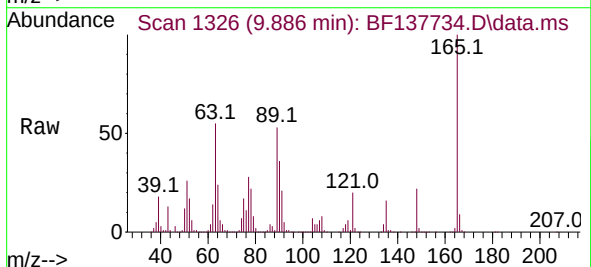
Tgt Ion:163 Resp: 189826
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.2 12.2

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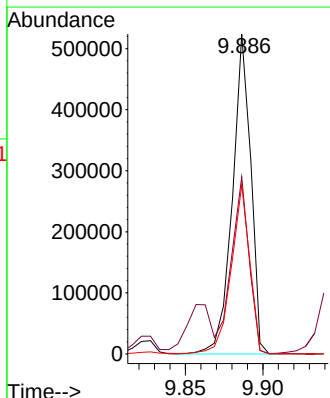
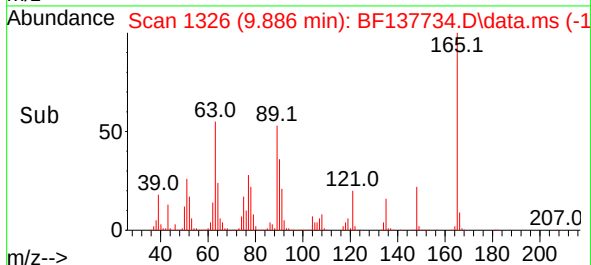
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

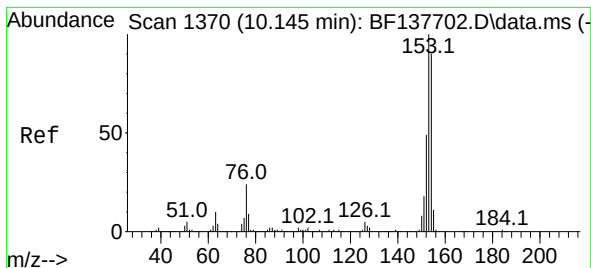


#51
2,6-Dinitrotoluene
Concen: 46.725 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion:165 Resp: 431642
Ion Ratio Lower Upper
165 100
63 55.4 47.7 71.5
89 52.9 47.3 70.9





#52

Acenaphthene

Concen: 48.293 ng

RT: 10.145 min Scan# 1370

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

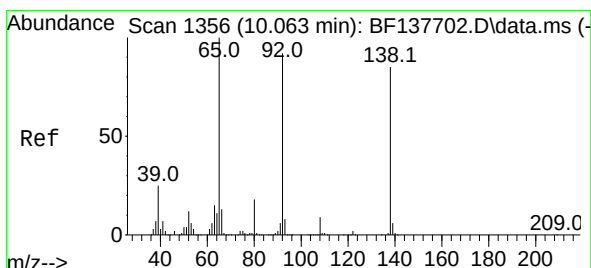
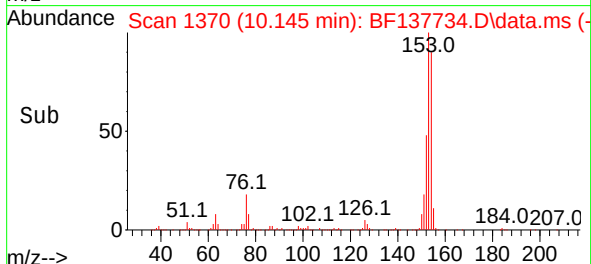
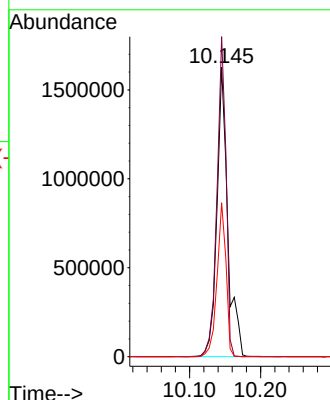
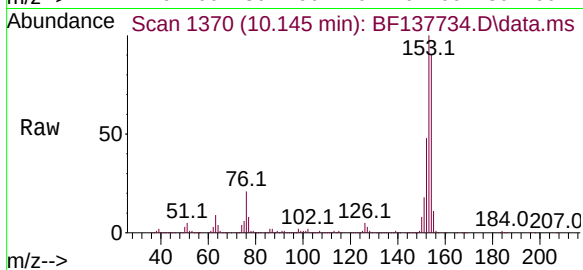
Tgt Ion:154 Resp: 172093

Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.5	132.7
152	53.2	43.3	64.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#53

3-Nitroaniline

Concen: 28.270 ng

RT: 10.057 min Scan# 1355

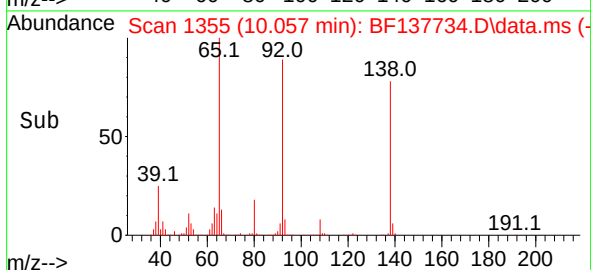
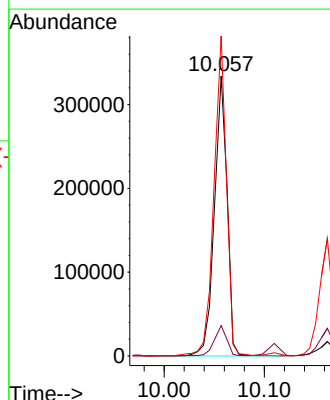
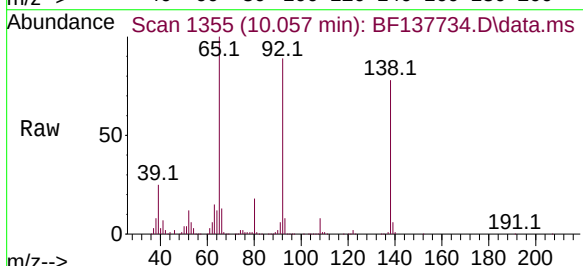
Delta R.T. -0.006 min

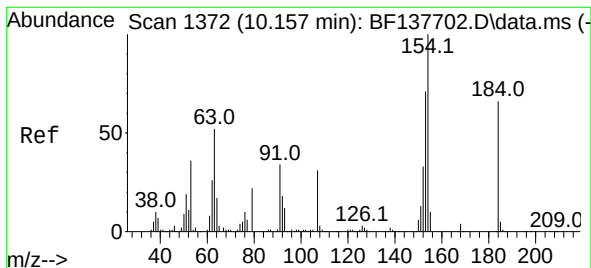
Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion:138 Resp: 293487

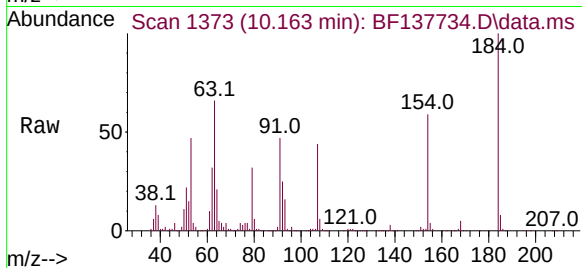
Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.3	12.5
92	114.4	86.9	130.3





#54
2,4-Dinitrophenol
Concen: 102.529 ng
RT: 10.163 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

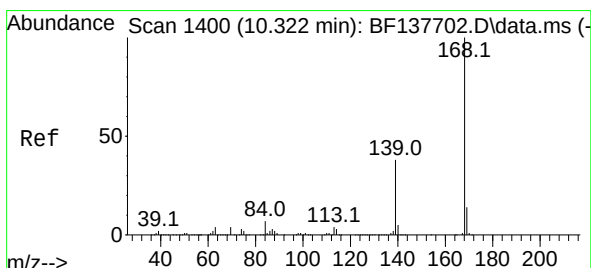
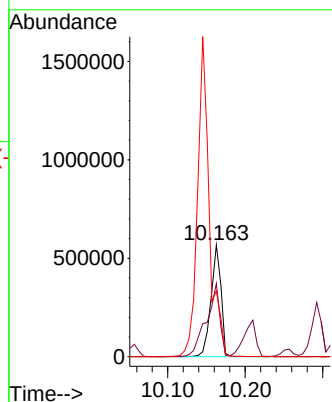
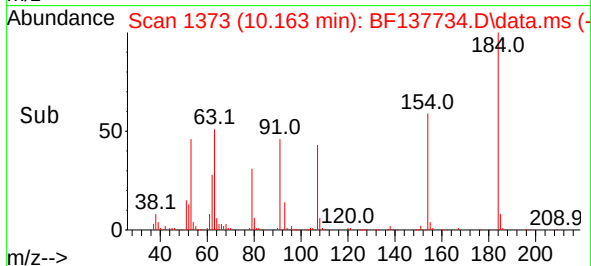
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:184 Resp: 51153
Ion Ratio Lower Upper
184 100
63 65.5 63.5 95.3
154 58.8 123.0 184.6

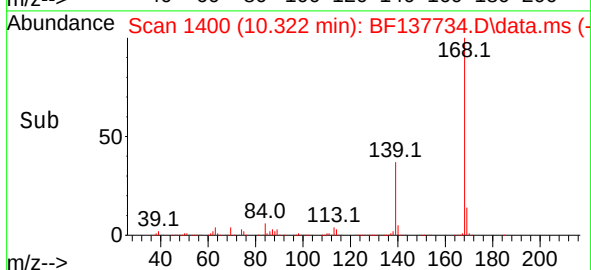
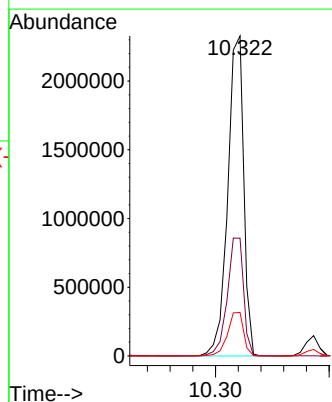
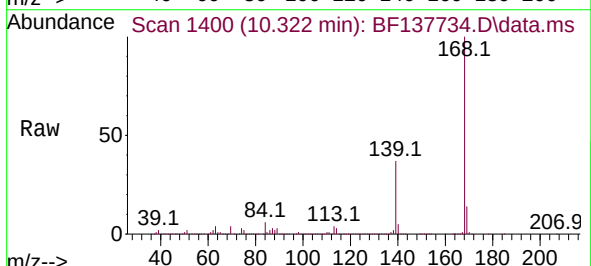
Manual Integrations
APPROVED

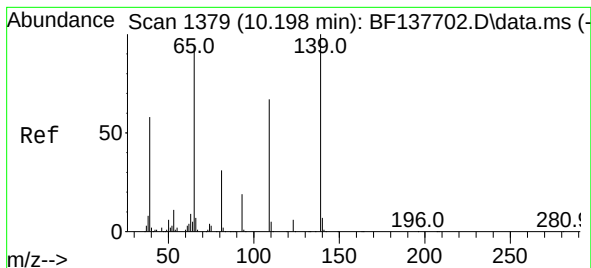
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#55
Dibenzofuran
Concen: 43.501 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

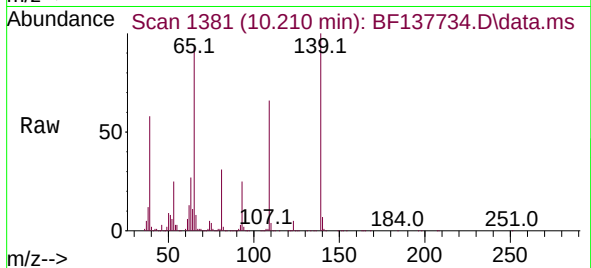
Tgt Ion:168 Resp: 2272296
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.6 10.9 16.3





#56
4-Nitrophenol
Concen: 91.124 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

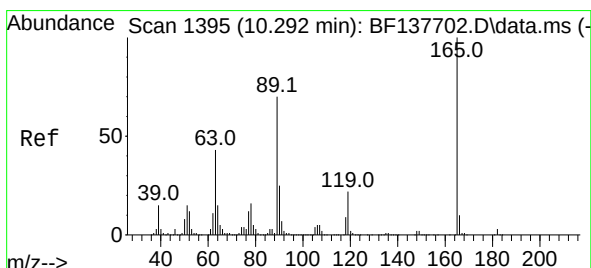
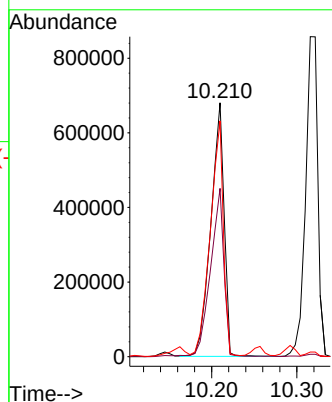
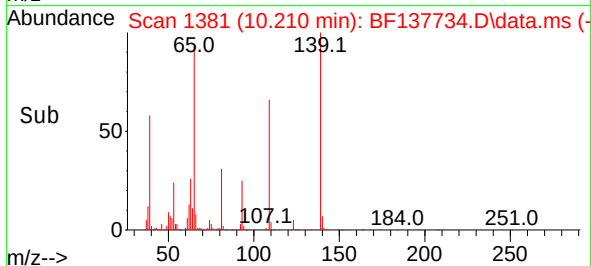
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:139 Resp: 735672
Ion Ratio Lower Upper
139 100
109 66.3 46.9 86.9
65 92.9 75.8 115.8

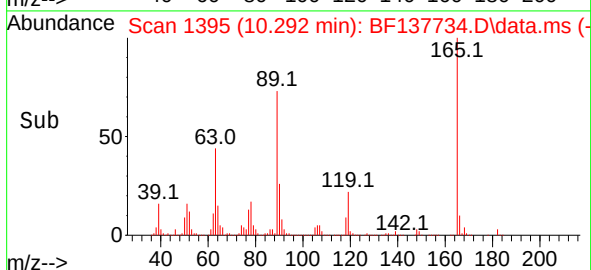
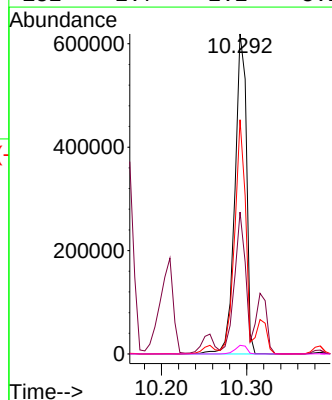
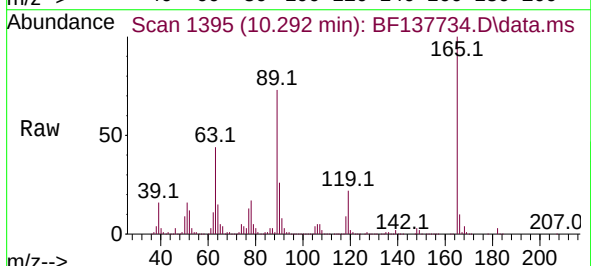
Manual Integrations
APPROVED

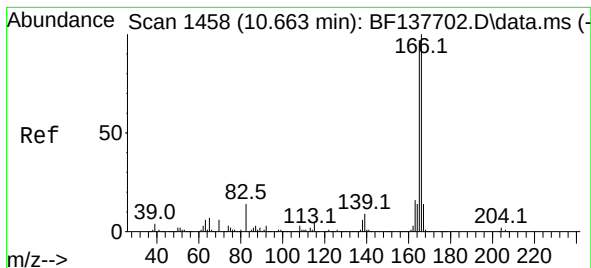
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#57
2,4-Dinitrotoluene
Concen: 50.207 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

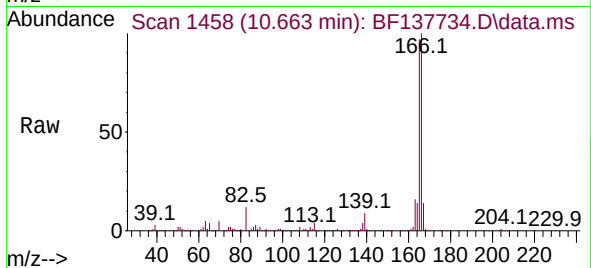
Tgt Ion:165 Resp: 584721
Ion Ratio Lower Upper
165 100
63 44.4 34.1 51.1
89 73.2 56.4 84.6
182 2.7 2.2 3.2





#58
Fluorene
Concen: 43.854 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

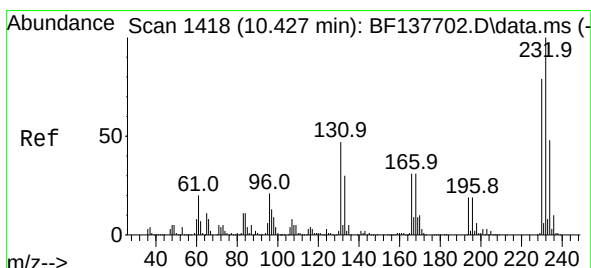
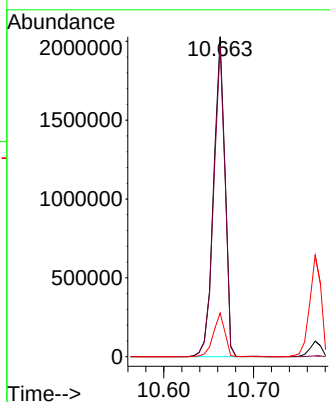
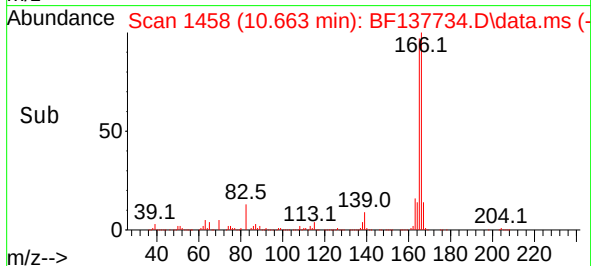
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:166 Resp: 1789920
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.6
167 13.7 10.8 16.2

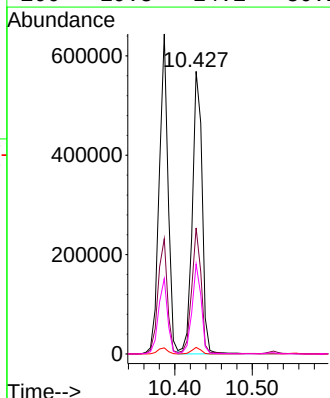
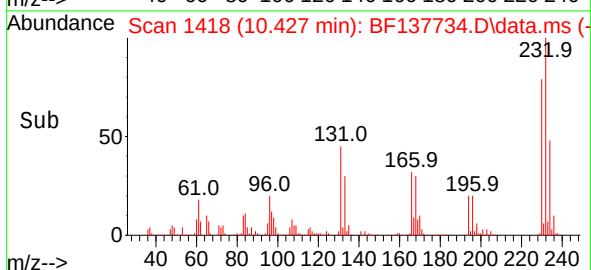
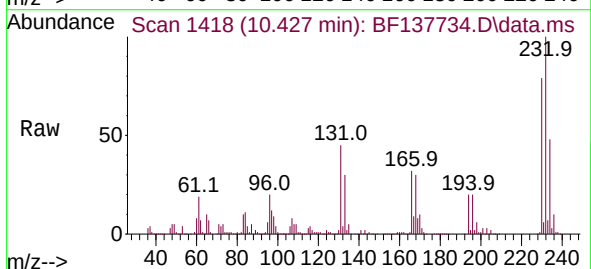
Manual Integrations
APPROVED

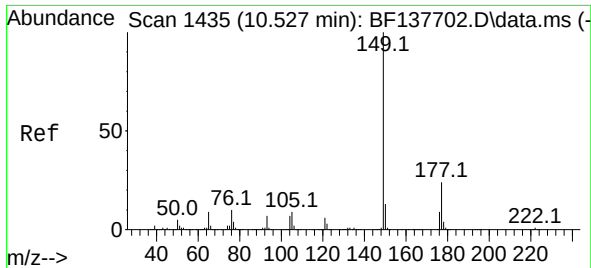
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 46.357 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:232 Resp: 497892
Ion Ratio Lower Upper
232 100
131 42.9 36.4 54.6
130 2.2 1.8 2.6
166 29.8 24.1 36.1





#60

Diethylphthalate

Concen: 42.116 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

Tgt Ion:149 Resp: 1776060

Ion Ratio Lower Upper

149 100

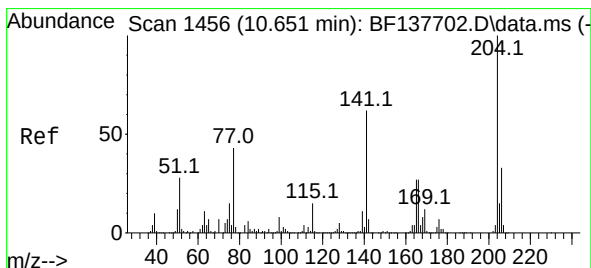
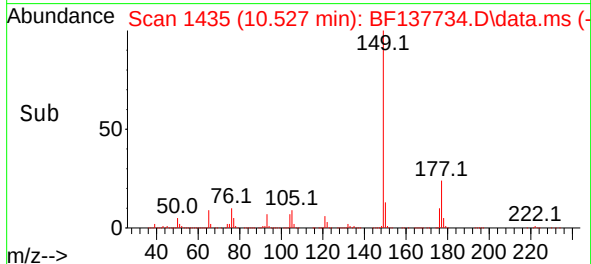
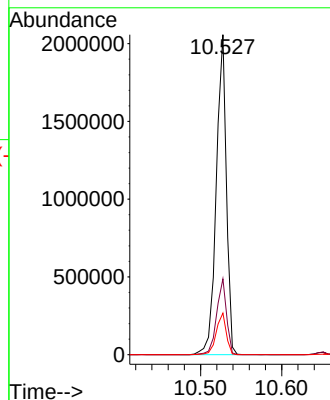
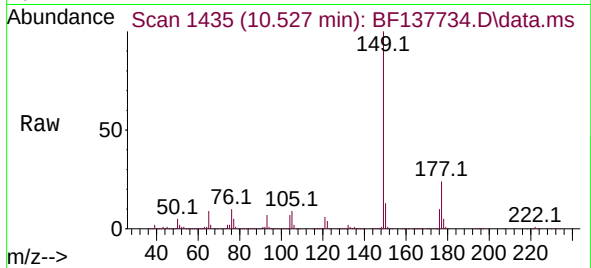
177 23.7 19.0 28.4

150 13.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#61

4-Chlorophenyl-phenylether

Concen: 43.554 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

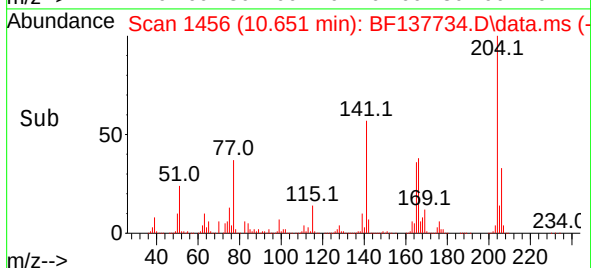
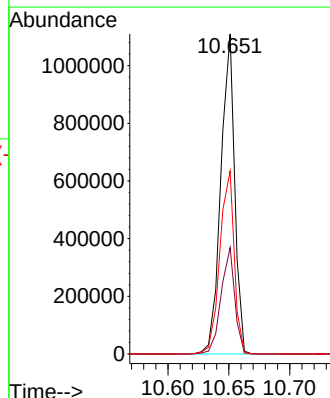
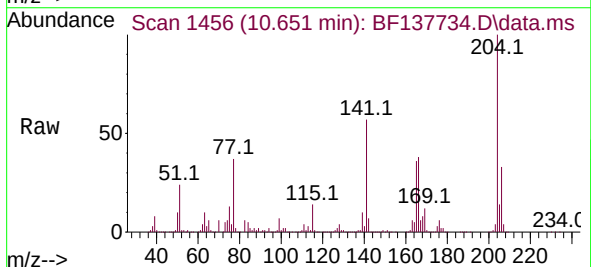
Tgt Ion:204 Resp: 878366

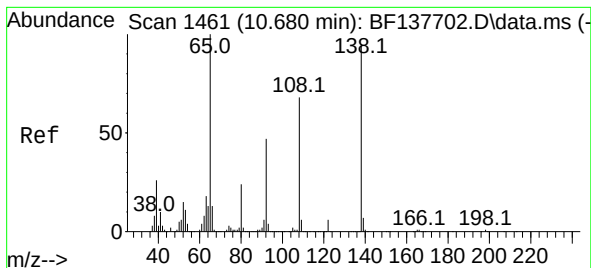
Ion Ratio Lower Upper

204 100

206 33.3 26.3 39.5

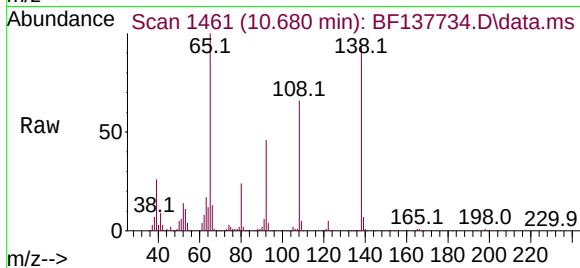
141 57.2 49.4 74.2





#62
4-Nitroaniline
Concen: 43.966 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

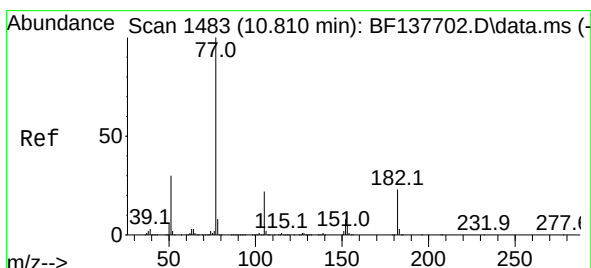
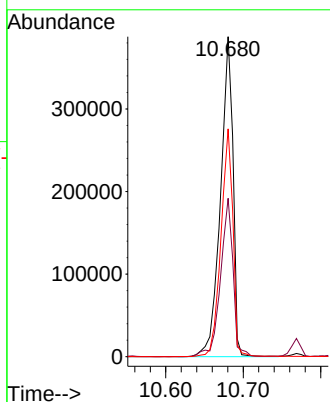
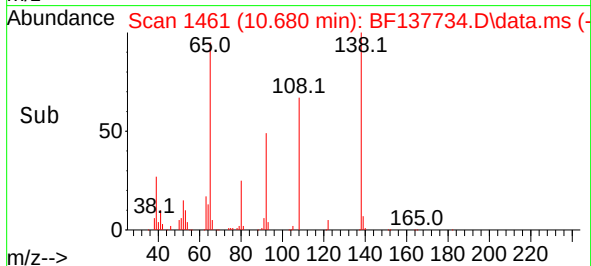
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



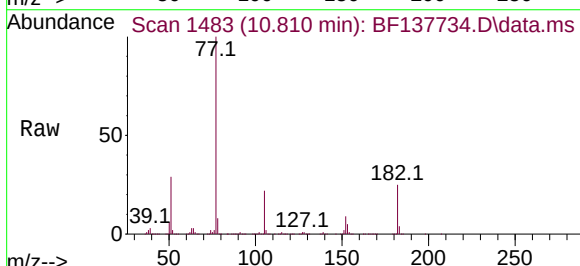
Tgt Ion:138 Resp: 434740
Ion Ratio Lower Upper
138 100
92 49.5 29.8 69.8
108 71.2 51.1 91.1

Manual Integrations
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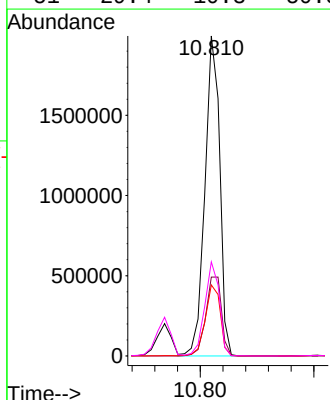
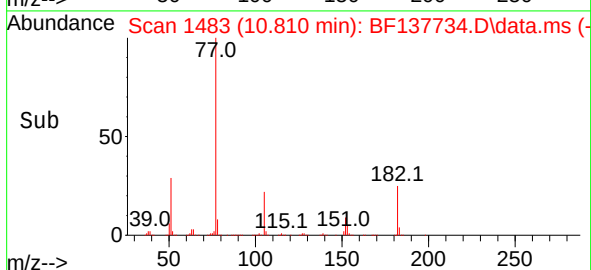
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

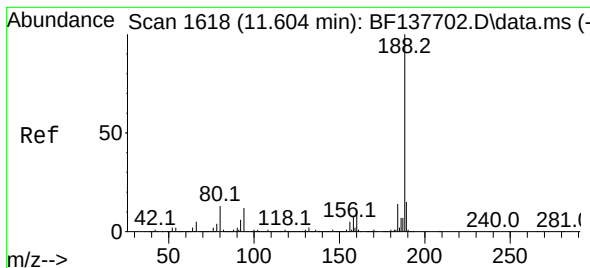


#63
Azobenzene
Concen: 41.734 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion: 77 Resp: 1803470
Ion Ratio Lower Upper
77 100
182 24.6 3.1 43.1
105 22.2 1.6 41.6
51 29.4 10.3 50.3





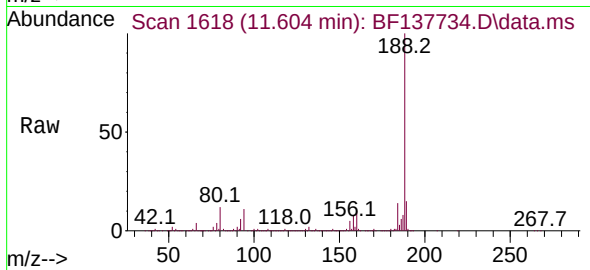
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 110082
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

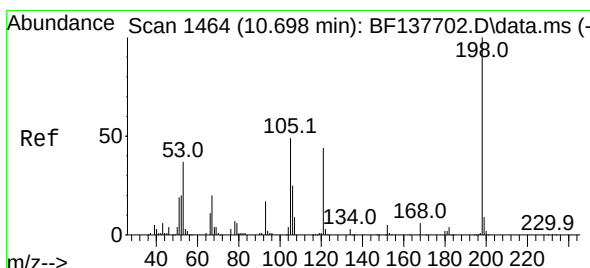
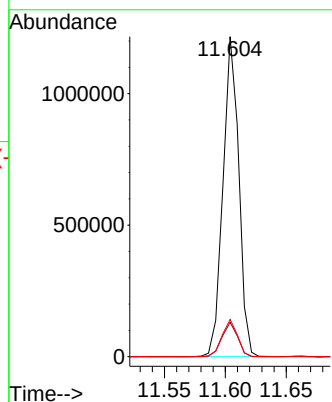
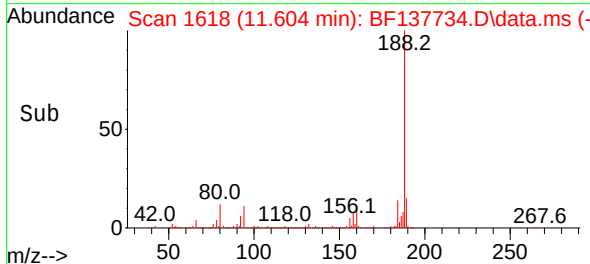


Tgt Ion:188 Resp: 110082
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.6 10.2 15.4

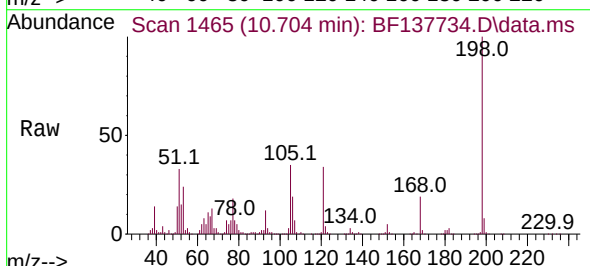
Manual Integrations

APPROVED

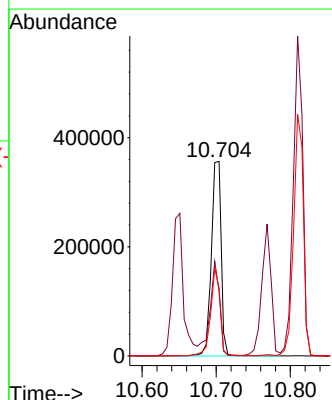
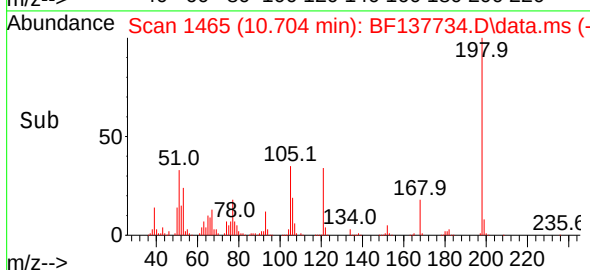
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

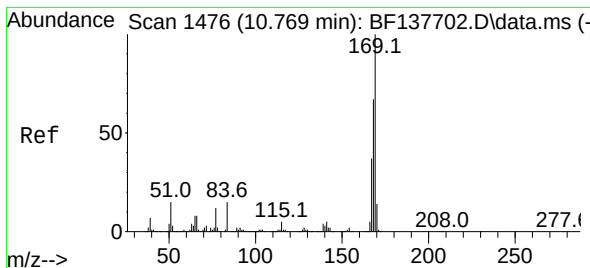


#65
4,6-Dinitro-2-methylphenol
Concen: 52.064 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



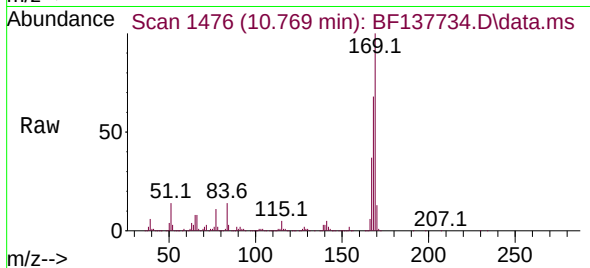
Tgt Ion:198 Resp: 328613
Ion Ratio Lower Upper
198 100
51 33.0 33.5 73.5#
105 34.9 29.3 69.3





#66
n-Nitrosodiphenylamine
Concen: 42.254 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

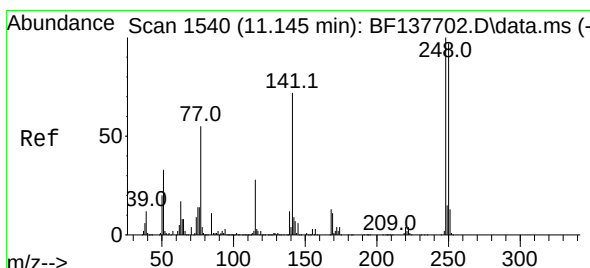
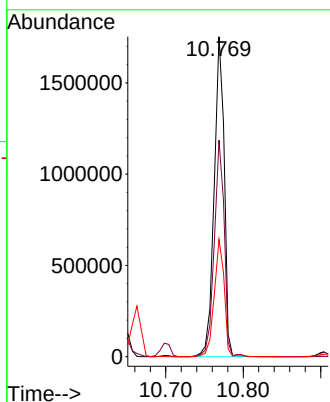
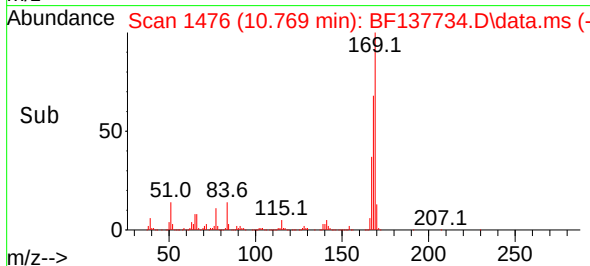
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:169 Resp: 157537
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 36.7 29.6 44.4

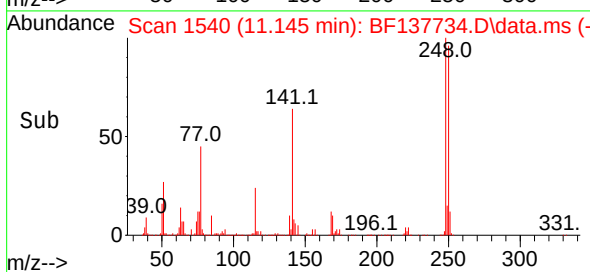
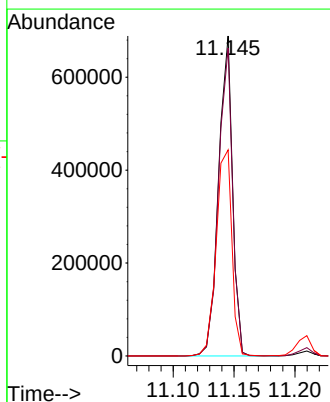
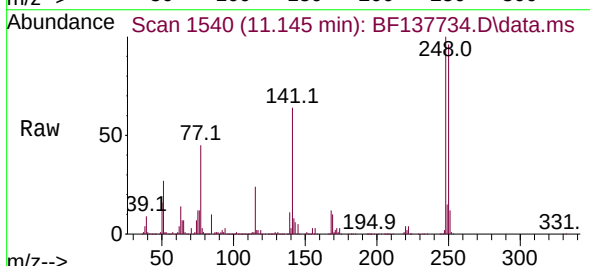
Manual Integrations
APPROVED

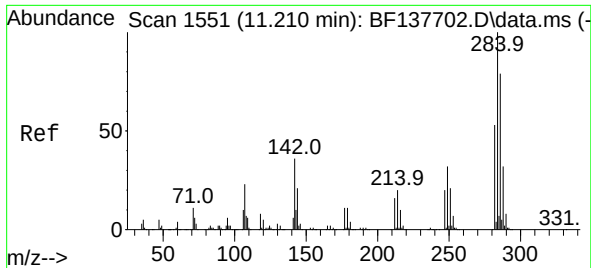
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#67
4-Bromophenyl-phenylether
Concen: 43.224 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

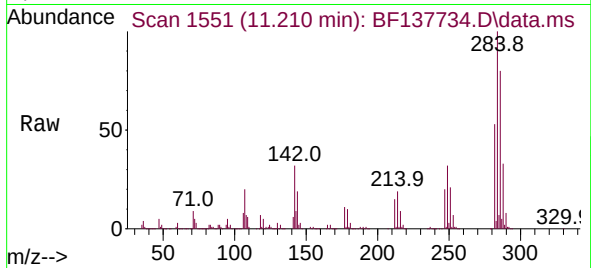
Tgt Ion:248 Resp: 551350
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.0
141 64.4 57.9 86.9





#68
Hexachlorobenzene
Concen: 46.671 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

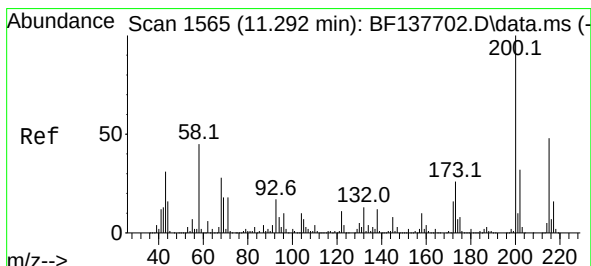
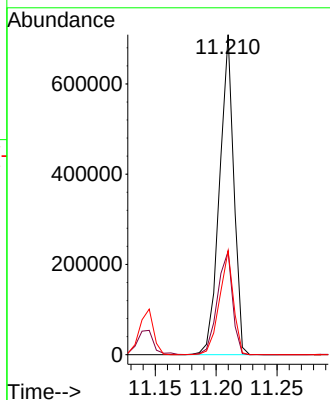
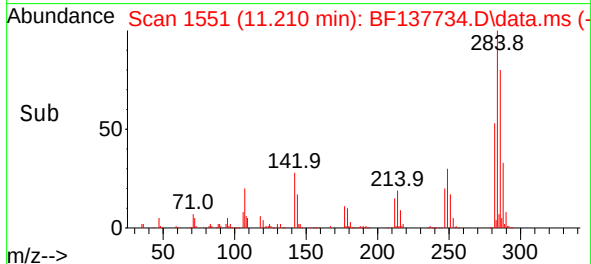
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



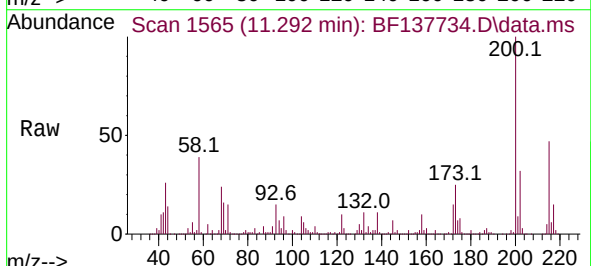
Tgt Ion:284 Resp: 579973
Ion Ratio Lower Upper
284 100
142 32.3 28.5 42.7
249 32.5 25.6 38.4

Manual Integrations
APPROVED

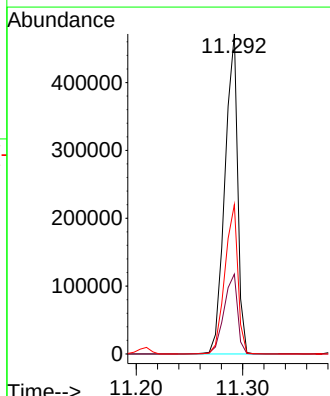
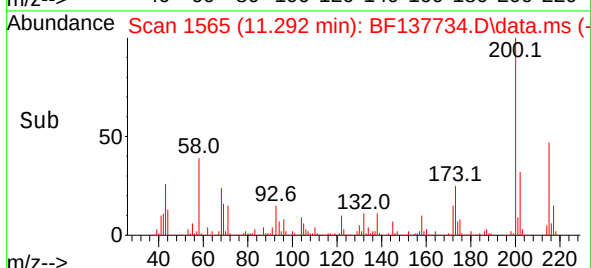
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

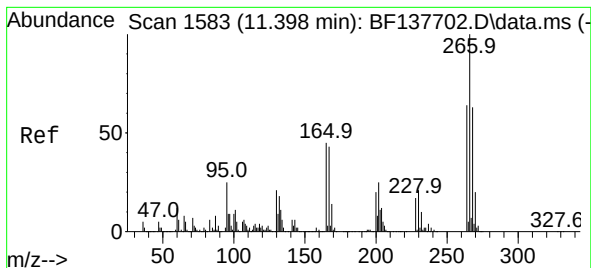


#69
Atrazine
Concen: 38.012 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion:200 Resp: 391772
Ion Ratio Lower Upper
200 100
173 25.0 6.3 46.3
215 46.6 28.0 68.0





#70

Pentachlorophenol

Concen: 81.457 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137734.D

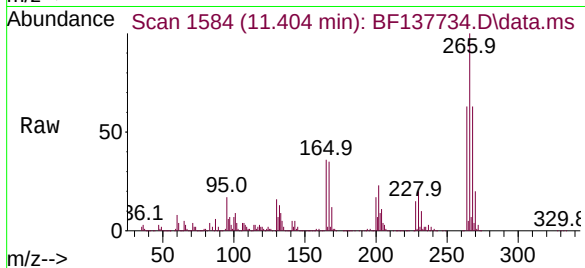
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD



Tgt Ion:266 Resp: 761452

Ion Ratio Lower Upper

266 100

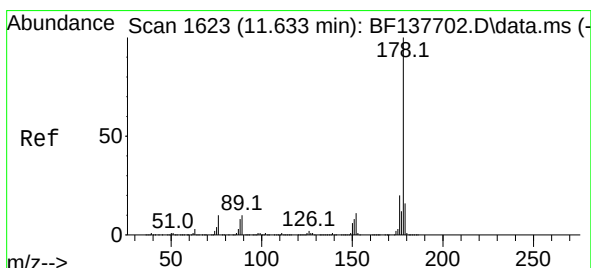
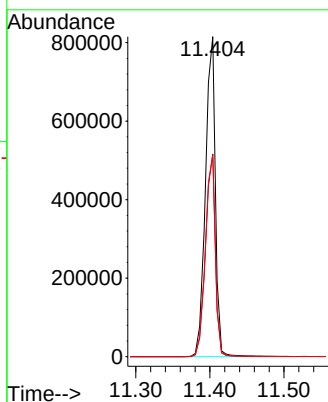
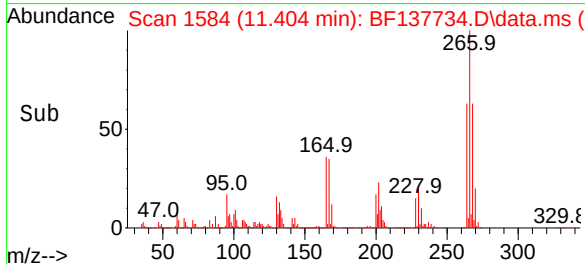
268 63.3 50.4 75.6

264 63.1 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#71

Phenanthrene

Concen: 42.504 ng

RT: 11.633 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

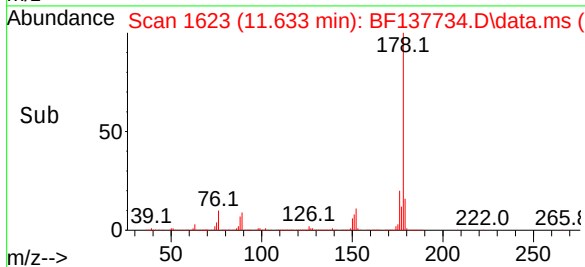
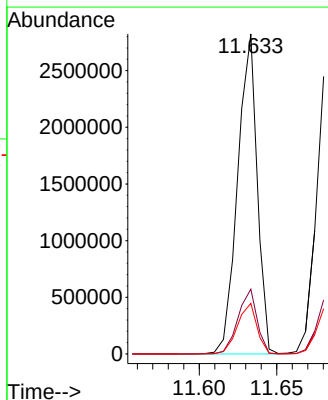
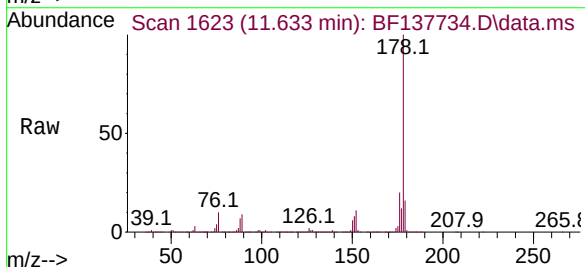
Tgt Ion:178 Resp: 2476785

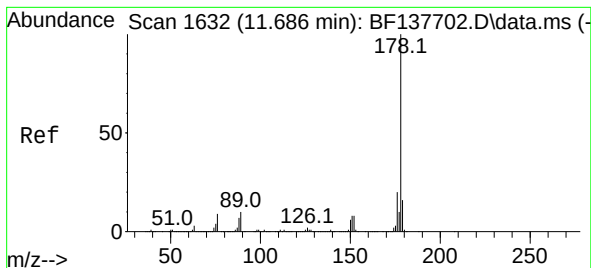
Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

179 15.8 12.8 19.2





#72

Anthracene

Concen: 41.974 ng

RT: 11.686 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

Tgt Ion:178 Resp: 2504572

Ion Ratio Lower Upper

178 100

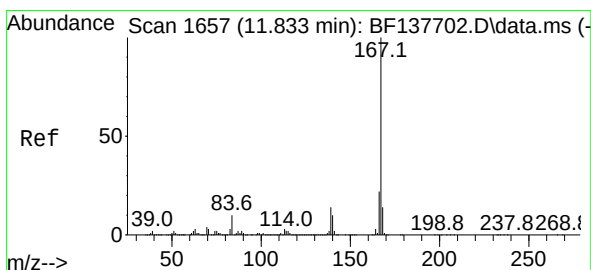
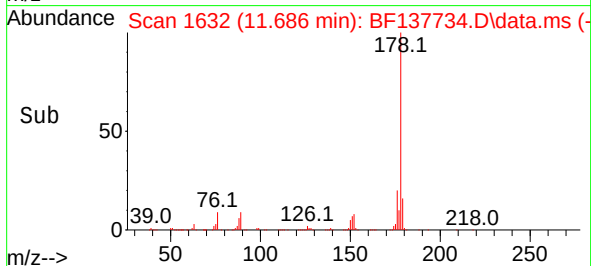
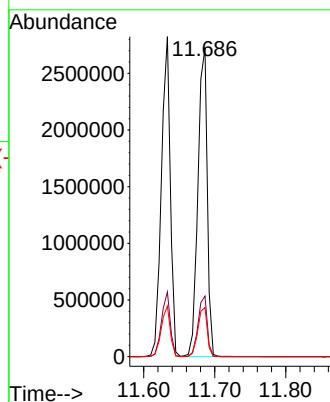
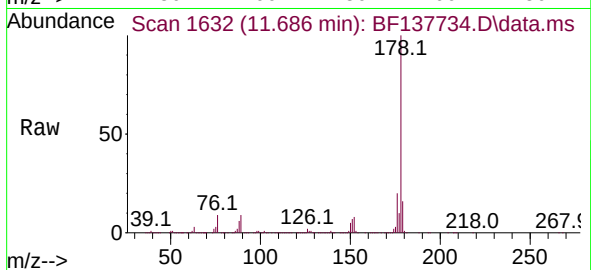
176 19.6 15.8 23.8

179 15.9 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#73

Carbazole

Concen: 42.706 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

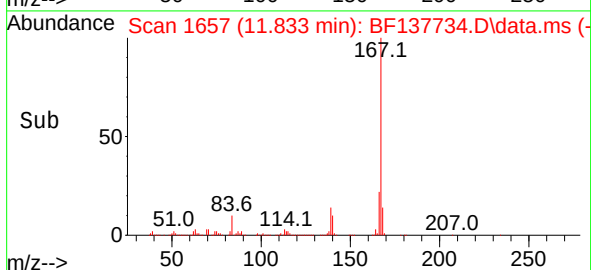
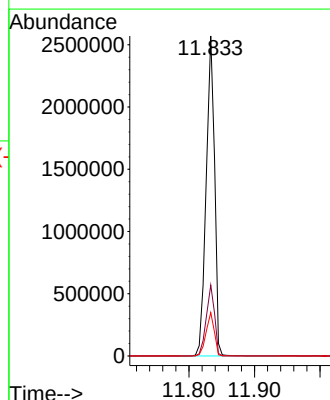
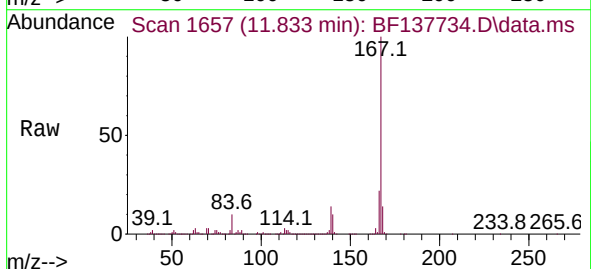
Tgt Ion:167 Resp: 2309444

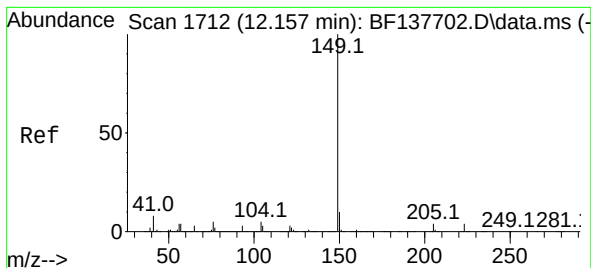
Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

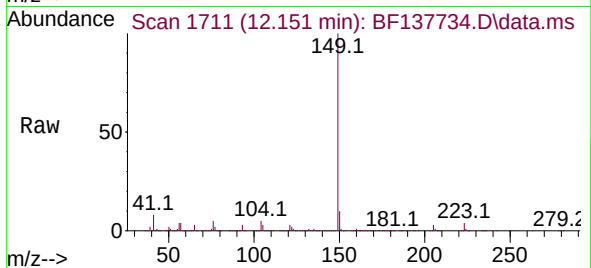
139 13.6 10.9 16.3





#74
Di-n-butylphthalate
Concen: 41.170 ng
RT: 12.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

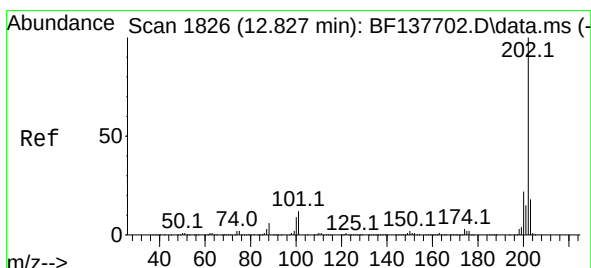
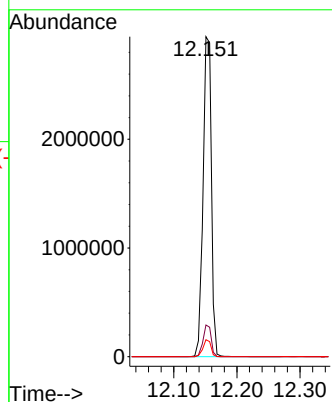
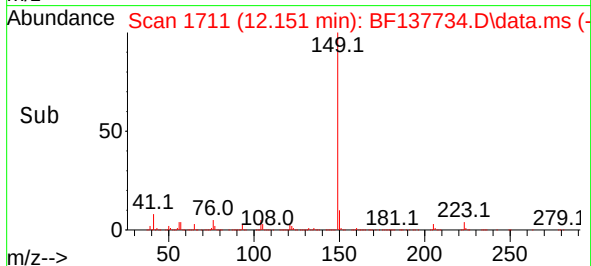
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



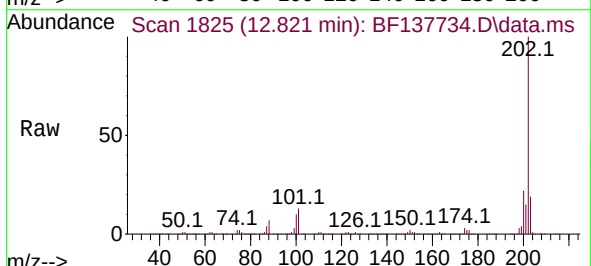
Tgt Ion:149 Resp: 2714012
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.3 4.2 6.4

Manual Integrations
APPROVED

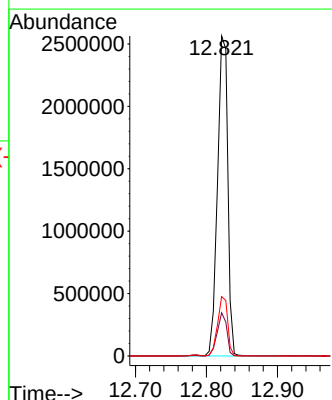
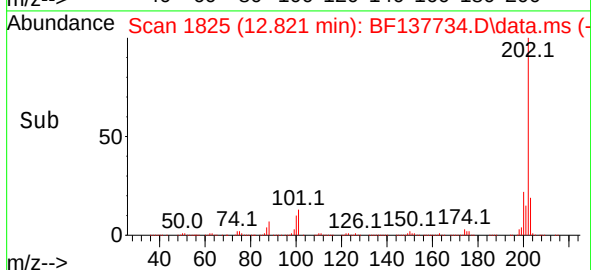
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

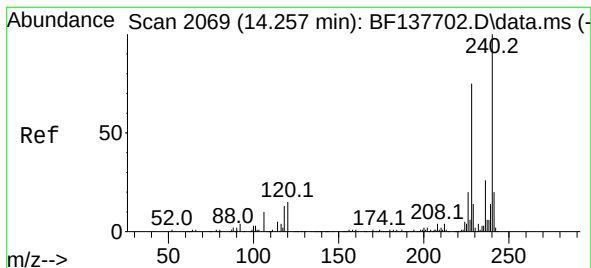


#75
Fluoranthene
Concen: 42.069 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion:202 Resp: 2576770
Ion Ratio Lower Upper
202 100
101 13.5 0.0 32.2
203 18.6 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.257 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

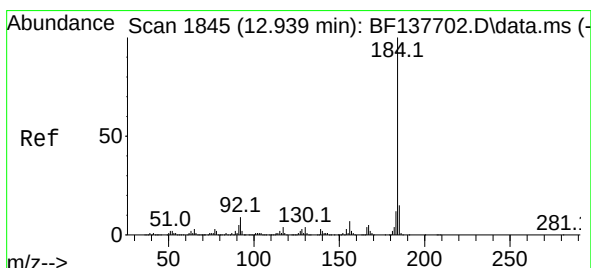
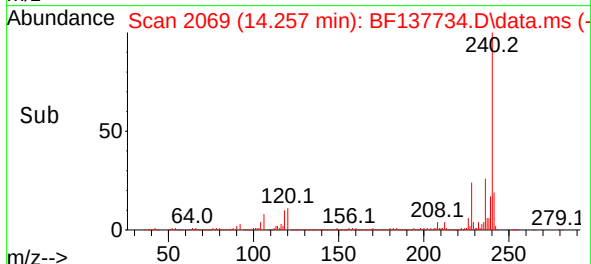
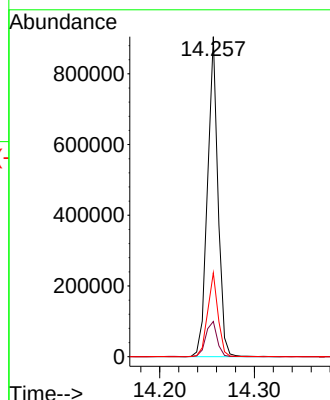
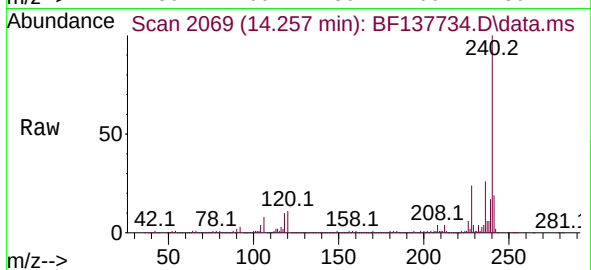
PB160534BSD

Tgt Ion:240 Resp: 693809
 Ion Ratio Lower Upper
 240 100
 120 11.0 11.9 17.9
 236 26.2 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#77

Benzidine

Concen: 15.571 ng

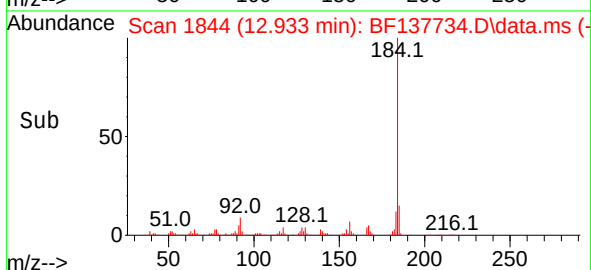
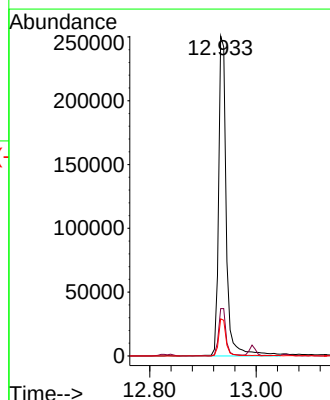
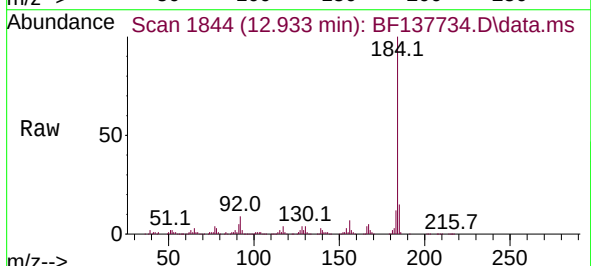
RT: 12.933 min Scan# 1844

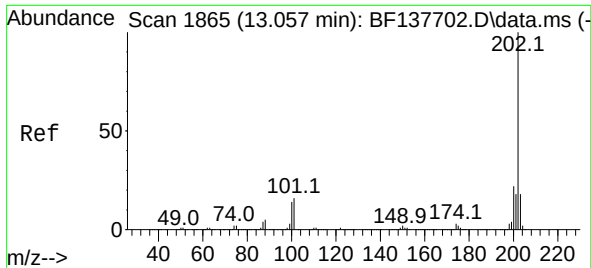
Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion:184 Resp: 252336
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.2 18.4
 183 11.6 9.4 14.0





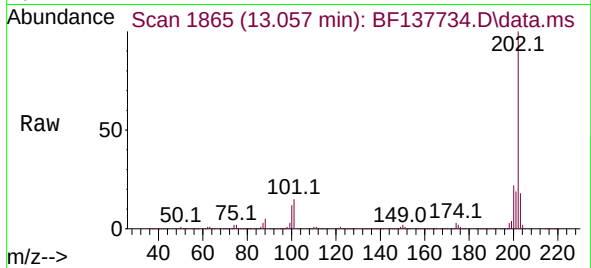
#78
Pyrene
Concen: 45.789 ng
RT: 13.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

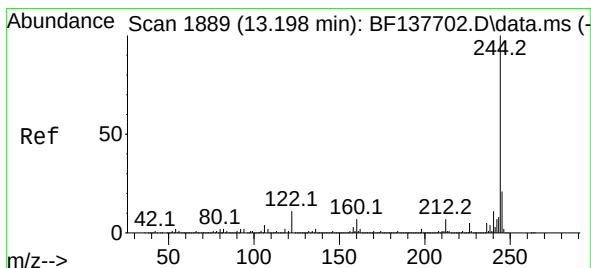
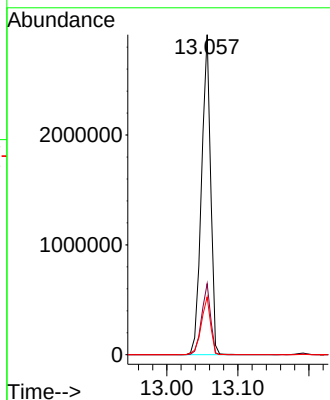
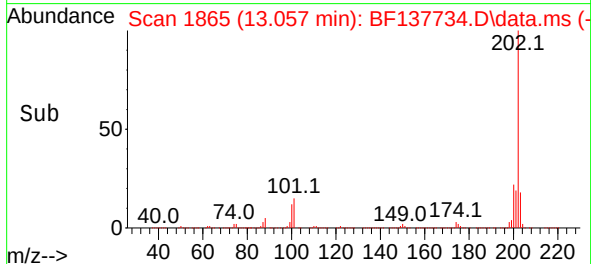


Tgt Ion:202 Resp: 260755
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.1 14.6 21.8

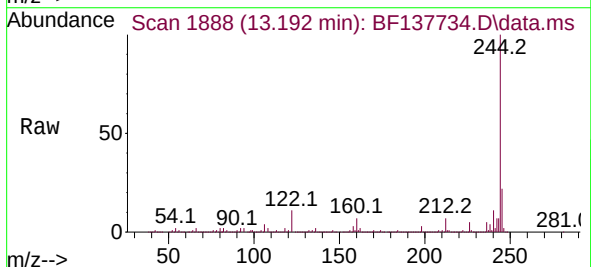
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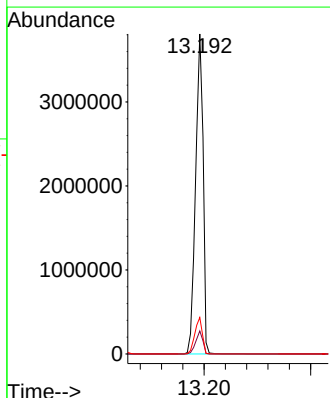
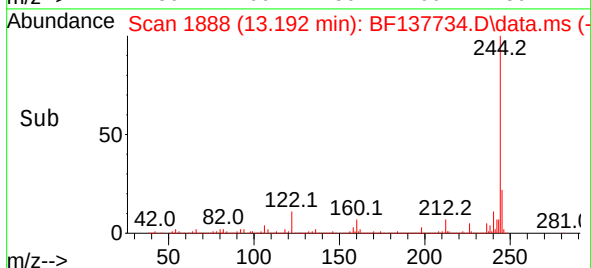
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

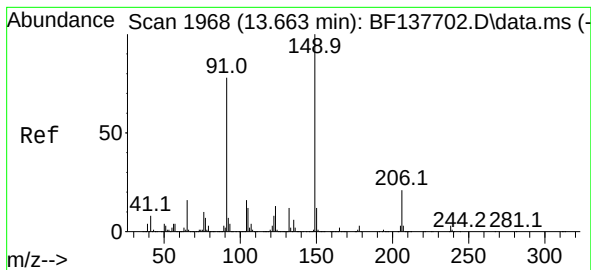


#79
Terphenyl-d14
Concen: 86.767 ng
RT: 13.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



Tgt Ion:244 Resp: 3740137
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 11.4 8.8 13.2





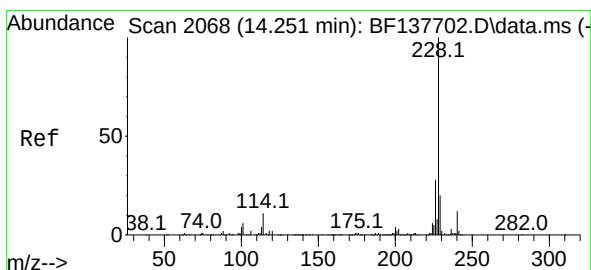
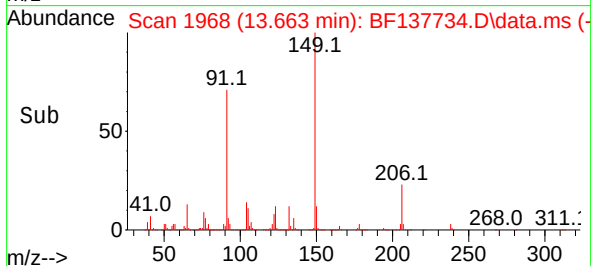
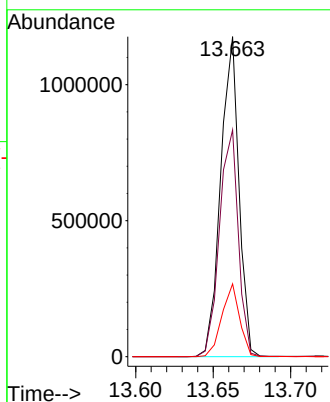
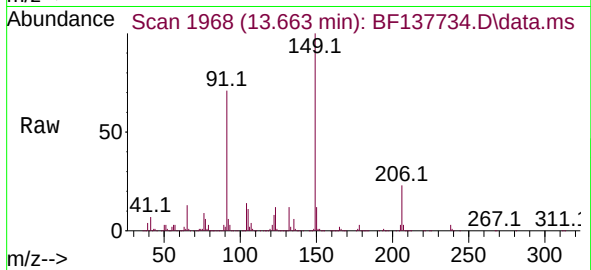
#80
Butylbenzylphthalate
Concen: 47.791 ng
RT: 13.663 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :
BNA_F
ClientSampleId :
PB160534BSD

Tgt Ion:149 Resp: 965135
Ion Ratio Lower Upper
149 100
91 70.9 62.6 93.8
206 22.8 16.5 24.7

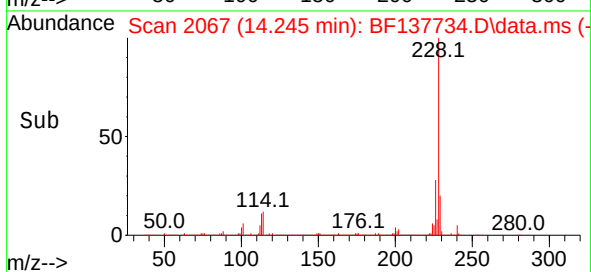
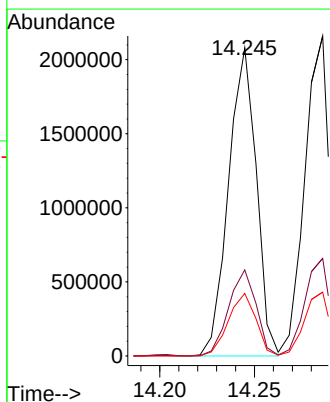
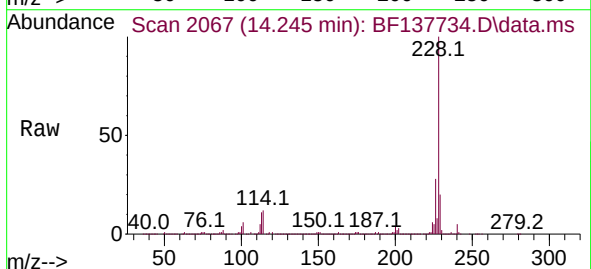
Manual Integrations
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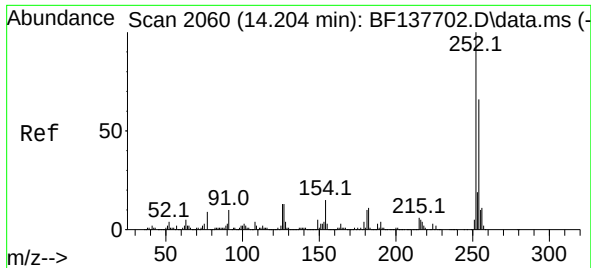
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#81
Benzo(a)anthracene
Concen: 43.816 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:228 Resp: 2120355
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.3 16.0 24.0





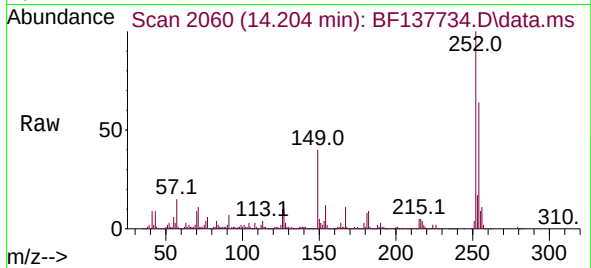
#82
3,3'-Dichlorobenzidine
Concen: 31.102 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD

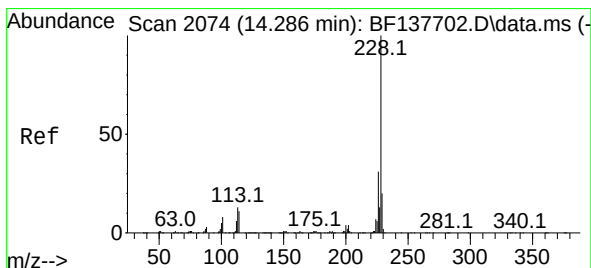
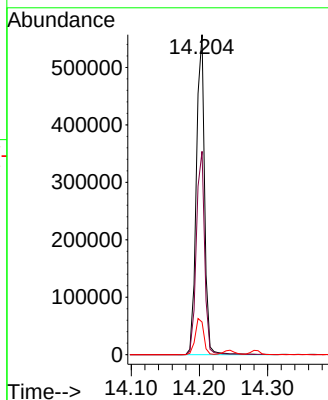
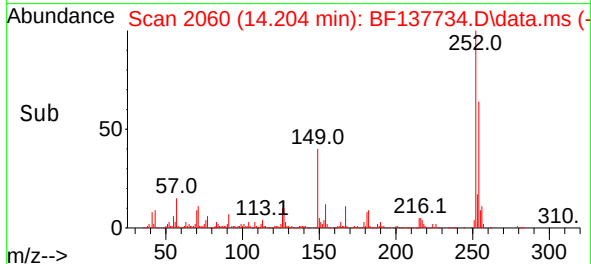


Tgt Ion:252 Resp: 465678
Ion Ratio Lower Upper
252 100
254 63.5 52.6 79.0
126 10.2 10.8 16.2

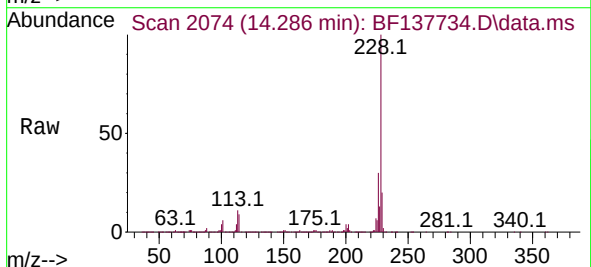
Manual Integrations

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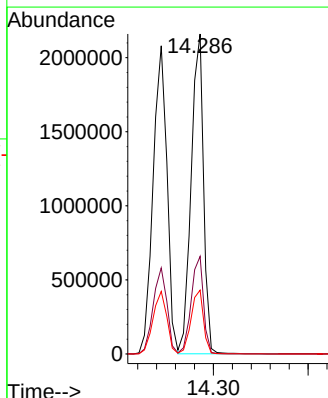
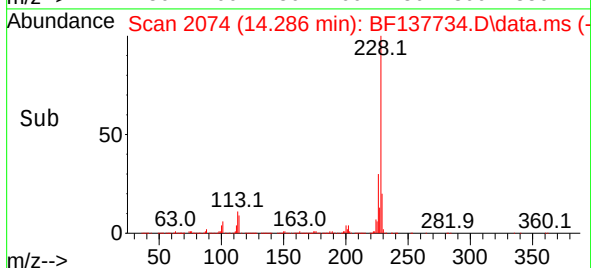
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

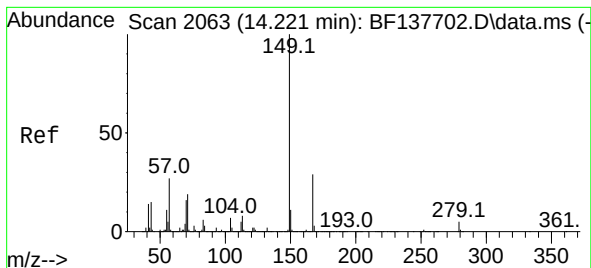


#83
Chrysene
Concen: 43.468 ng
RT: 14.286 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25



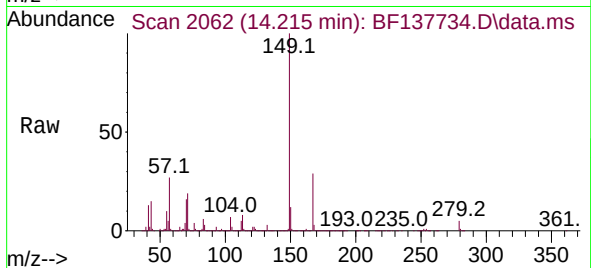
Tgt Ion:228 Resp: 1965435
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.9 16.2 24.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 42.975 ng
RT: 14.215 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

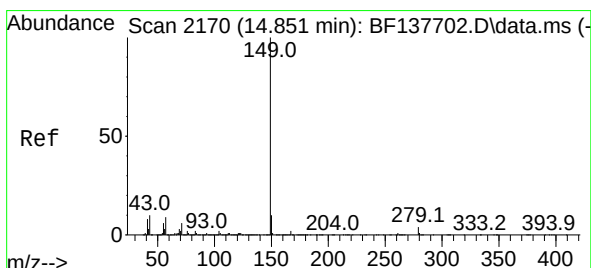
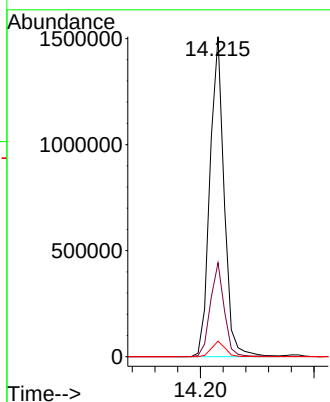
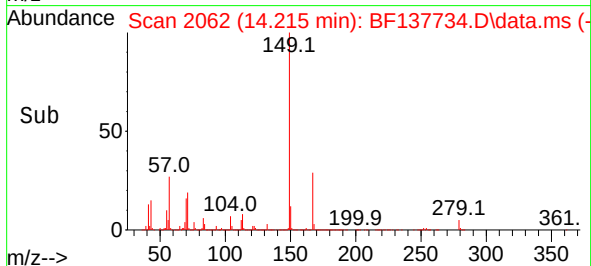
Instrument :
BNA_F
ClientSampleId :
PB160534BSD



Tgt Ion:149 Resp: 1310663
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.8 4.0 6.0

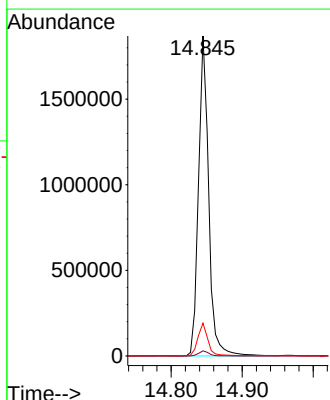
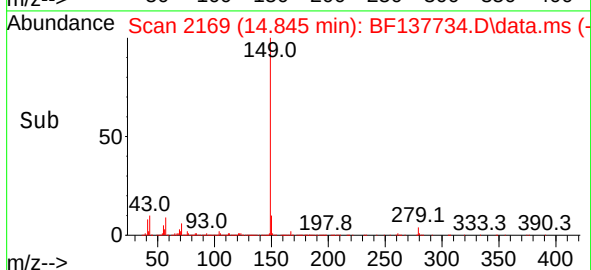
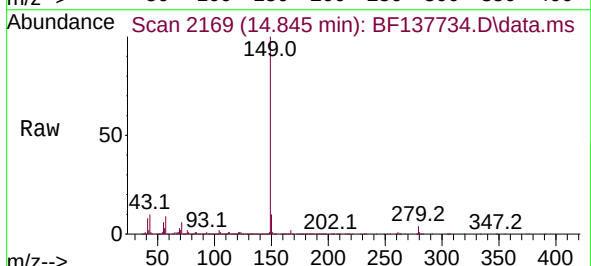
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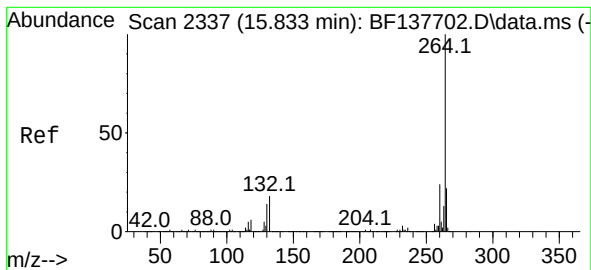
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#85
Di-n-octyl phthalate
Concen: 40.657 ng
RT: 14.845 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BF137734.D
Acq: 26 Apr 2024 14:25

Tgt Ion:149 Resp: 1862584
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

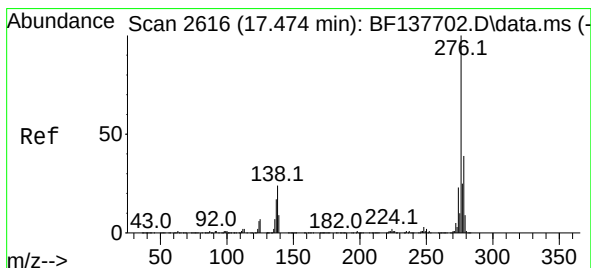
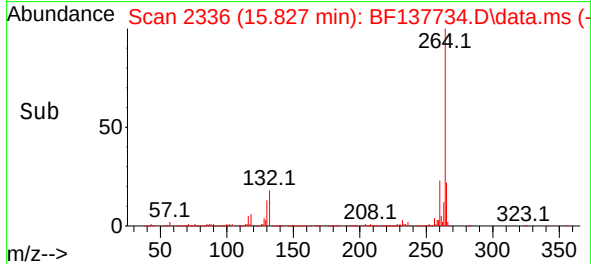
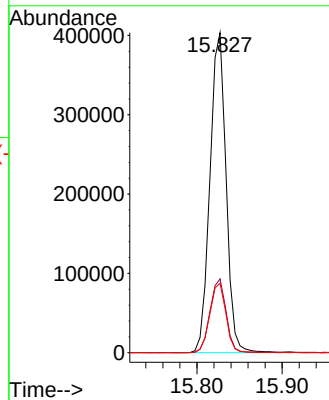
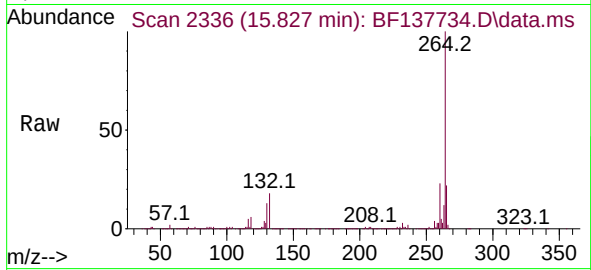
PB160534BSD

Tgt Ion:264 Resp: 53066
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.7 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 56.805 ng

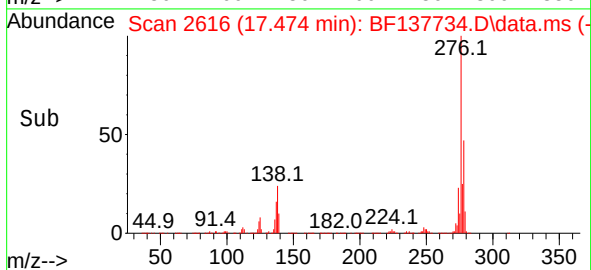
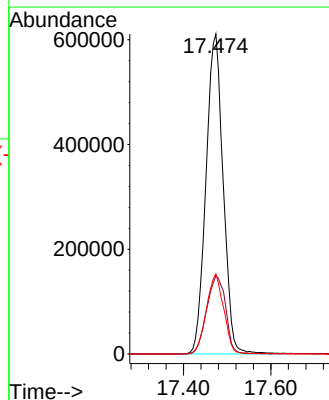
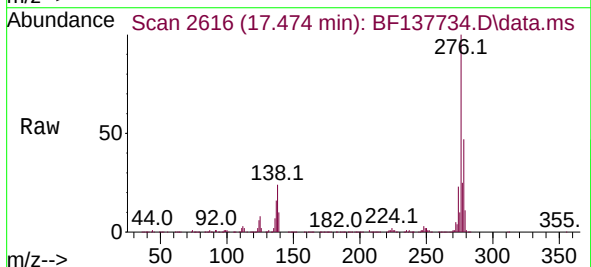
RT: 17.474 min Scan# 2616

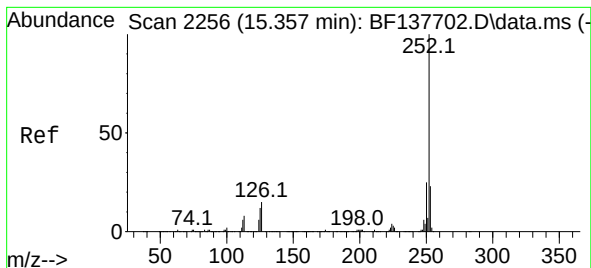
Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

Tgt Ion:276 Resp: 1671450
 Ion Ratio Lower Upper
 276 100
 138 26.9 22.3 33.5
 277 25.2 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 47.940 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF137734.D

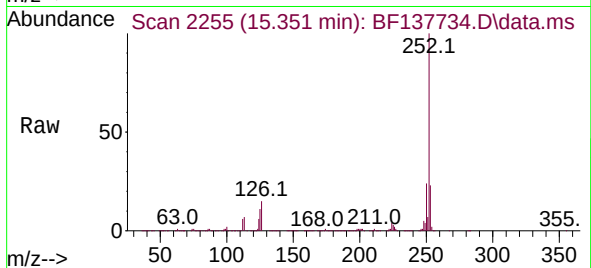
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD



Tgt Ion:252 Resp: 1627962

Ion Ratio Lower Upper

252 100

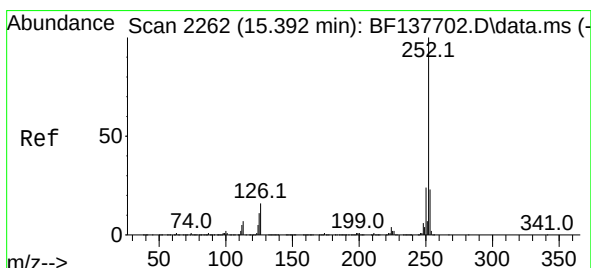
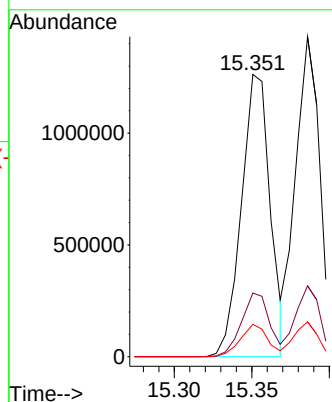
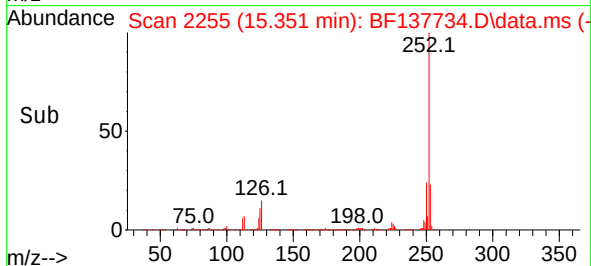
253 22.6 18.1 27.1

125 11.5 9.2 13.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#89

Benzo(k)fluoranthene

Concen: 47.498 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

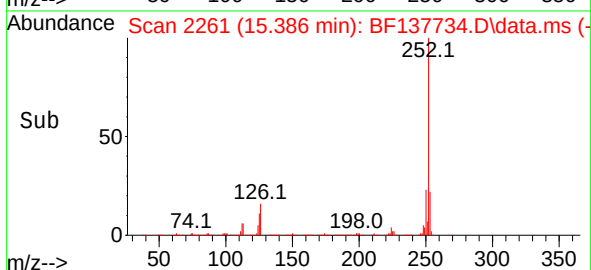
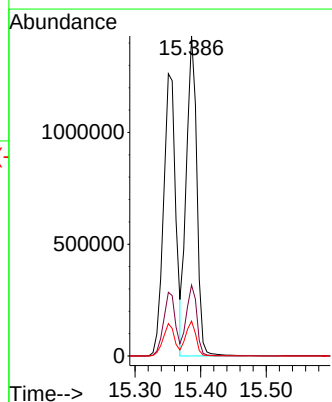
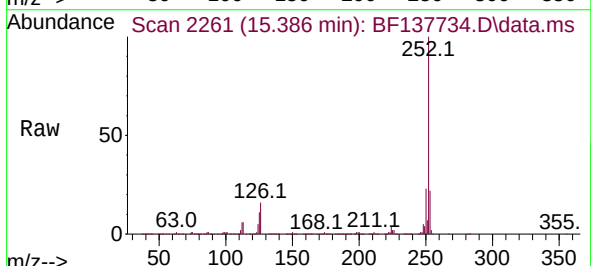
Tgt Ion:252 Resp: 1585492

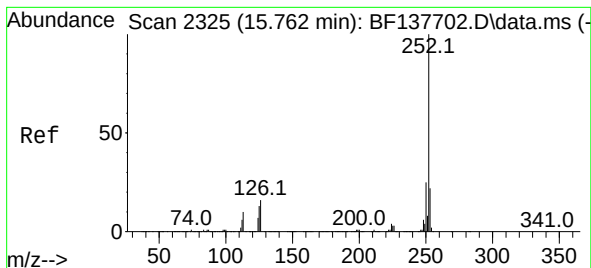
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 10.9 9.0 13.6





#90

Benzo(a)pyrene

Concen: 45.543 ng

RT: 15.762 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BF137734.D

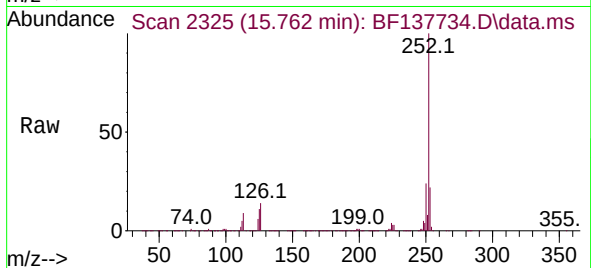
Acq: 26 Apr 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB160534BSD



Tgt Ion:252 Resp: 138735

Ion Ratio Lower Upper

252 100

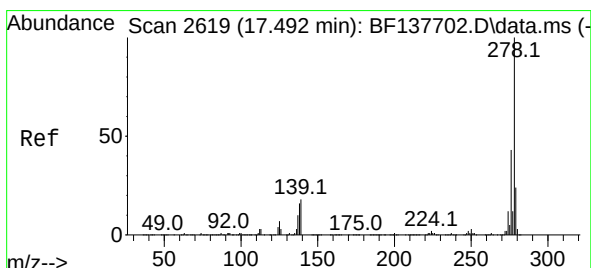
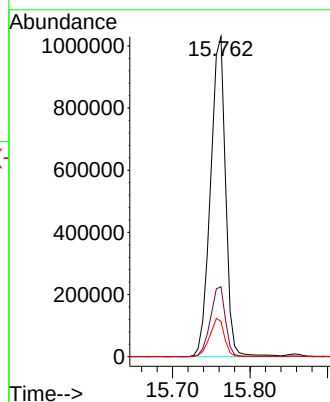
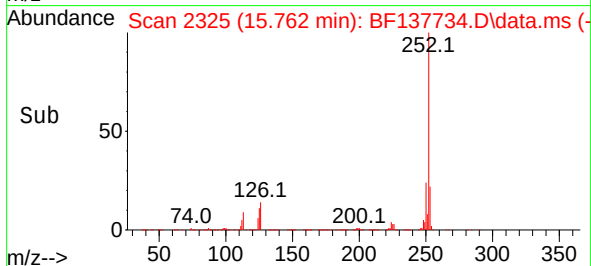
253 21.8 17.9 26.9

125 11.1 10.2 15.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#91

Dibenzo(a,h)anthracene

Concen: 56.725 ng

RT: 17.492 min Scan# 2619

Delta R.T. -0.000 min

Lab File: BF137734.D

Acq: 26 Apr 2024 14:25

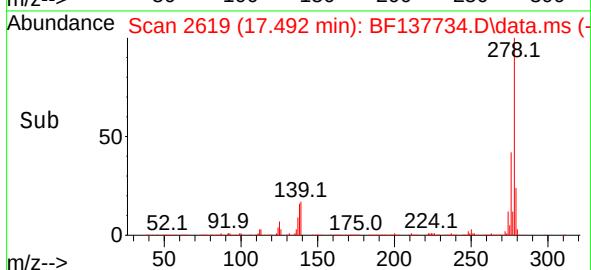
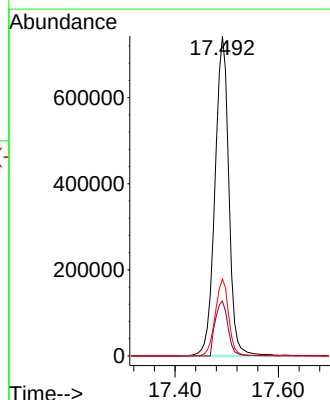
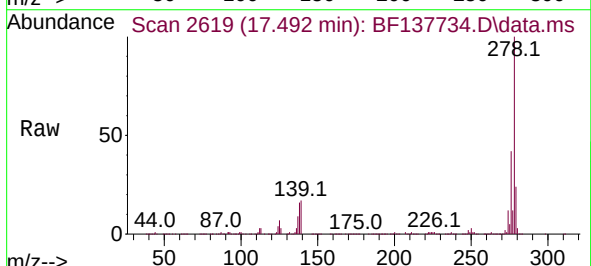
Tgt Ion:278 Resp: 1385106

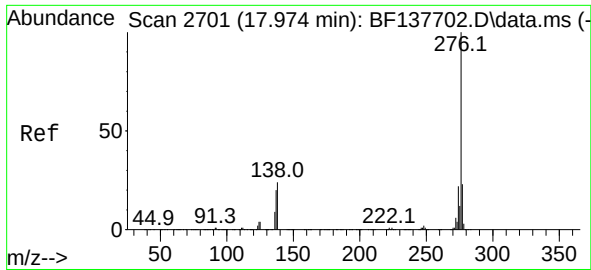
Ion Ratio Lower Upper

278 100

139 17.2 14.7 22.1

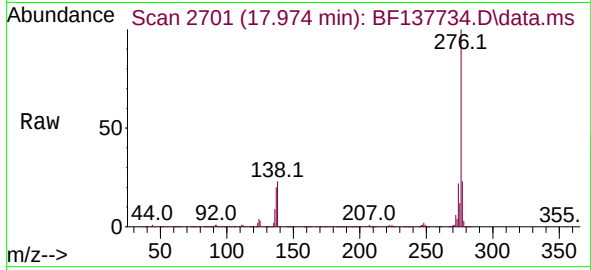
279 24.1 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 57.247 ng
 RT: 17.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137734.D
 Acq: 26 Apr 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB160534BSD



Tgt Ion:276 Resp: 1359259
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.5 27.7
 138 22.9 19.5 29.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

