

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135473.D
 Acq On : 27 Sep 2023 15:30
 Operator : CG\JU
 Sample : 04531-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

Quant Time: Sep 28 01:47:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	185713	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	689236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	318668	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	523998	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	273196	20.000	ng	0.00
86) Perylene-d12	15.416	264	377078	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1363365	119.401	ng	0.03
7) Phenol-d6	6.416	99	1597401	110.021	ng	0.01
23) Nitrobenzene-d5	7.328	82	1186896	93.558	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	345848	109.211	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1849708	87.574	ng	0.00
79) Terphenyl-d14	12.886	244	1402675	79.592	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	243020	48.550	ng	# 79
3) Pyridine	3.416	79	549031	40.754	ng	95
4) n-Nitrosodimethylamine	3.352	42	371827	52.011	ng	93
6) Aniline	6.428	93	367765	19.316	ng	# 1
8) 2-Chlorophenol	6.551	128	601289	49.330	ng	97
9) Benzaldehyde	6.316	77	50816	6.144	ng	96
10) Phenol	6.428	94	619453	38.909	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	626707	52.478	ng	99
12) 1,3-Dichlorobenzene	6.698	146	596018	48.114	ng	99
13) 1,4-Dichlorobenzene	6.775	146	606510	48.123	ng	98
14) 1,2-Dichlorobenzene	6.922	146	565665	48.330	ng	99
15) Benzyl Alcohol	6.910	79	489094	46.944	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1093152	48.563	ng	69
17) 2-Methylphenol	7.028	107	468486	43.554	ng	# 90
18) Hexachloroethane	7.263	117	232924	50.018	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	381044	42.371	ng	96
20) 3+4-Methylphenols	7.181	107	527391	40.775	ng	# 81
22) Acetophenone	7.169	105	761790	48.344	ng	# 92
24) Nitrobenzene	7.345	77	621038	49.528	ng	99
25) Isophorone	7.587	82	1170071	50.228	ng	99
26) 2-Nitrophenol	7.657	139	314657	52.285	ng	98
27) 2,4-Dimethylphenol	7.704	122	470906	46.552	ng	94
28) bis(2-Chloroethoxy)met...	7.793	93	732292	52.521	ng	100
29) 2,4-Dichlorophenol	7.904	162	460554	49.135	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	489568	49.970	ng	99
31) Naphthalene	8.057	128	1621596	48.423	ng	99
32) Benzoic acid	7.851	122	349950	45.942	ng	100
33) 4-Chloroaniline	8.110	127	177724	12.096	ng	98
34) Hexachlorobutadiene	8.169	225	277984	47.056	ng	99
35) Caprolactam	8.498	113	117585m	37.378	ng	
36) 4-Chloro-3-methylphenol	8.616	107	490668	47.099	ng	96
37) 2-Methylnaphthalene	8.751	142	1001706	44.500	ng	99
38) 1-Methylnaphthalene	8.851	142	951396	45.143	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	466343	50.513	ng	99
41) Hexachlorocyclopentadiene	8.898	237	281684	70.238	ng	96
43) 2,4,6-Trichlorophenol	9.039	196	297252	49.176	ng	99

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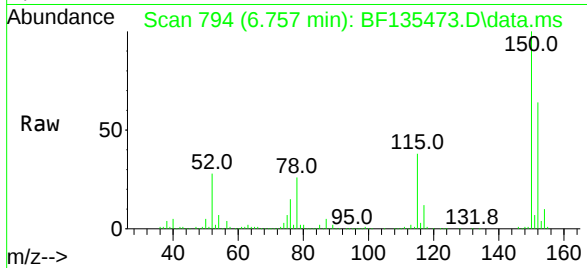
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	330656	47.501	ng	97
46) 1,1'-Biphenyl	9.216	154	1219760	49.808	ng	97
47) 2-Chloronaphthalene	9.245	162	914291	51.456	ng	99
48) 2-Nitroaniline	9.351	65	355195	51.456	ng	94
49) Acenaphthylene	9.657	152	1448081	49.038	ng	99
50) Dimethylphthalate	9.528	163	1068678	49.602	ng	100
51) 2,6-Dinitrotoluene	9.592	165	235705	49.939	ng	94
52) Acenaphthene	9.828	154	849731	48.711	ng	97
53) 3-Nitroaniline	9.763	138	141132	25.474	ng	91
54) 2,4-Dinitrophenol	9.881	184	229752	85.298	ng	95
55) Dibenzofuran	10.004	168	1172136	44.032	ng	99
56) 4-Nitrophenol	9.945	139	250307	71.087	ng	97
57) 2,4-Dinitrotoluene	10.004	165	252245	42.690	ng	# 83
58) Fluorene	10.351	166	934081	45.644	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	253713	47.381	ng	99
60) Diethylphthalate	10.228	149	1008022	46.619	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	425325	43.266	ng	97
62) 4-Nitroaniline	10.381	138	227335	42.687	ng	96
63) Azobenzene	10.504	77	1051439	49.686	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	145862	52.410	ng	93
66) n-Nitrosodiphenylamine	10.463	169	865191	54.538	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	271874	52.168	ng	92
68) Hexachlorobenzene	10.898	284	280523	52.835	ng	# 93
69) Atrazine	10.998	200	245799	57.584	ng	99
70) Pentachlorophenol	11.098	266	263030	82.803	ng	98
71) Phenanthrene	11.316	178	1266823	51.117	ng	99
72) Anthracene	11.369	178	1289192	50.608	ng	100
73) Carbazole	11.528	167	1173049	50.585	ng	99
74) Di-n-butylphthalate	11.857	149	1429051	52.297	ng	100
75) Fluoranthene	12.510	202	1191890	46.155	ng	99
77) Benzidine	12.633	184	161768	28.903	ng	99
78) Pyrene	12.739	202	1191239	45.799	ng	99
80) Butylbenzylphthalate	13.363	149	491600	53.681	ng	98
81) Benzo(a)anthracene	13.933	228	920190	52.162	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	223917	40.637	ng	# 97
83) Chrysene	13.974	228	906236	51.669	ng	100
84) Bis(2-ethylhexyl)phtha...	13.922	149	600860	63.938	ng	# 98
85) Di-n-octyl phthalate	14.545	149	1119958	74.991	ng	100
87) Indeno(1,2,3-cd)pyrene	16.910	276	1123915	45.459	ng	96
88) Benzo(b)fluoranthene	14.992	252	1034896m	50.699	ng	
89) Benzo(k)fluoranthene	15.021	252	940883	46.662	ng	99
90) Benzo(a)pyrene	15.357	252	945214	48.557	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	914541	45.209	ng	99
92) Benzo(g,h,i)perylene	17.357	276	874786	41.406	ng	# 95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

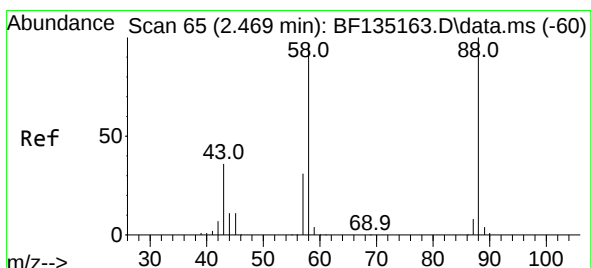
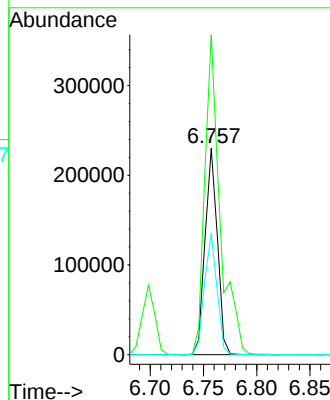
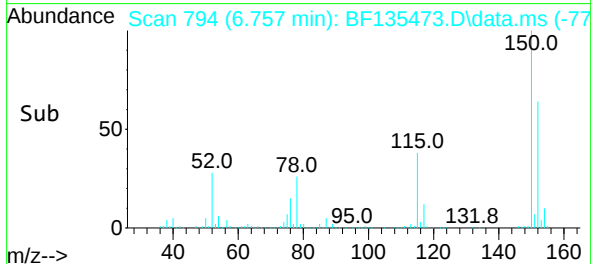
Instrument :
 BNA_F
 Client SampleId :
 TP-BCDMS



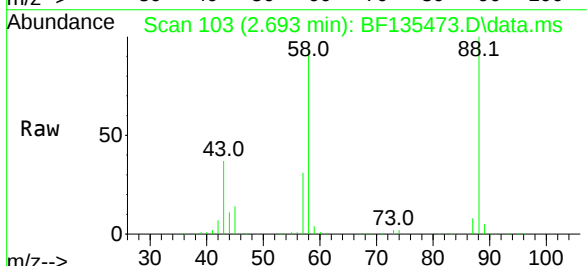
Tgt Ion: 152 Resp: 18571
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.8 191.6
 115 58.5 49.8 74.8

Manual Integrations
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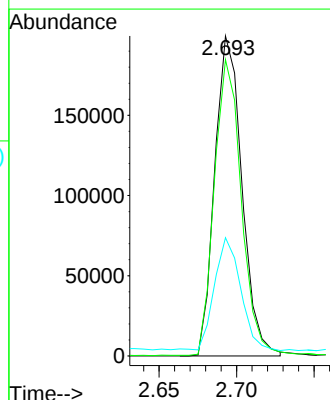
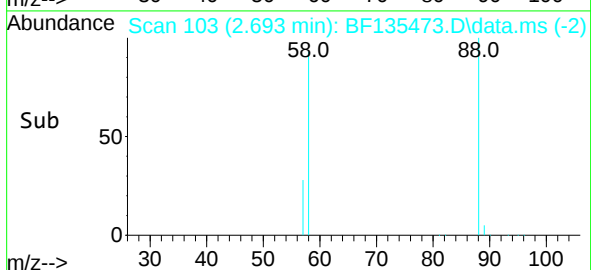
Reviewed By :Yogesh Patel 09/28/2023
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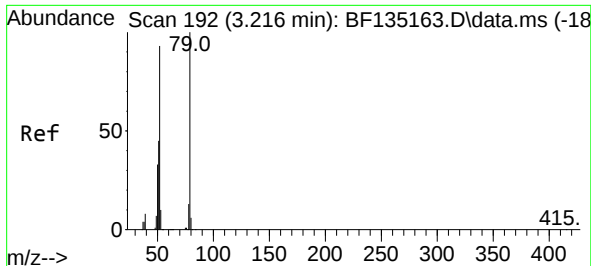


#2
 1,4-Dioxane
 Concen: 48.550 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.241 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30



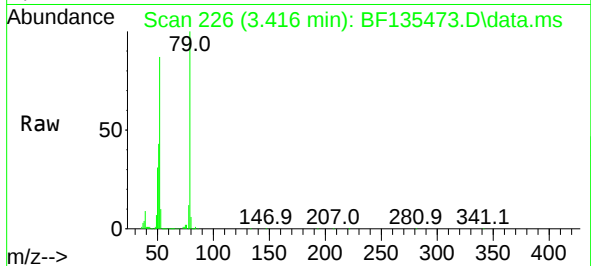
Tgt Ion: 88 Resp: 243020
 Ion Ratio Lower Upper
 88 100
 58 91.8 78.3 117.5
 43 0.0 29.4 44.0#





#3
Pyridine
Concen: 40.754 ng
RT: 3.416 min Scan# 215
Delta R.T. 0.218 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

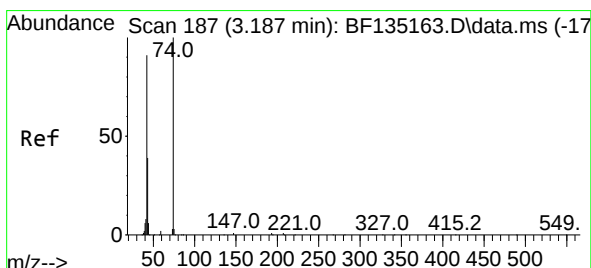
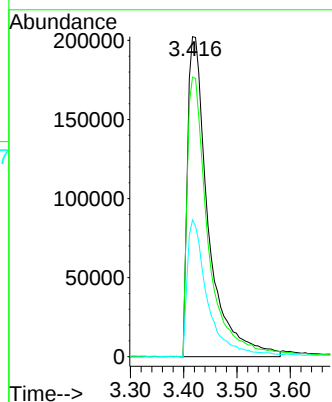
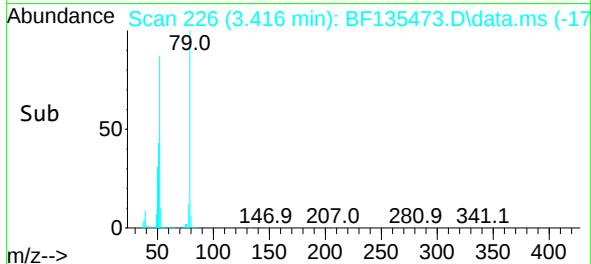
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



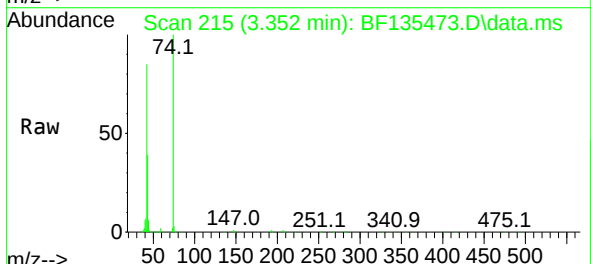
Tgt Ion: 79 Resp: 54903
Ion Ratio Lower Upper
79 100
52 87.3 74.1 111.1
51 42.8 35.8 53.8

Manual Integrations
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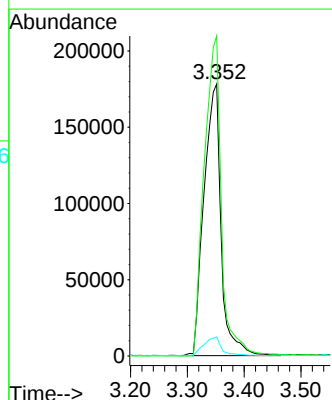
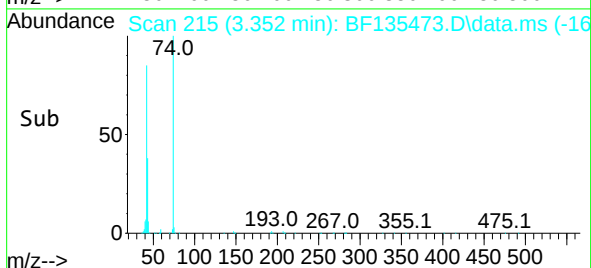
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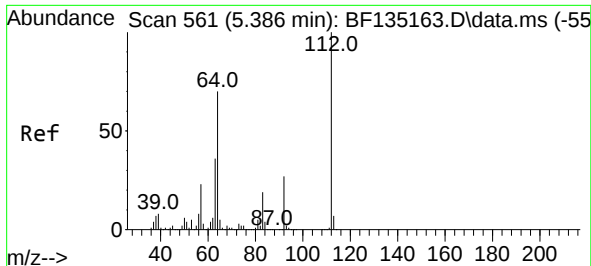


#4
n-Nitrosodimethylamine
Concen: 52.011 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.182 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



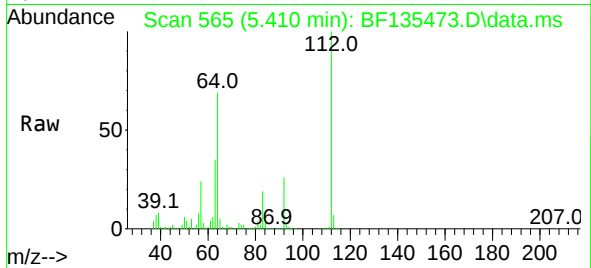
Tgt Ion: 42 Resp: 371827
Ion Ratio Lower Upper
42 100
74 117.7 87.7 131.5
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 119.401 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

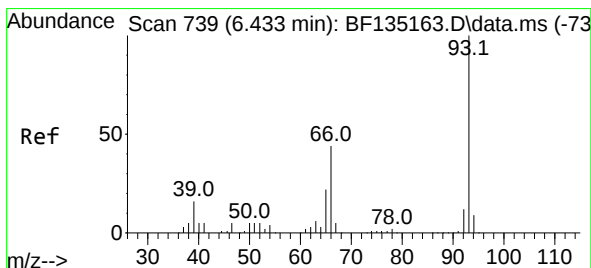
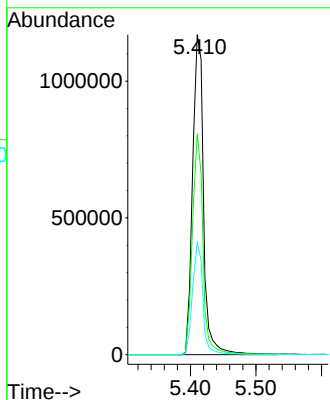
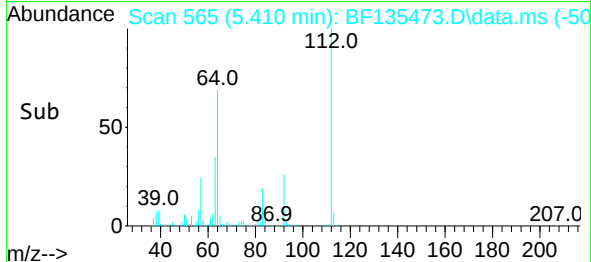
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:112 Resp: 136336
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.0 29.0 43.6

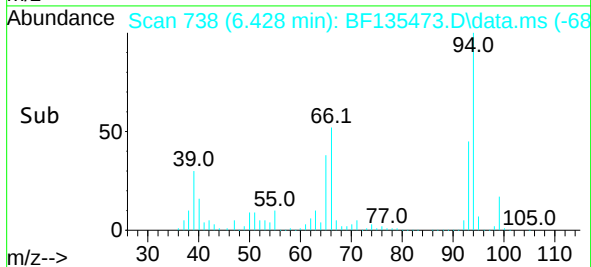
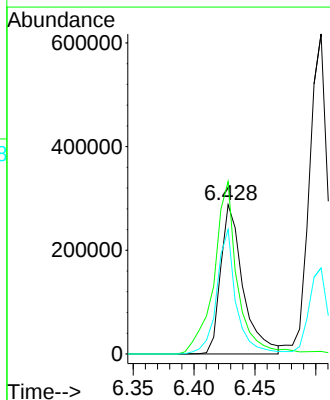
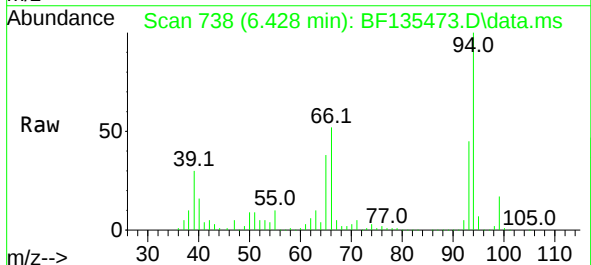
Manual Integrations
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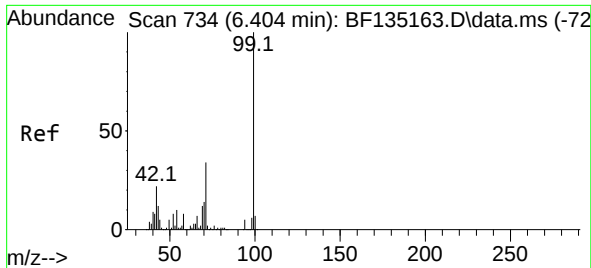
Reviewed By :Yogesh Patel 09/28/2023
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#6
Aniline
Concen: 19.316 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion: 93 Resp: 367765
Ion Ratio Lower Upper
93 100
66 115.4 35.4 53.0#
65 83.4 17.8 26.8#





#7

Phenol-d6

Concen: 110.021 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion: 99 Resp: 159740

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

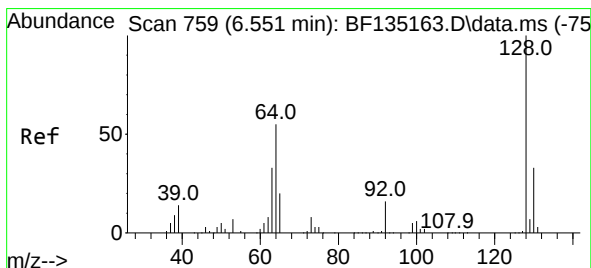
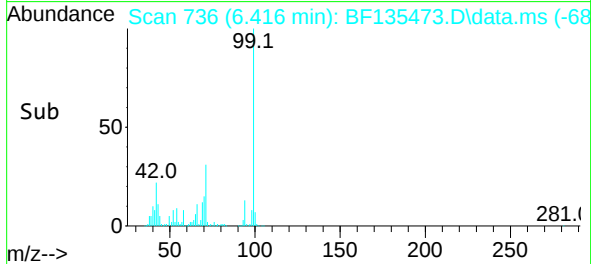
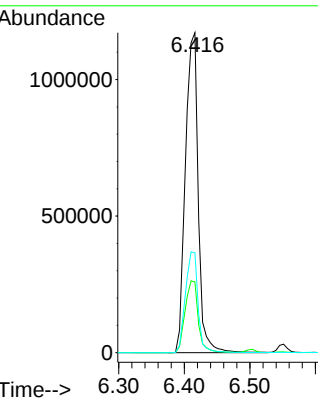
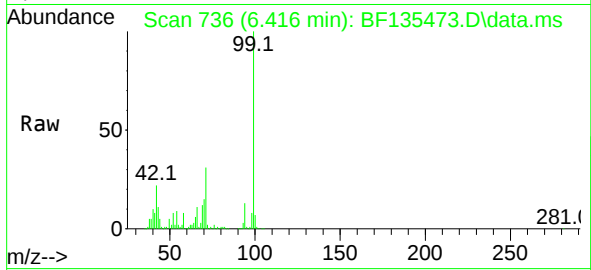
71 31.2 27.0 40.6

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#8

2-Chlorophenol

Concen: 49.330 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

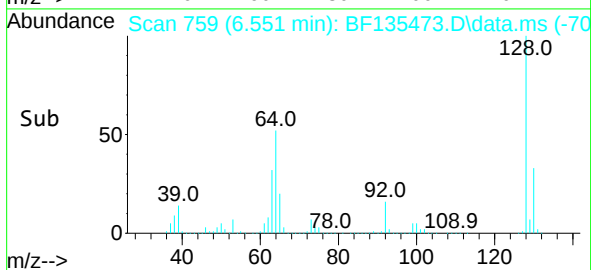
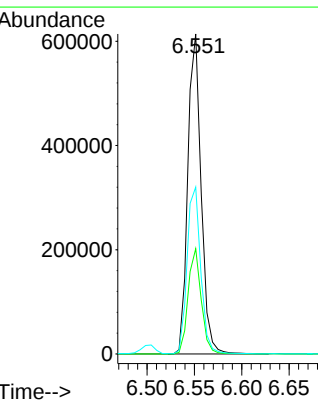
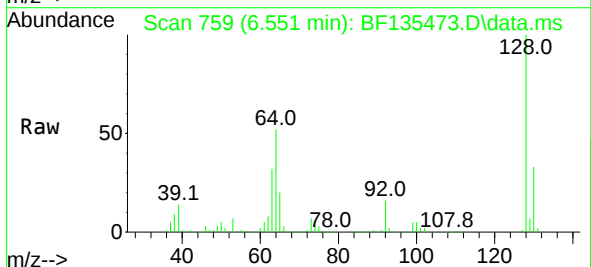
Tgt Ion:128 Resp: 601289

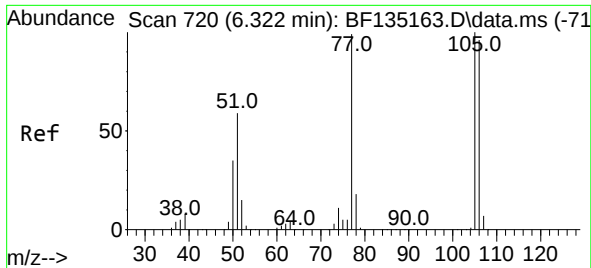
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 52.1 35.9 75.9





#9

Benzaldehyde

Concen: 6.144 ng

RT: 6.316 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion: 77 Resp: 50810

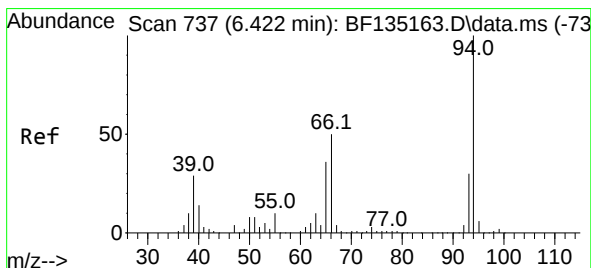
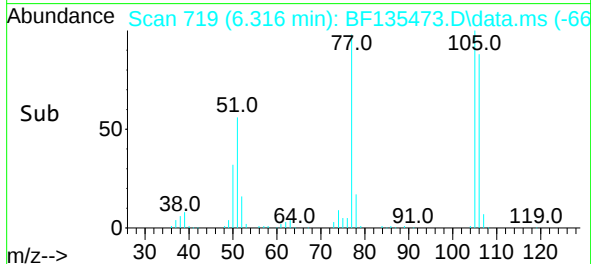
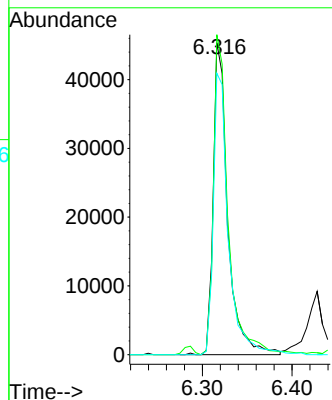
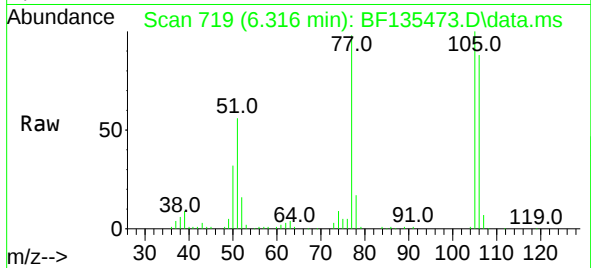
Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.4	121.4
106	90.2	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 38.909 ng

RT: 6.428 min Scan# 738

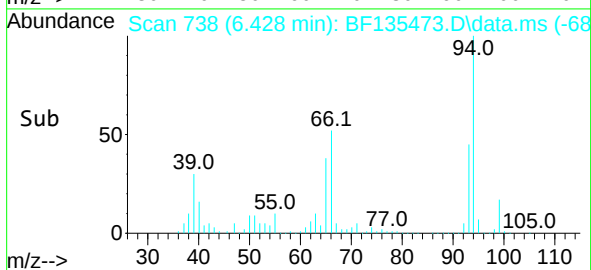
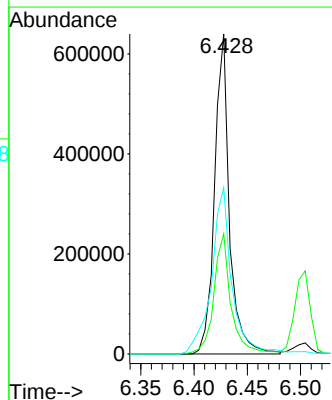
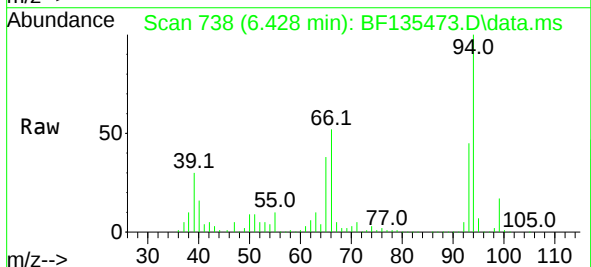
Delta R.T. 0.012 min

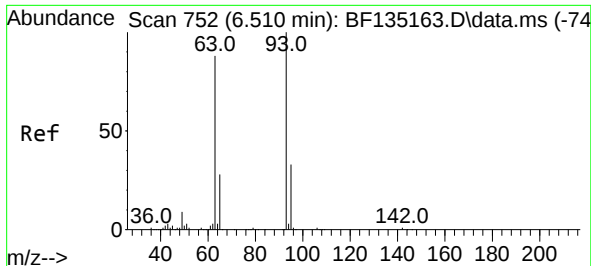
Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion: 94 Resp: 619453

Ion	Ratio	Lower	Upper
94	100		
65	37.5	15.9	55.9
66	52.0	29.8	69.8





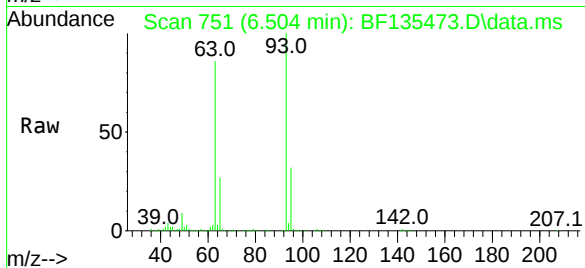
#11
bis(2-Chloroethyl)ether
Concen: 52.478 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

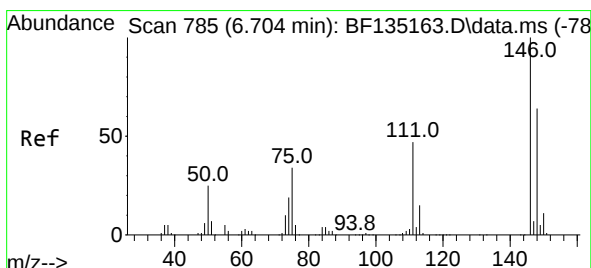
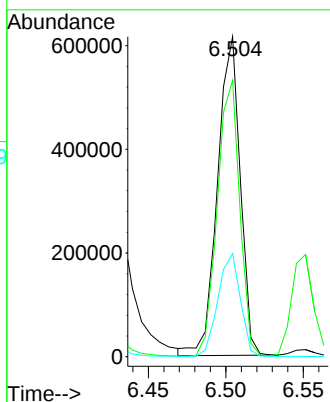
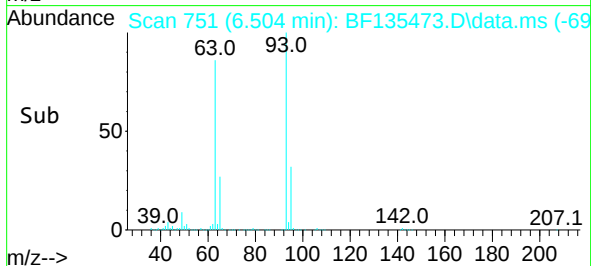
TP-BCDMS



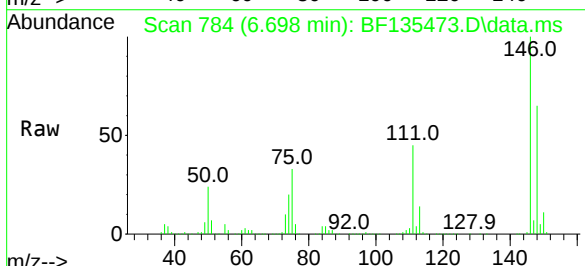
Tgt Ion: 93 Resp: 62670
Ion Ratio Lower Upper
93 100
63 86.3 67.3 107.3
95 32.2 12.7 52.7

Manual Integrations
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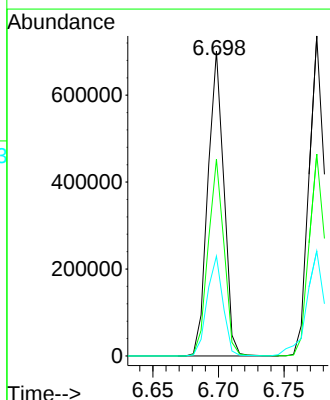
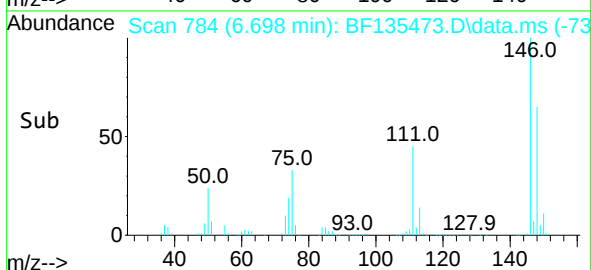
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#12
1,3-Dichlorobenzene
Concen: 48.114 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



Tgt Ion:146 Resp: 596018
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 32.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.123 ng

RT: 6.775 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion:146 Resp: 606510

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

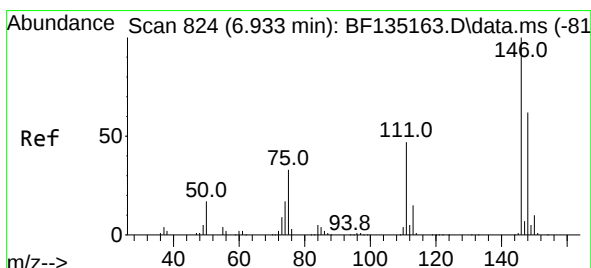
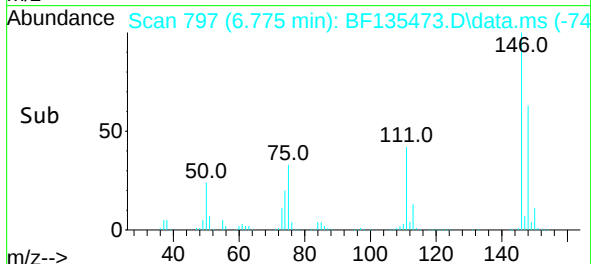
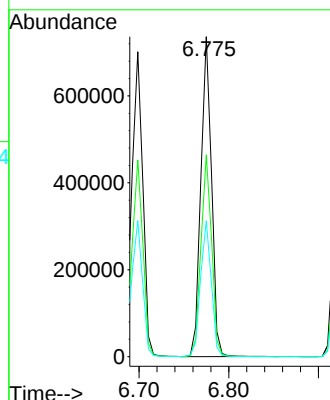
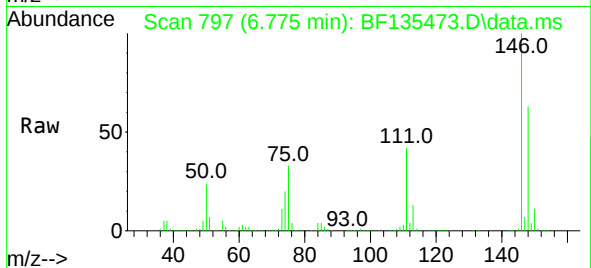
111 42.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#14

1,2-Dichlorobenzene

Concen: 48.330 ng

RT: 6.922 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

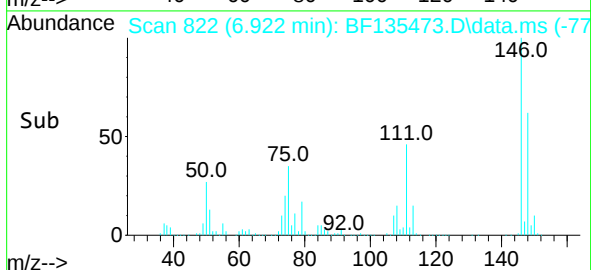
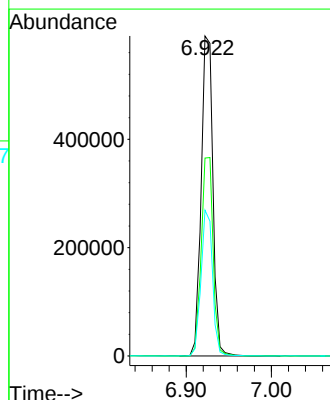
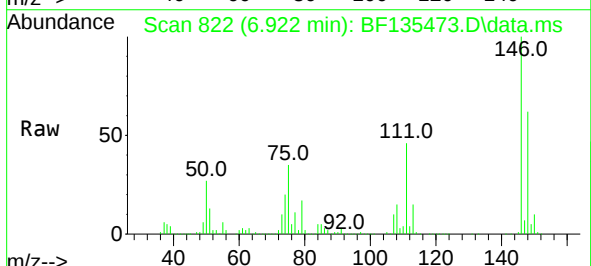
Tgt Ion:146 Resp: 565665

Ion Ratio Lower Upper

146 100

148 61.8 49.7 74.5

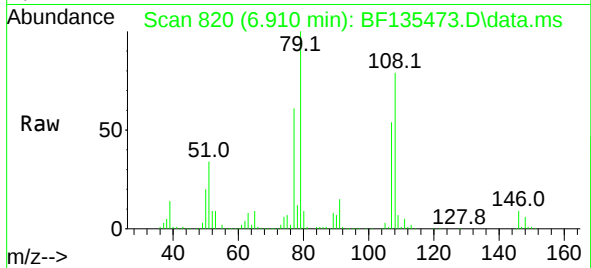
111 45.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 46.944 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

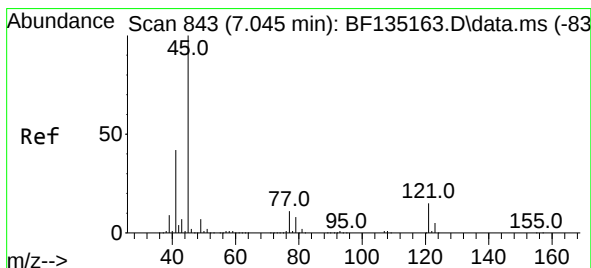
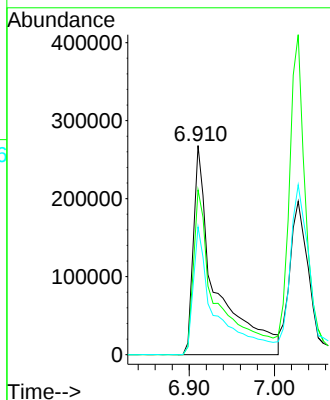
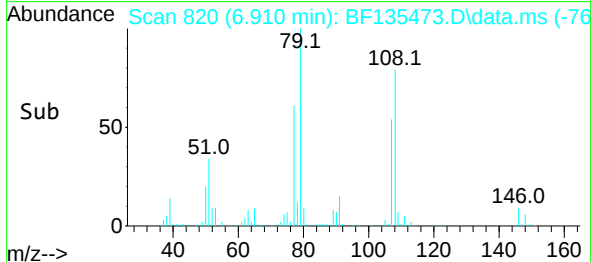
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion: 79 Resp: 489094
Ion Ratio Lower Upper
79 100
108 78.8 61.2 91.8
77 61.1 50.5 75.7

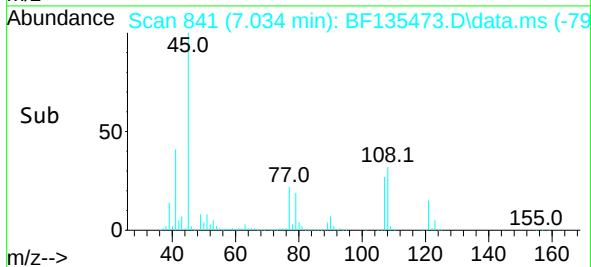
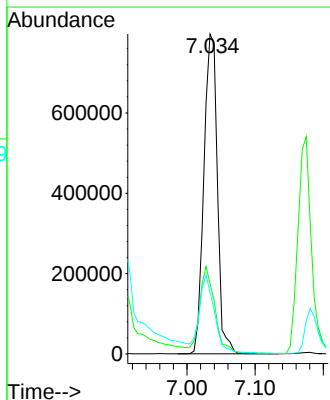
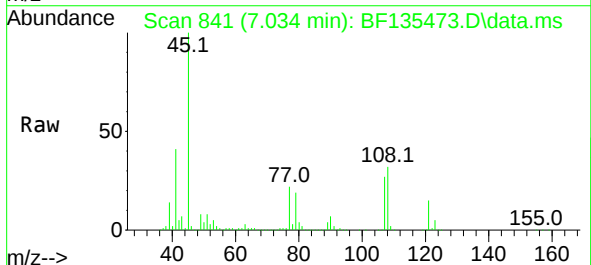
Manual Integrations
APPROVED

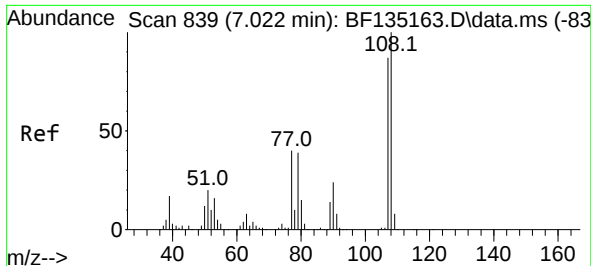
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.563 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

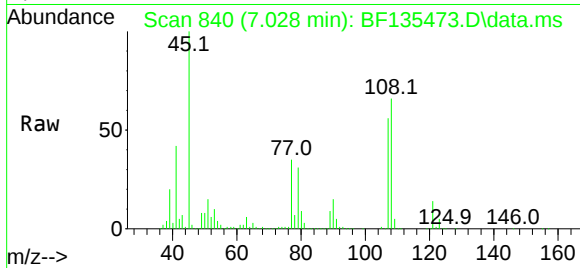
Tgt Ion: 45 Resp: 1093152
Ion Ratio Lower Upper
45 100
77 22.0 0.0 30.6
79 19.3 0.0 28.3





#17
2-Methylphenol
Concen: 43.554 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

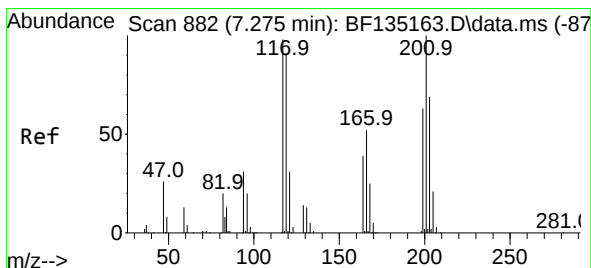
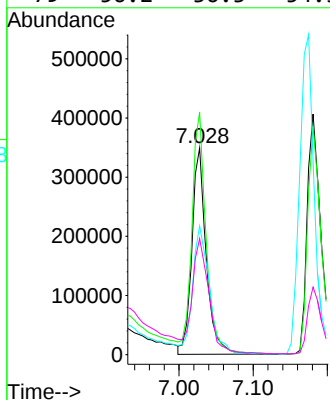
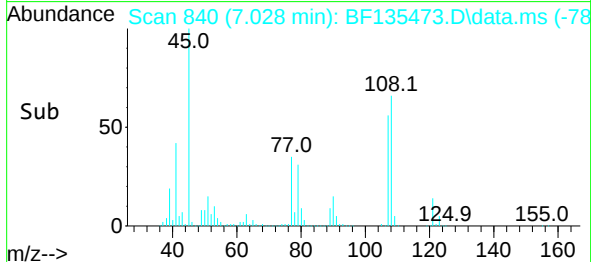
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:107 Resp: 468480
Ion Ratio Lower Upper
107 100
108 117.4 92.0 138.0
77 62.3 36.7 55.1
79 56.2 36.3 54.5#

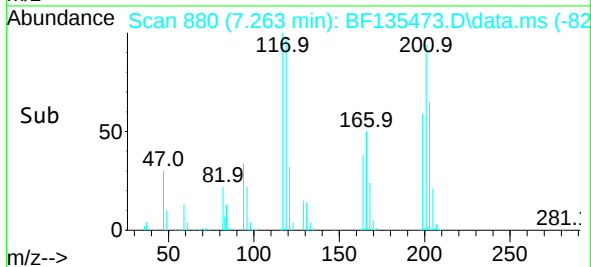
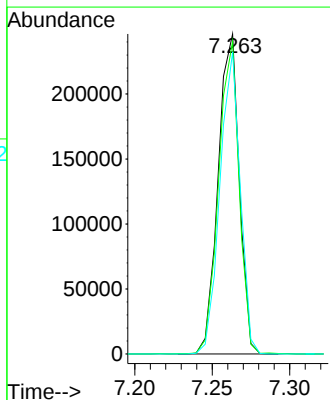
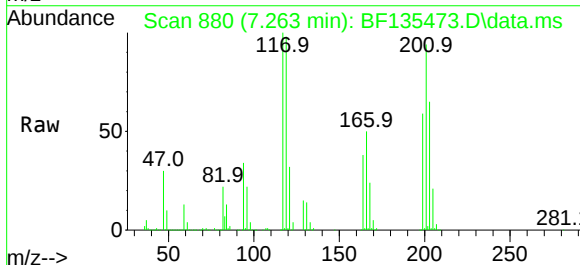
Manual Integrations
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Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#18
Hexachloroethane
Concen: 50.018 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

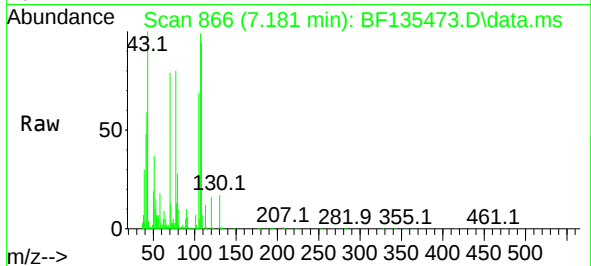
Tgt Ion:117 Resp: 232924
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1
201 94.4 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.371 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

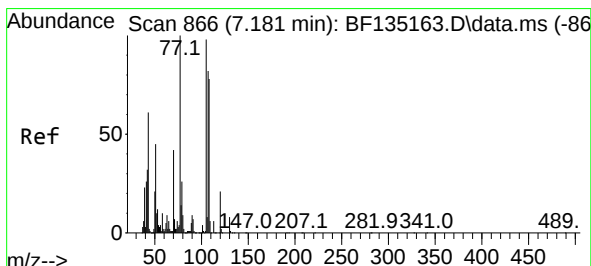
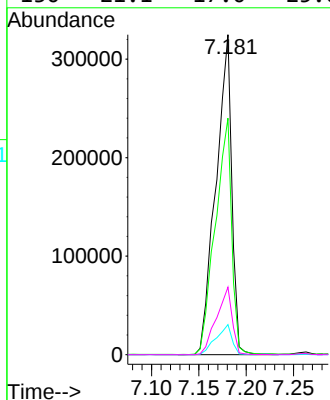
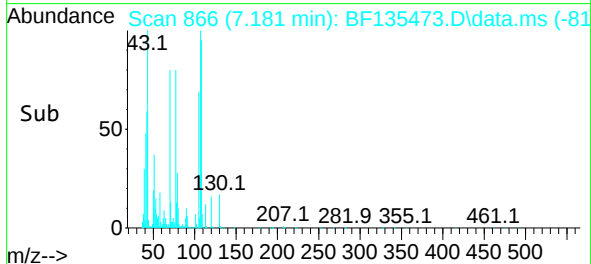
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion: 70 Resp: 381044
Ion Ratio Lower Upper
70 100
42 73.9 55.4 83.0
101 9.4 7.7 11.5
130 21.1 17.0 25.6

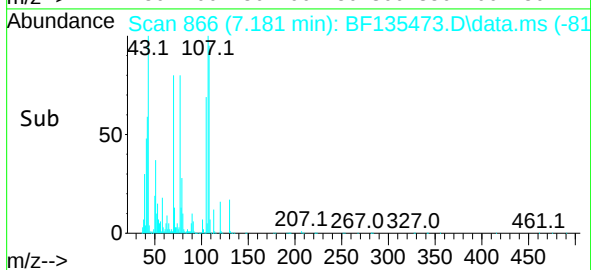
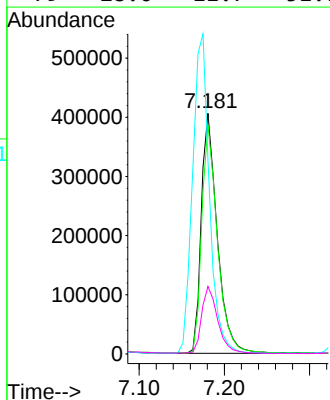
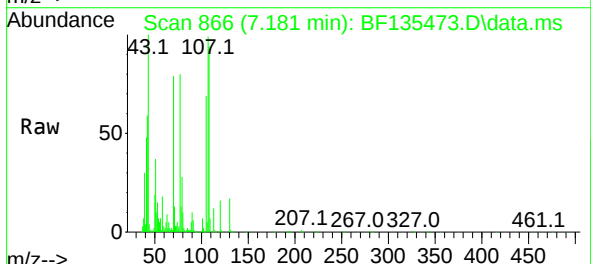
Manual Integrations
APPROVED

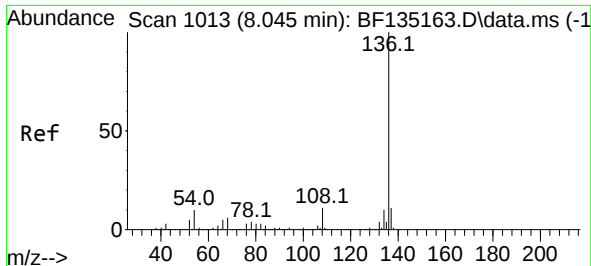
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#20
3+4-Methylphenols
Concen: 40.775 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:107 Resp: 527391
Ion Ratio Lower Upper
107 100
108 94.9 74.7 114.7
77 80.4 102.0 142.0#
79 28.0 11.7 51.7





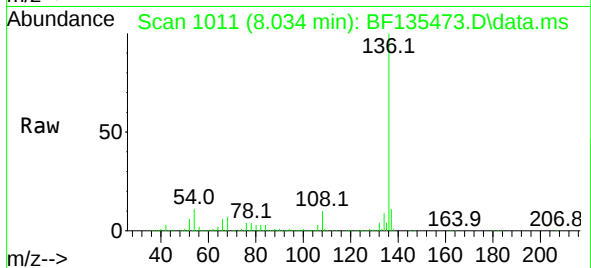
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

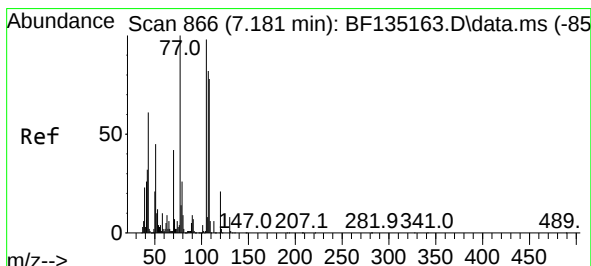
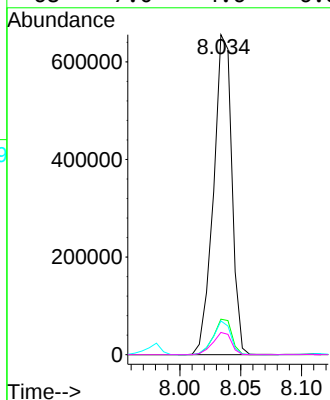
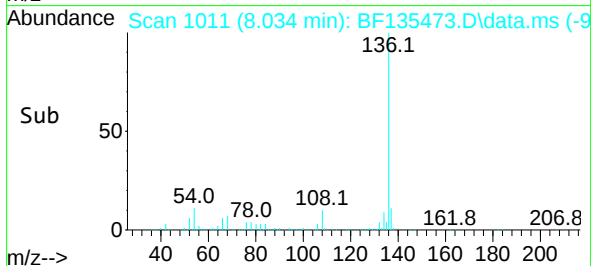


Tgt Ion:136 Resp: 689230
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 7.7 11.5
68 7.0 4.6 6.8#

Manual Integrations

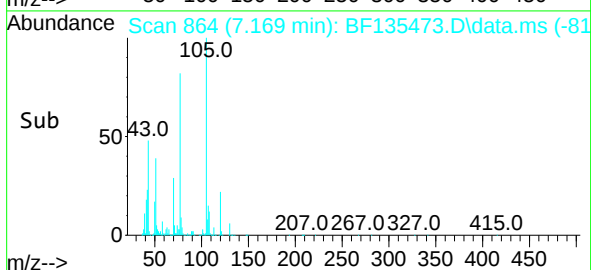
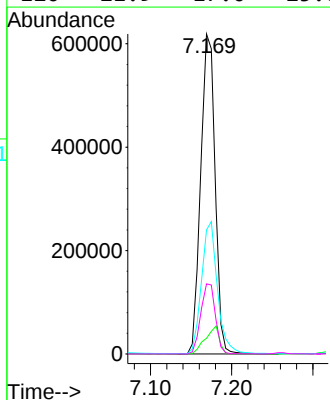
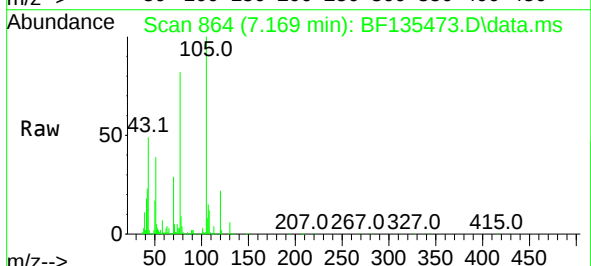
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Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#22
Acetophenone
Concen: 48.344 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:105 Resp: 761790
Ion Ratio Lower Upper
105 100
71 4.9 5.8 8.6#
51 38.7 37.0 55.4
120 21.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 93.558 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

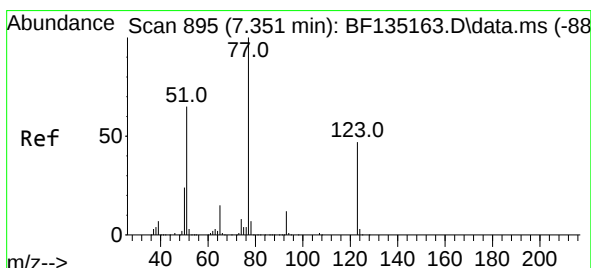
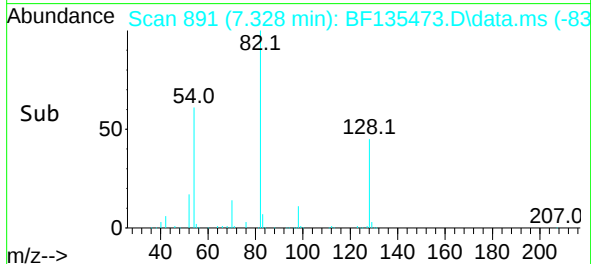
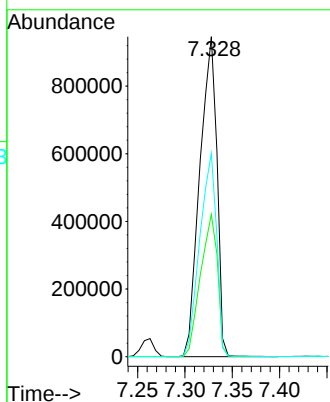
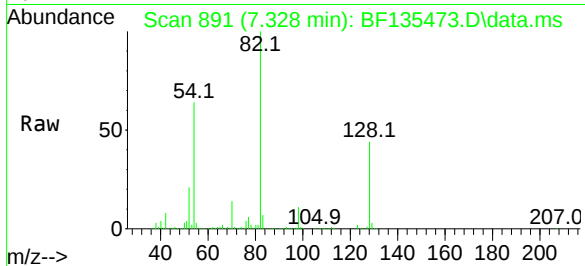
TP-BCDMS

Tgt Ion: 82 Resp: 1186890
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 63.5 50.6 76.0

Manual Integrations

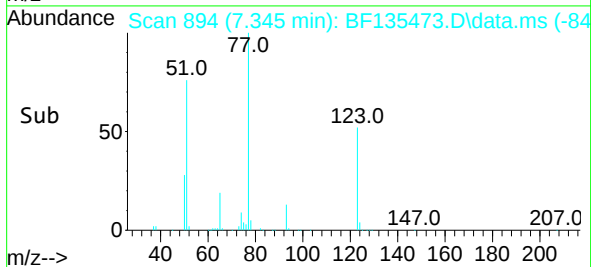
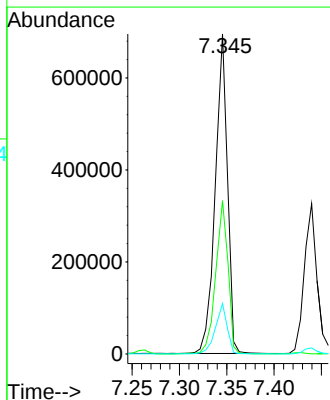
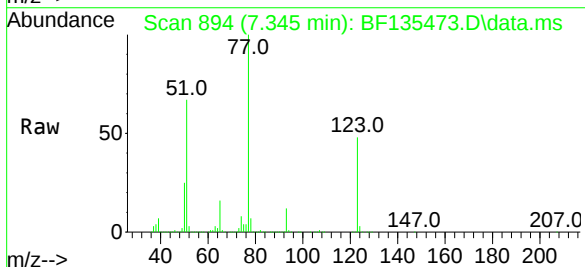
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#24
Nitrobenzene
Concen: 49.528 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

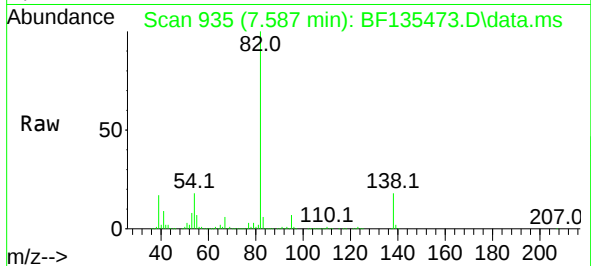
Tgt Ion: 77 Resp: 621038
Ion Ratio Lower Upper
77 100
123 47.9 37.6 56.4
65 15.7 12.2 18.4





#25
Isophorone
Concen: 50.228 ng
RT: 7.587 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

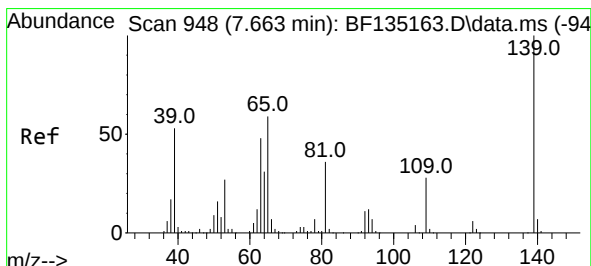
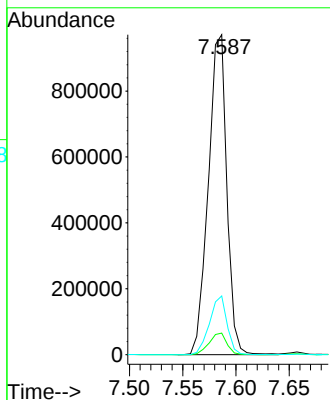
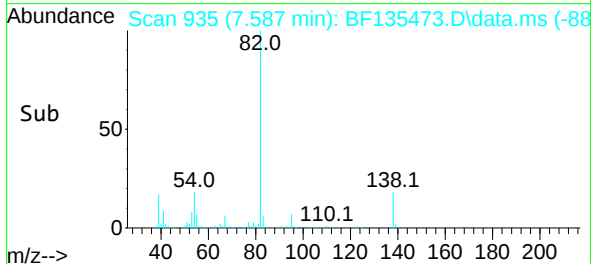
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



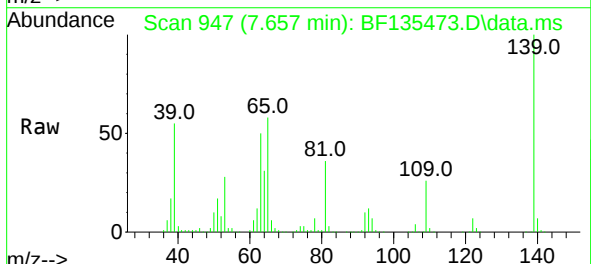
Tgt Ion: 82 Resp: 117007
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 18.3 14.5 21.7

Manual Integrations
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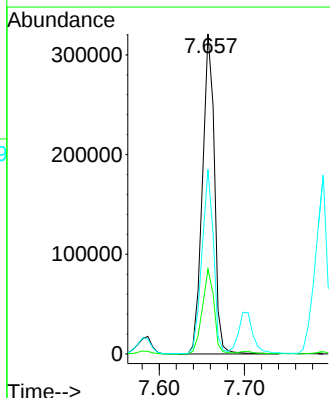
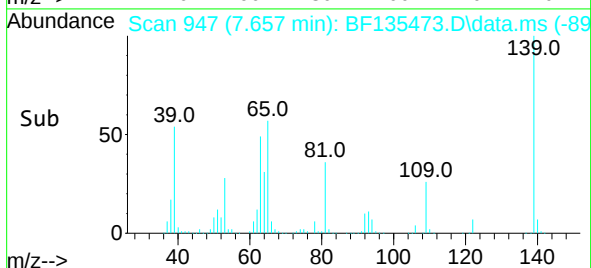
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#26
2-Nitrophenol
Concen: 52.285 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



Tgt Ion:139 Resp: 314657
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 57.6 47.0 70.4





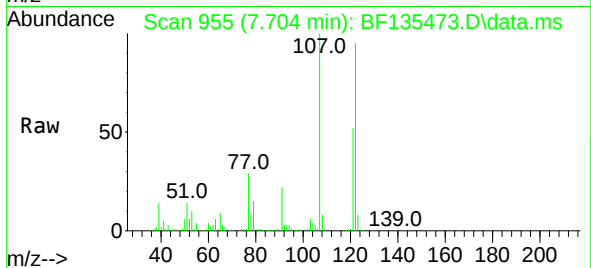
#27
2,4-Dimethylphenol
Concen: 46.552 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

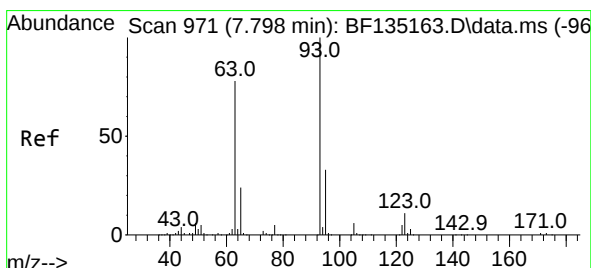
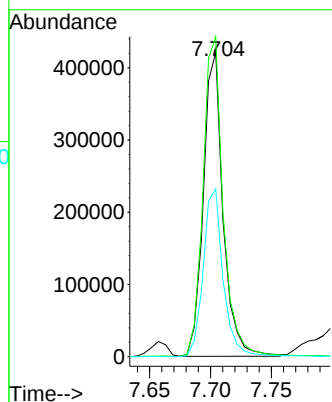
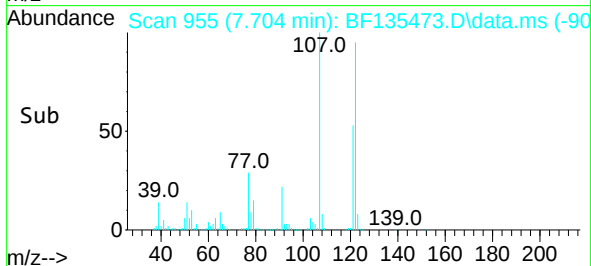


Tgt Ion:122 Resp: 470900
Ion Ratio Lower Upper
122 100
107 105.2 90.2 135.4
121 55.2 46.3 69.5

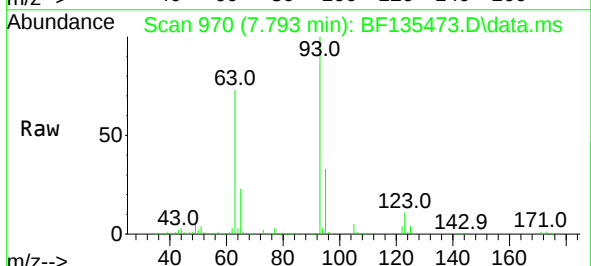
Manual Integrations

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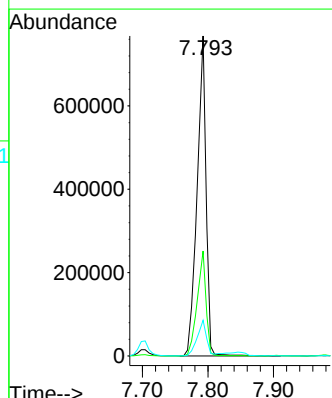
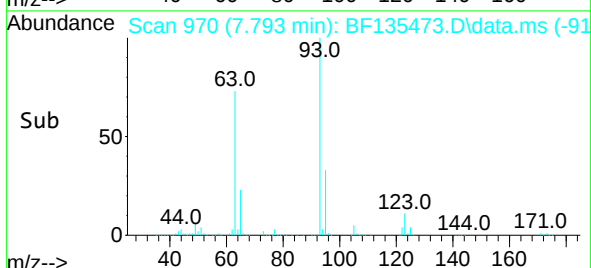
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

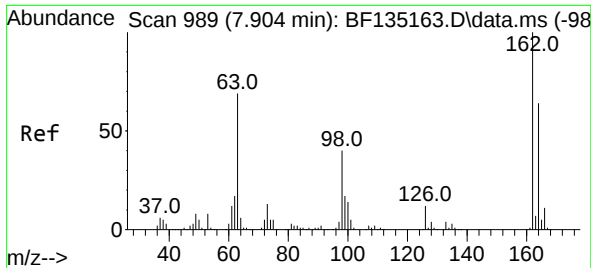


#28
bis(2-Chloroethoxy)methane
Concen: 52.521 ng
RT: 7.793 min Scan# 970
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



Tgt Ion: 93 Resp: 732292
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.135 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

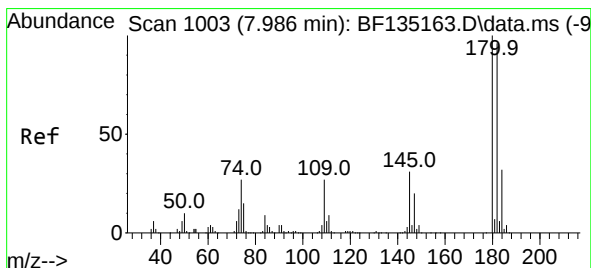
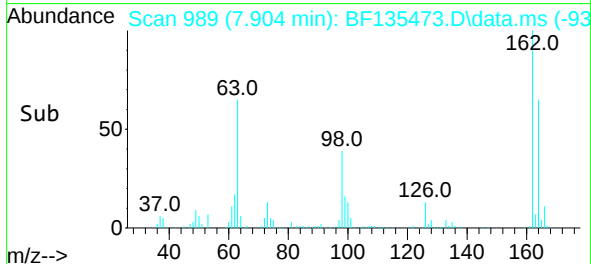
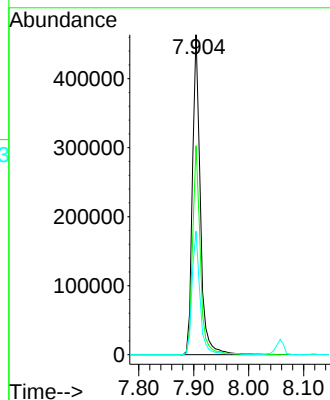
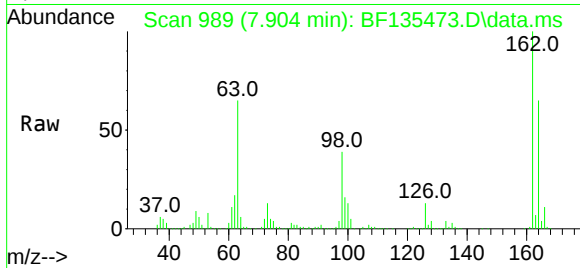
Tgt Ion:162	Resp: 460554
Ion Ratio	Lower Upper
162 100	
164 65.3	44.1 84.1
98 38.6	20.3 60.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.970 ng

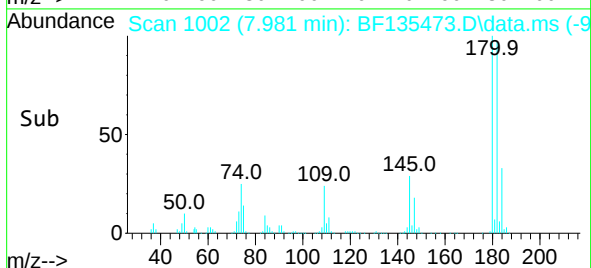
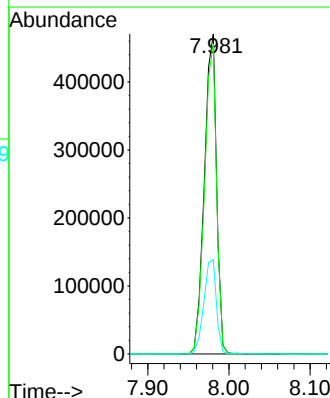
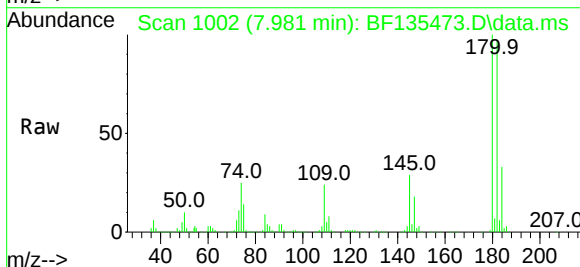
RT: 7.981 min Scan# 1002

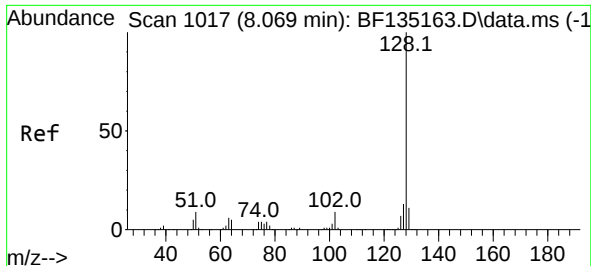
Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

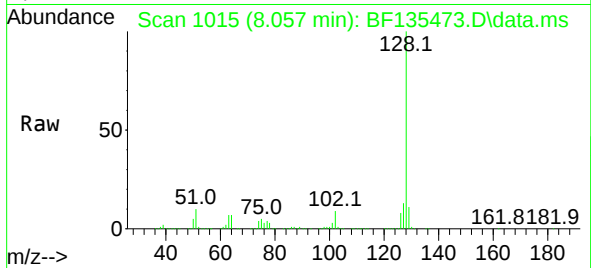
Tgt Ion:180	Resp: 489568
Ion Ratio	Lower Upper
180 100	
182 96.9	76.9 115.3
145 29.5	24.5 36.7





#31
Naphthalene
Concen: 48.423 ng
RT: 8.057 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

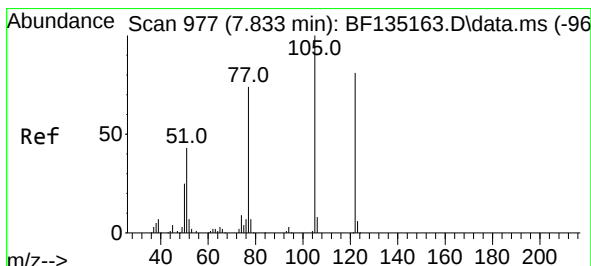
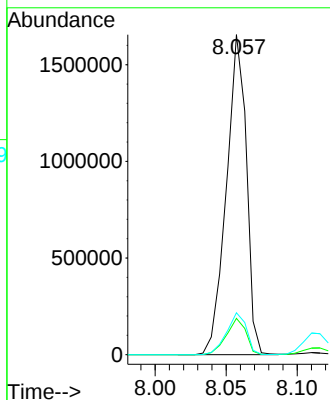
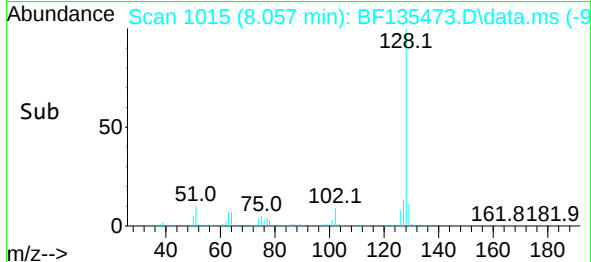
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:128 Resp: 1621590
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.7 16.1

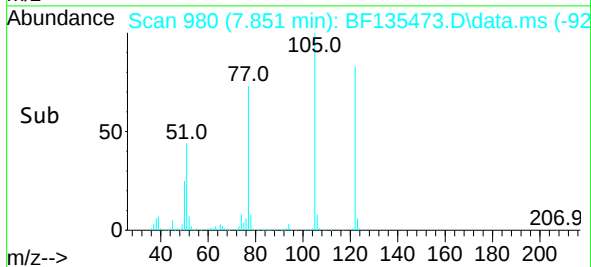
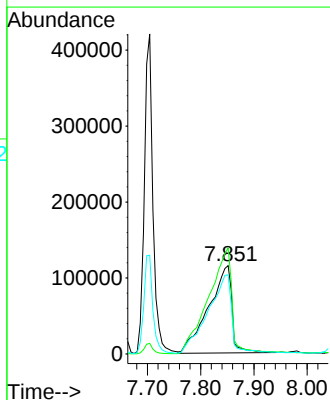
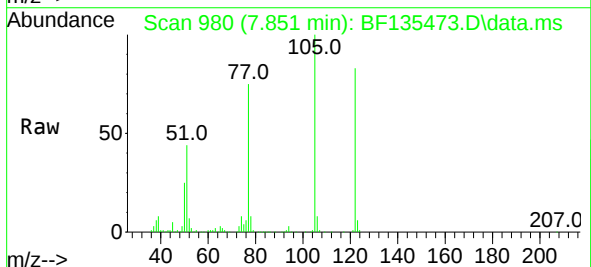
Manual Integrations
APPROVED

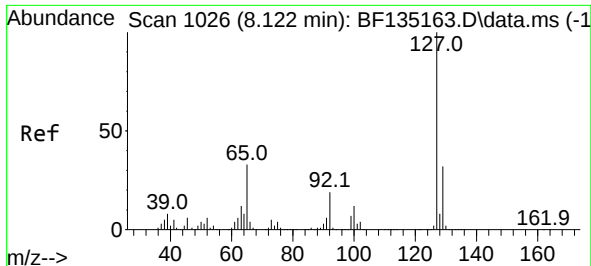
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#32
Benzoic acid
Concen: 45.942 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.024 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:122 Resp: 349950
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 89.6 70.0 110.0





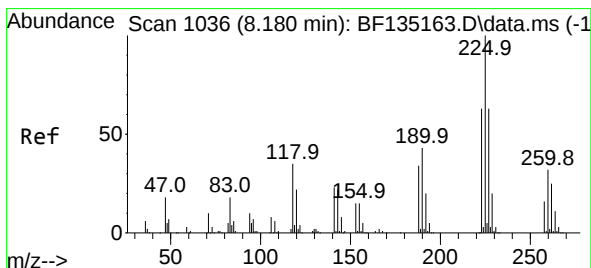
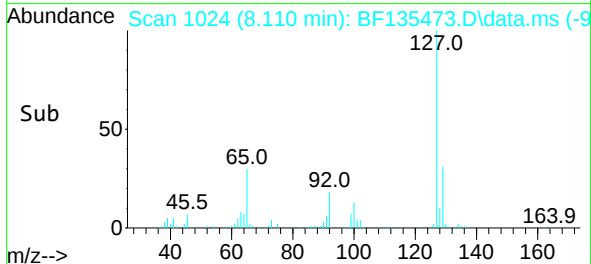
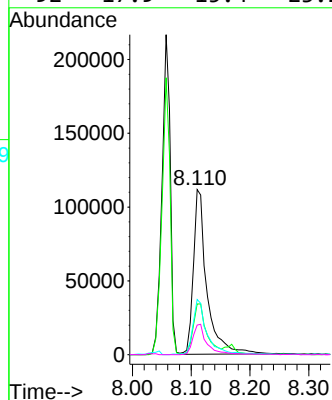
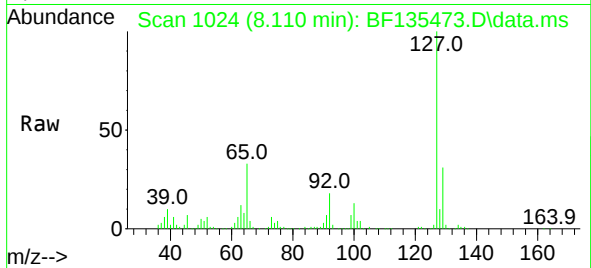
#33
4-Chloroaniline
Concen: 12.096 ng
RT: 8.110 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

Tgt Ion:127	Resp: 177724
Ion Ratio	Lower Upper
127 100	
129 30.7	25.8 38.8
65 33.4	26.6 39.8
92 17.9	15.4 23.2

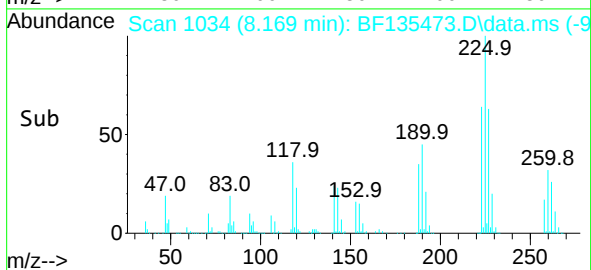
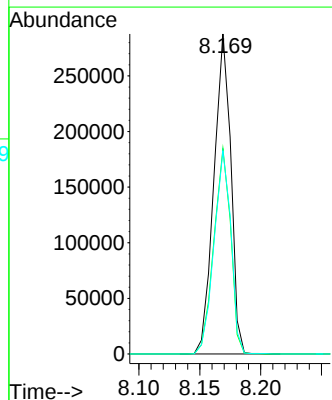
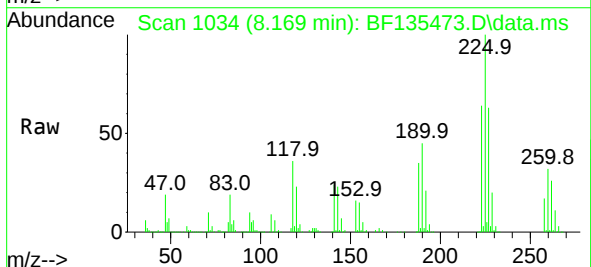
Manual Integrations
APPROVED

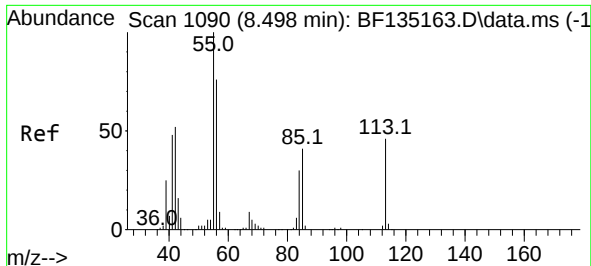
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#34
Hexachlorobutadiene
Concen: 47.056 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

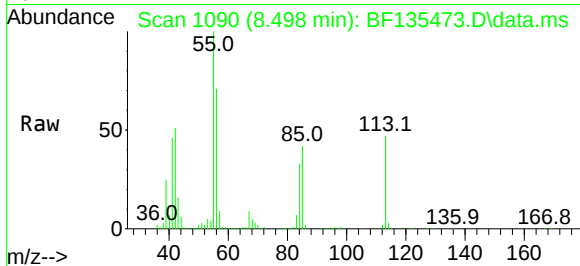
Tgt Ion:225	Resp: 277984
Ion Ratio	Lower Upper
225 100	
223 64.2	50.6 75.8
227 63.5	50.8 76.2





#35
Caprolactam
Concen: 37.378 ng m
RT: 8.498 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

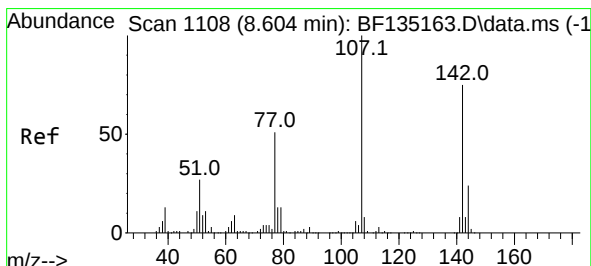
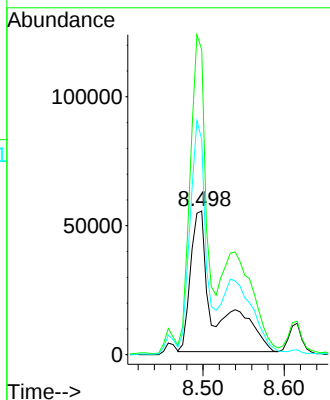
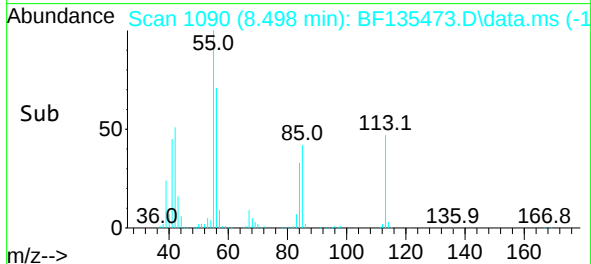
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



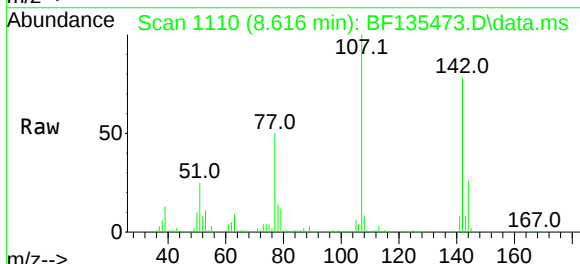
Tgt Ion:113 Resp: 11758
Ion Ratio Lower Upper
113 100
55 212.2 199.3 239.3
56 149.8 146.3 186.3

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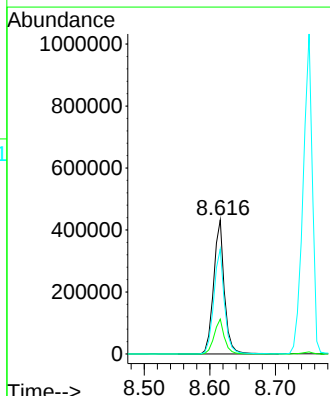
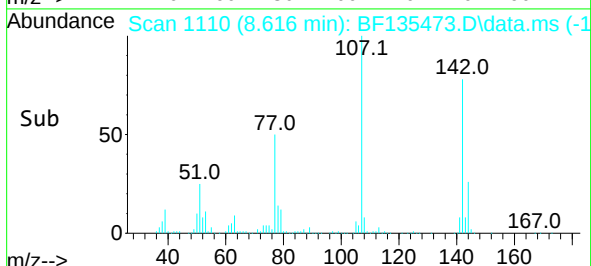
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#36
4-Chloro-3-methylphenol
Concen: 47.099 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



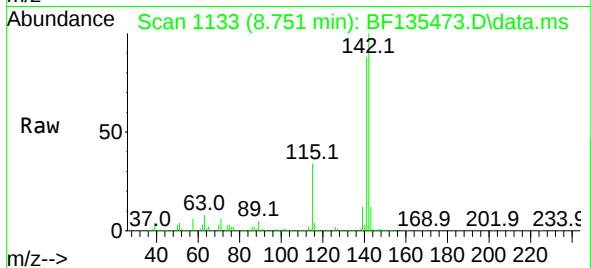
Tgt Ion:107 Resp: 490668
Ion Ratio Lower Upper
107 100
144 26.0 19.0 28.4
142 78.3 60.2 90.2





#37
2-Methylnaphthalene
Concen: 44.500 ng
RT: 8.751 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

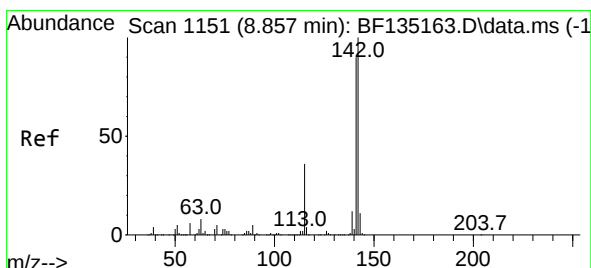
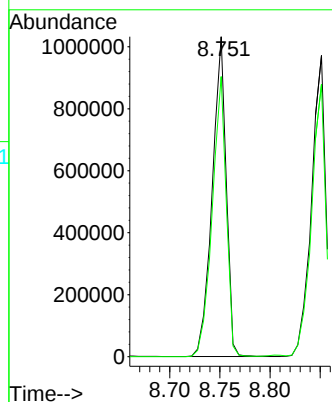
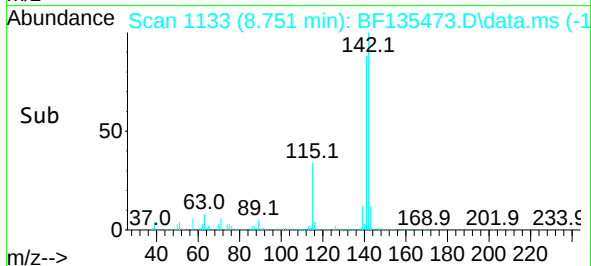
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:142 Resp: 1001700
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6

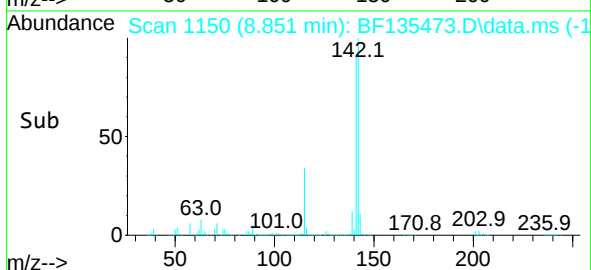
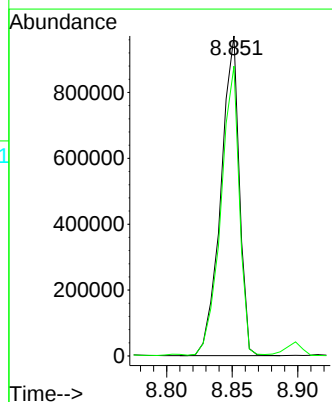
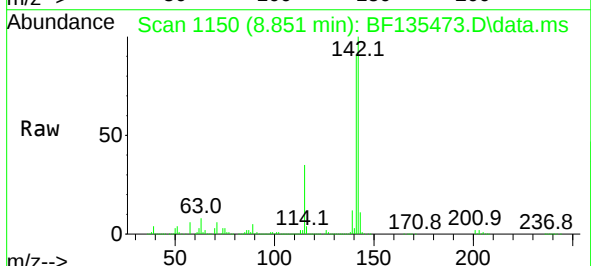
Manual Integrations
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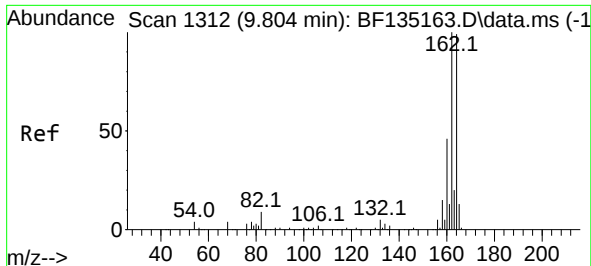
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#38
1-Methylnaphthalene
Concen: 45.143 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

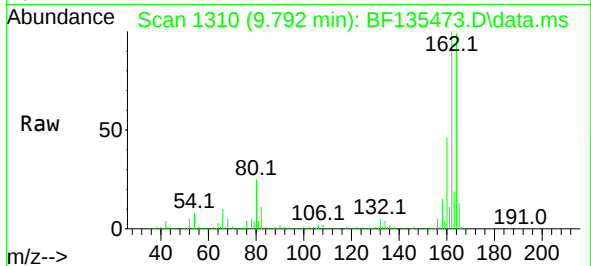
Tgt Ion:142 Resp: 951396
Ion Ratio Lower Upper
142 100
141 90.5 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

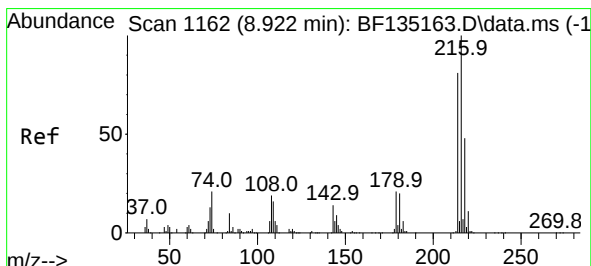
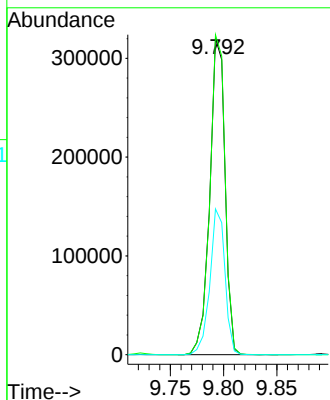
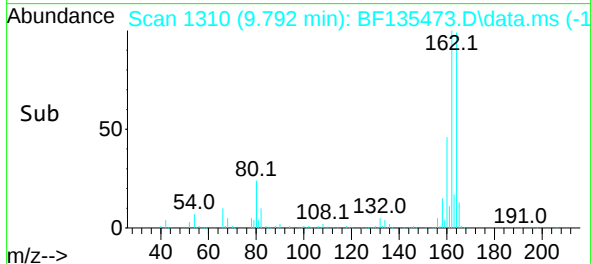
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



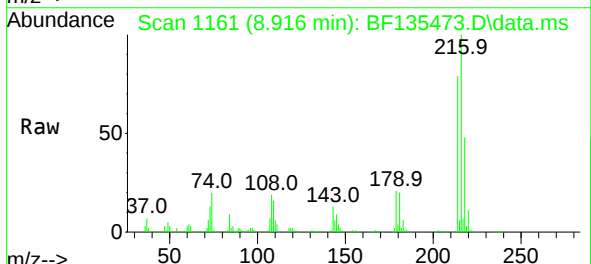
Tgt Ion:164 Resp: 31866
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 46.0 37.0 55.4

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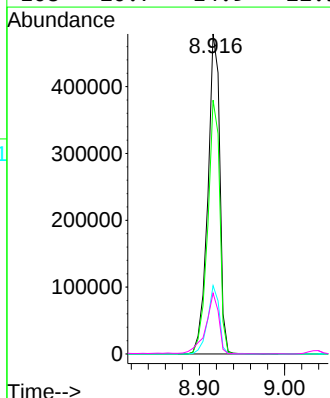
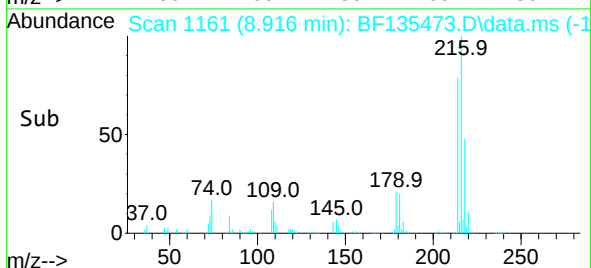
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.513 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



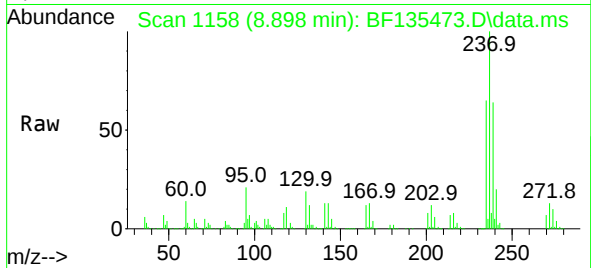
Tgt Ion:216 Resp: 466343
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 20.6 16.7 25.1
108 20.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 70.238 ng
RT: 8.898 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

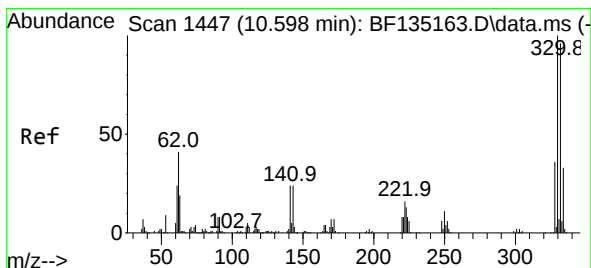
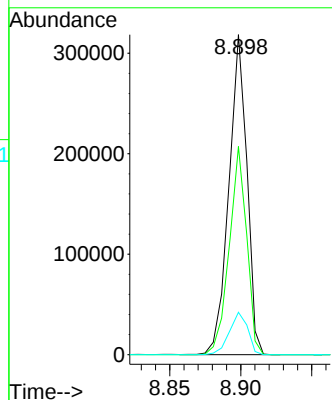
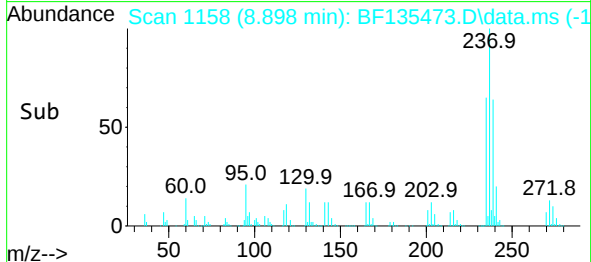
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



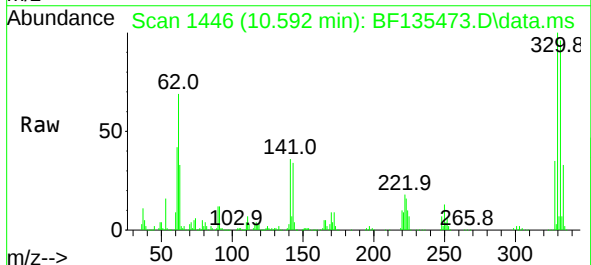
Tgt Ion: 237 Resp: 281684
Ion Ratio Lower Upper
237 100
235 65.1 41.8 81.8
272 13.2 0.0 33.6

Manual Integrations
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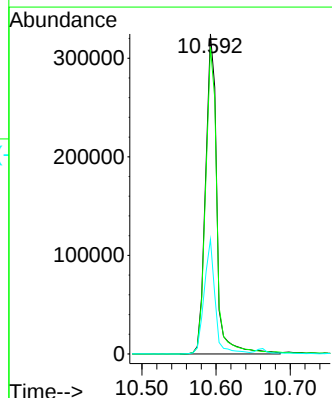
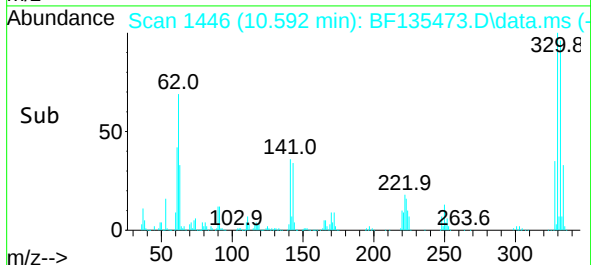
Reviewed By : Yogesh Patel 09/28/2023
Supervised By : Jagrut Upadhyay 09/28/2023

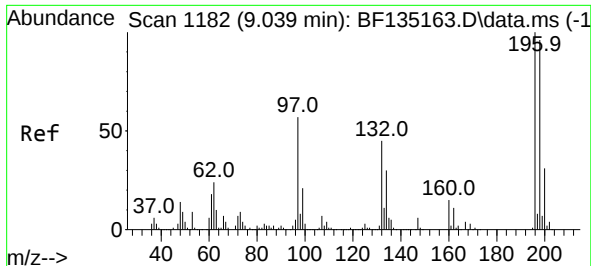


#42
2,4,6-Tribromophenol
Concen: 109.211 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



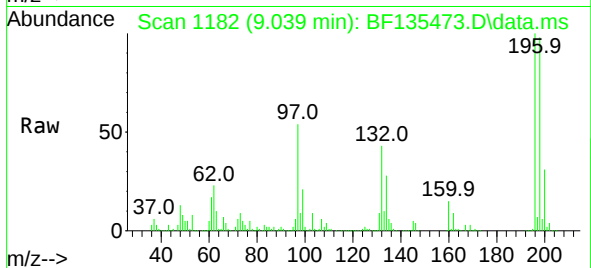
Tgt Ion: 330 Resp: 345848
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 34.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 49.176 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

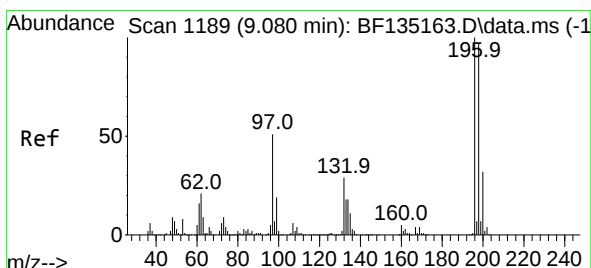
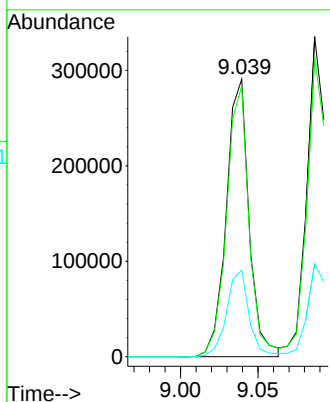
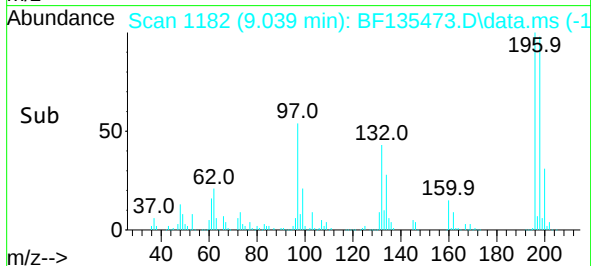
Instrument :
BNA_F
Client Sample Id :
TP-BCDMS



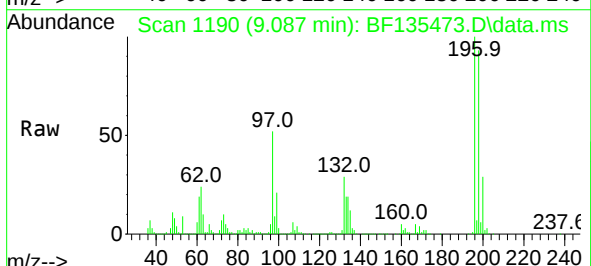
Tgt Ion:196 Resp: 297252
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.6
200 31.3 24.5 36.7

Manual Integrations
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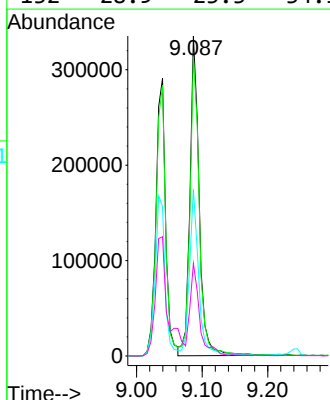
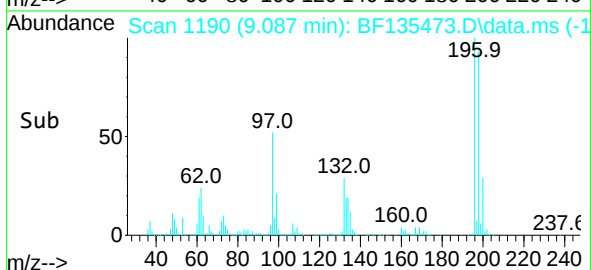
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

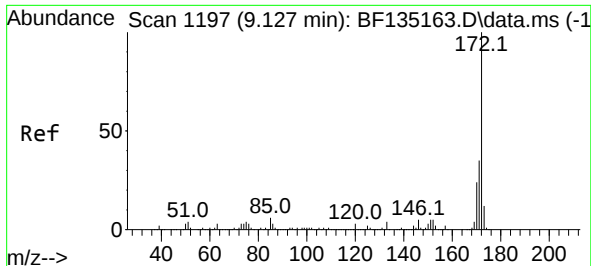


#44
2,4,5-Trichlorophenol
Concen: 47.501 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



Tgt Ion:196 Resp: 330656
Ion Ratio Lower Upper
196 100
198 93.4 77.5 116.3
97 52.1 40.5 60.7
132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.574 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135473.D

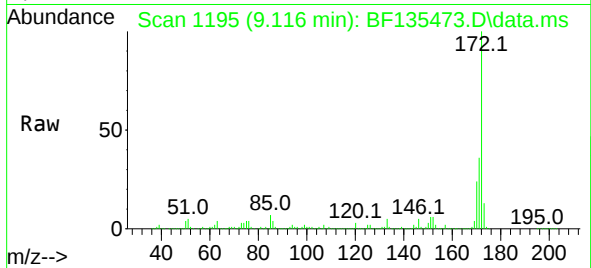
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS



Tgt Ion:172 Resp: 1849708

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

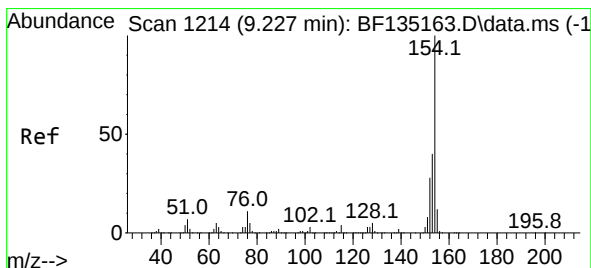
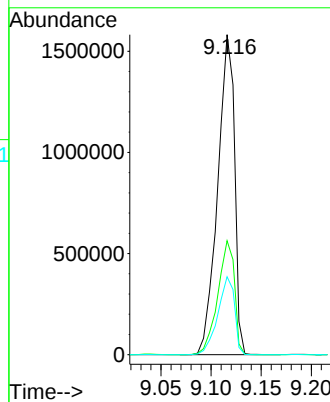
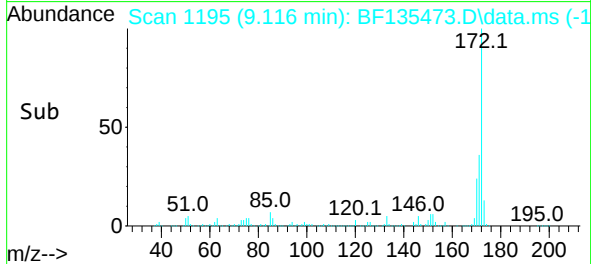
170 24.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#46

1,1'-Biphenyl

Concen: 49.808 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

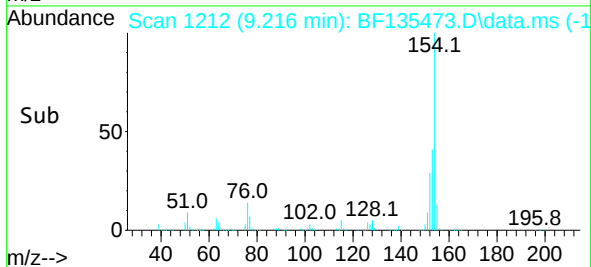
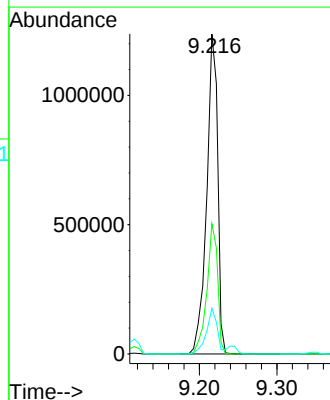
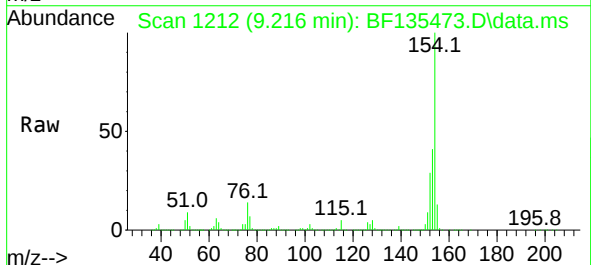
Tgt Ion:154 Resp: 1219760

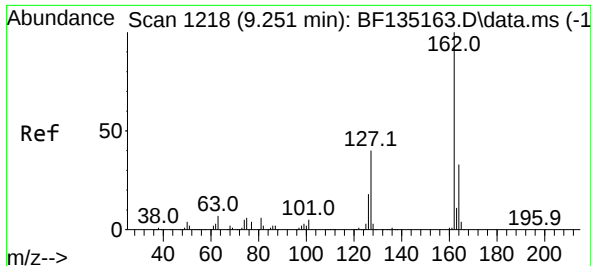
Ion Ratio Lower Upper

154 100

153 40.8 19.6 59.6

76 14.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 51.456 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

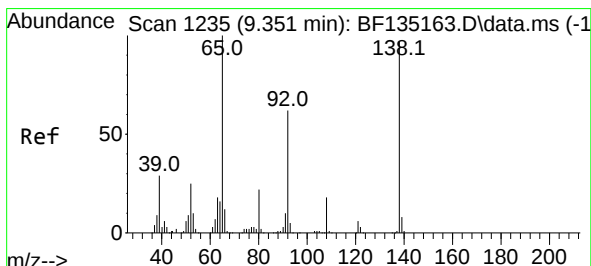
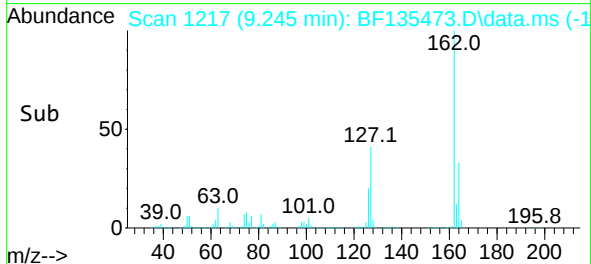
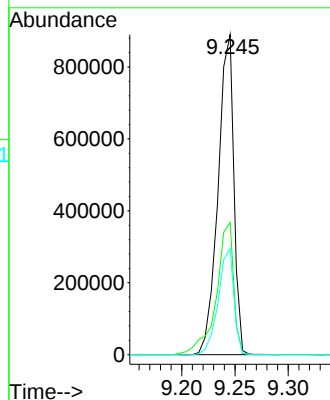
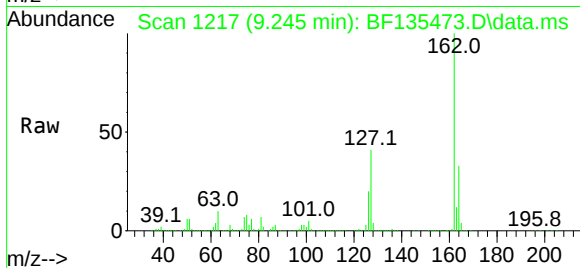
TP-BCDMS

Tgt Ion:162 Resp: 91429
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.6 48.8
 164 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023



#48

2-Nitroaniline

Concen: 51.456 ng

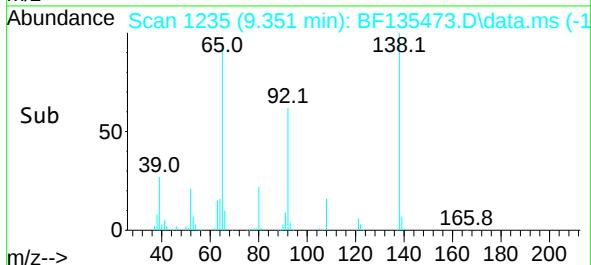
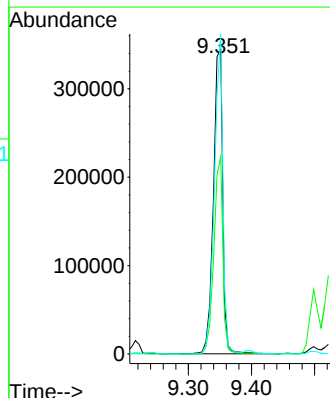
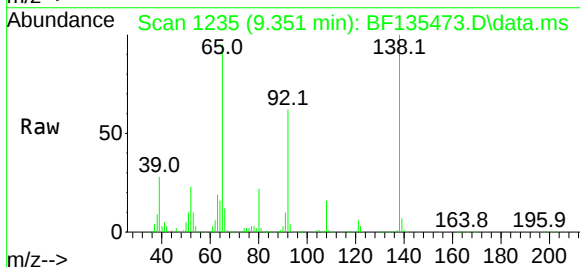
RT: 9.351 min Scan# 1235

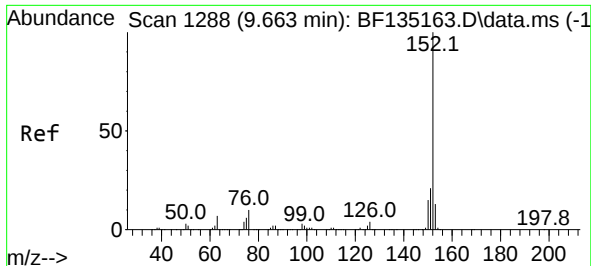
Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion: 65 Resp: 355195
 Ion Ratio Lower Upper
 65 100
 92 64.5 49.4 74.0
 138 104.7 77.4 116.0





#49

Acenaphthylene

Concen: 49.038 ng

RT: 9.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion:152 Resp: 144808

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

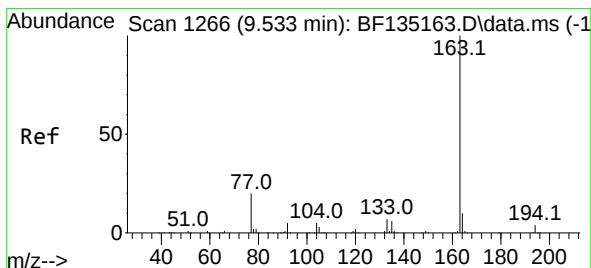
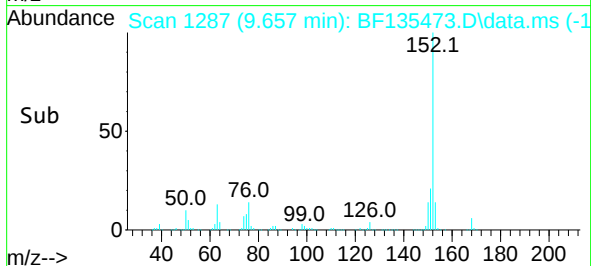
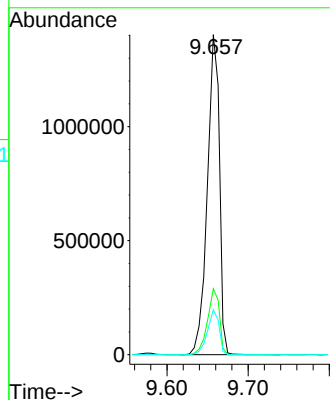
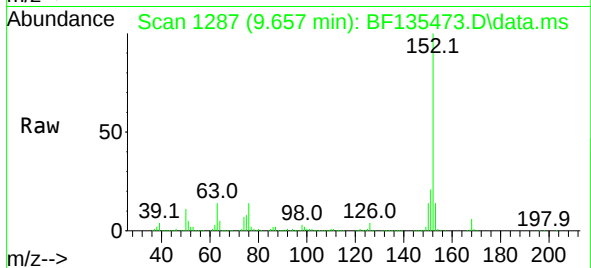
153 14.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#50

Dimethylphthalate

Concen: 49.602 ng

RT: 9.528 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

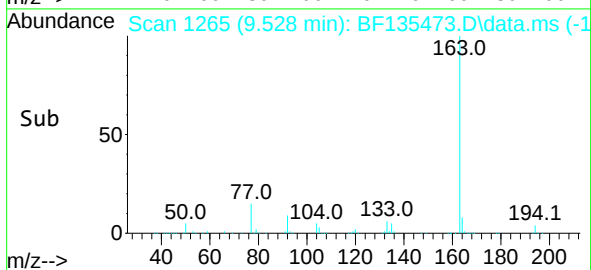
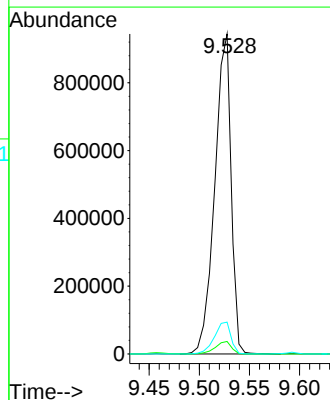
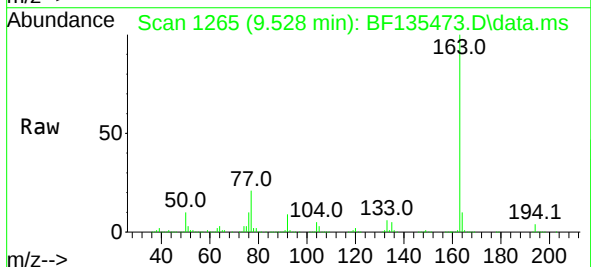
Tgt Ion:163 Resp: 1068678

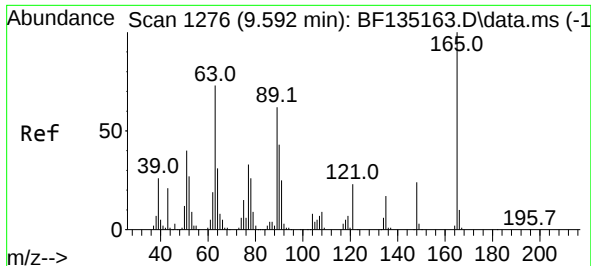
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

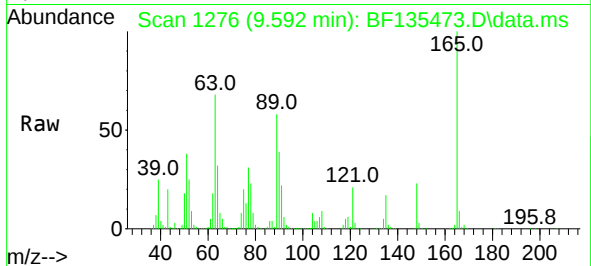
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.939 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

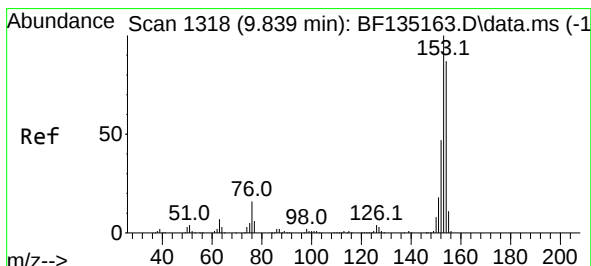
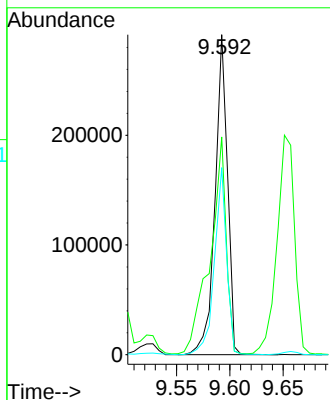
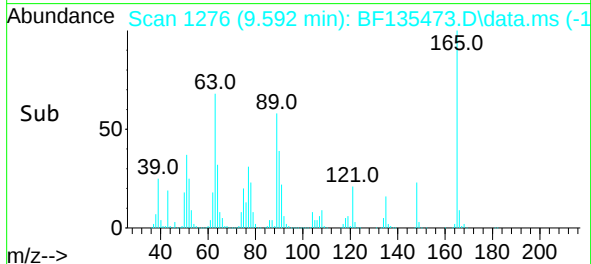
Instrument :
BNA_F
Client Sample Id :
TP-BCDMS



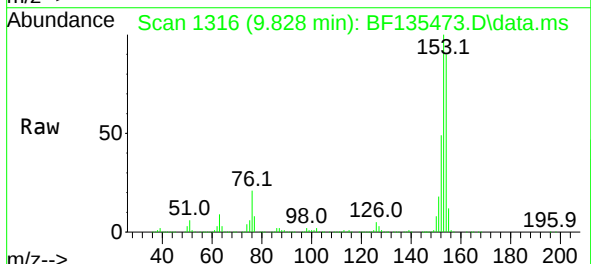
Tgt Ion:165 Resp: 235708
Ion Ratio Lower Upper
165 100
63 68.0 59.4 89.2
89 58.4 49.8 74.8

Manual Integrations
APPROVED

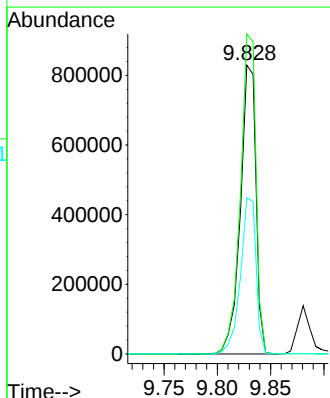
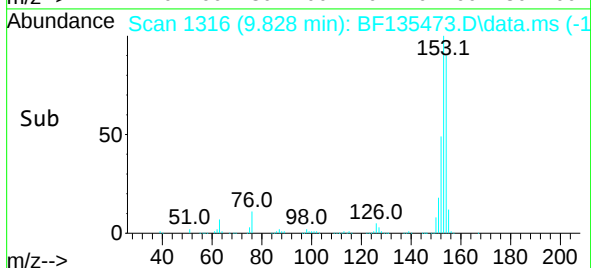
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

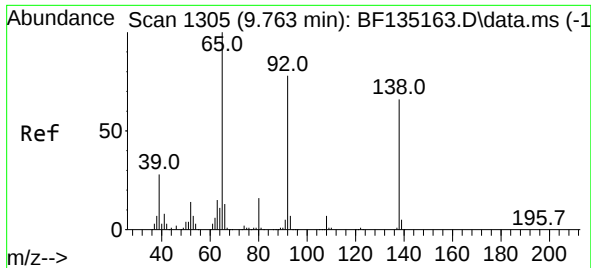


#52
Acenaphthene
Concen: 48.711 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



Tgt Ion:154 Resp: 849731
Ion Ratio Lower Upper
154 100
153 110.8 92.1 138.1
152 54.1 43.1 64.7





#53
3-Nitroaniline
Concen: 25.474 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

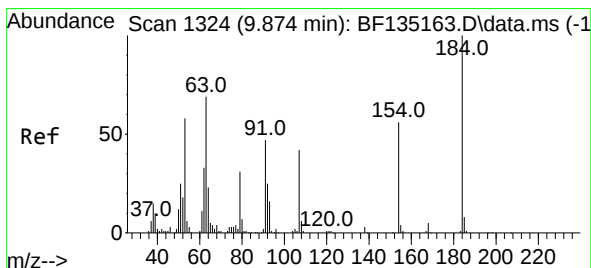
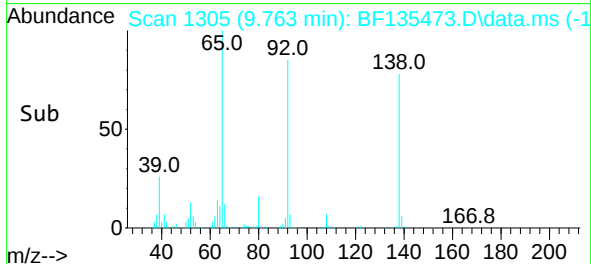
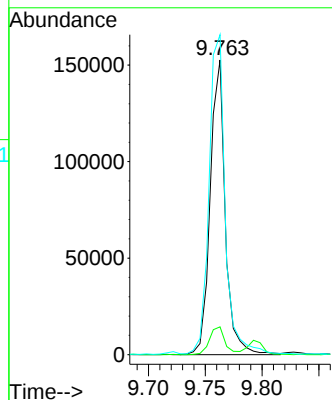
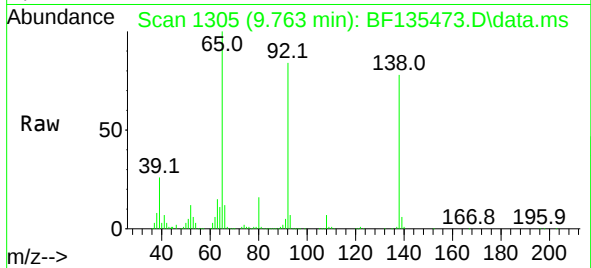
TP-BCDMS

Tgt Ion:138 Resp: 141132
Ion Ratio Lower Upper
138 100
108 9.4 8.5 12.7
92 108.6 95.4 143.0

Manual Integrations

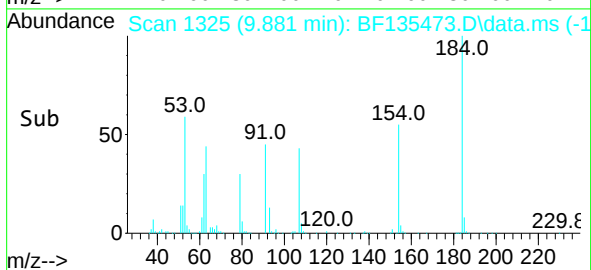
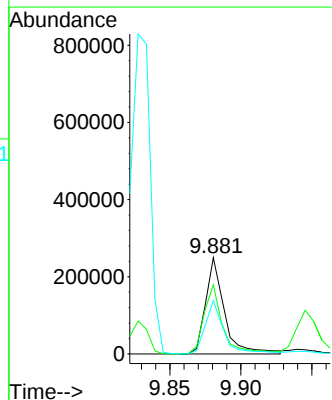
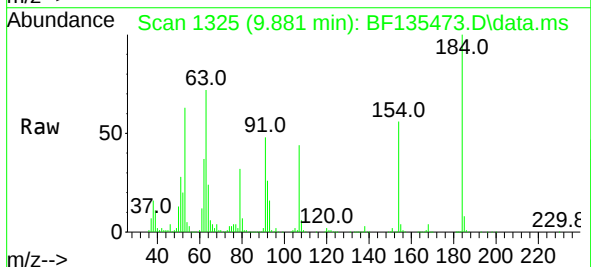
APPROVED

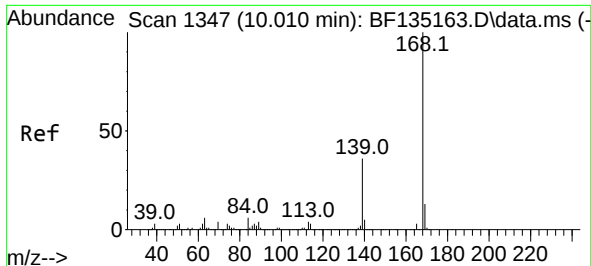
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#54
2,4-Dinitrophenol
Concen: 85.298 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

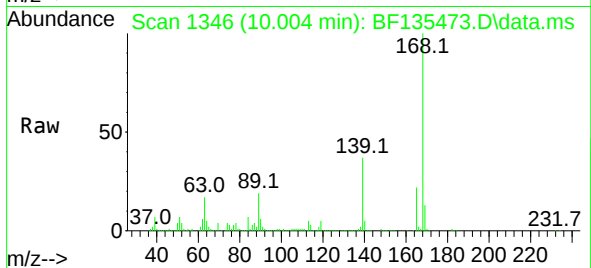
Tgt Ion:184 Resp: 229752
Ion Ratio Lower Upper
184 100
63 71.8 55.1 82.7
154 55.5 48.4 72.6





#55
Dibenzenofuran
Concen: 44.032 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

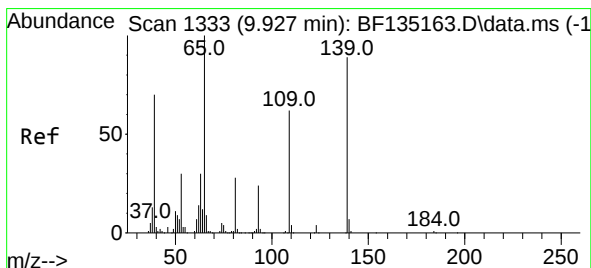
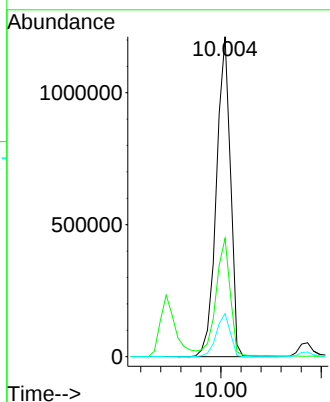
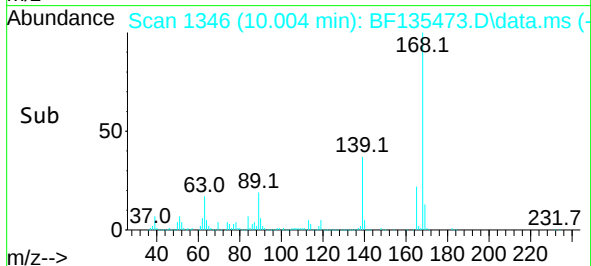
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



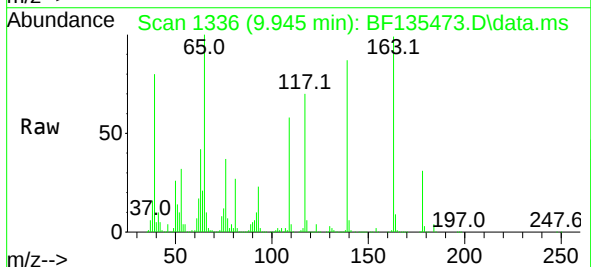
Tgt Ion:168 Resp: 1172130
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.4 10.4 15.6

Manual Integrations
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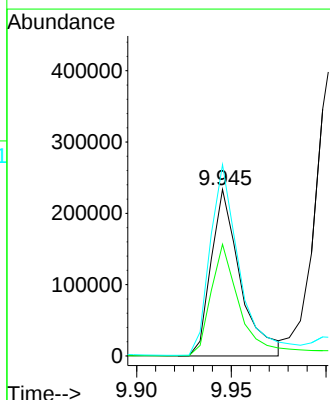
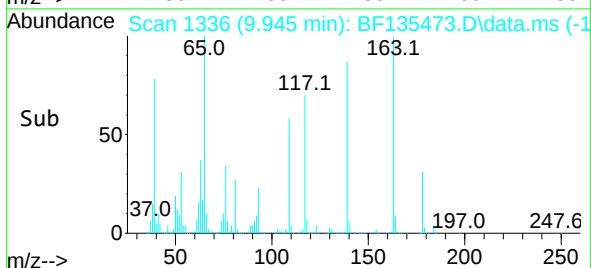
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

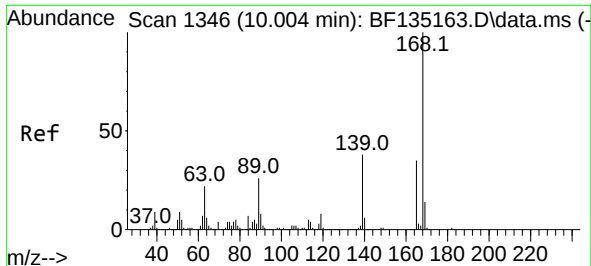


#56
4-Nitrophenol
Concen: 71.087 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



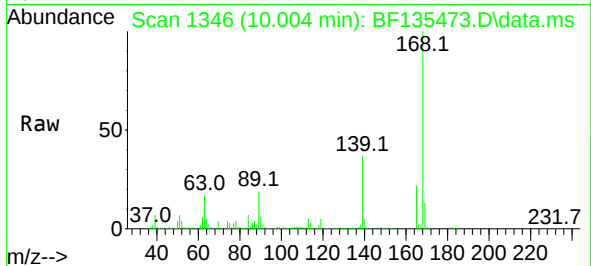
Tgt Ion:139 Resp: 250307
Ion Ratio Lower Upper
139 100
109 67.1 49.8 89.8
65 115.0 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 42.690 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

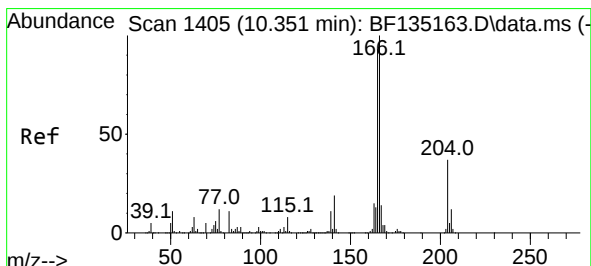
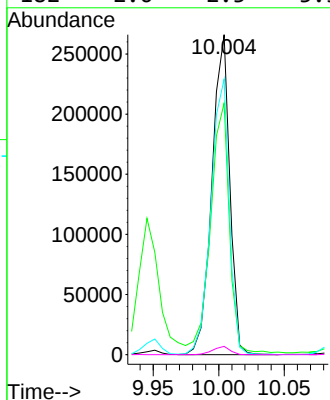
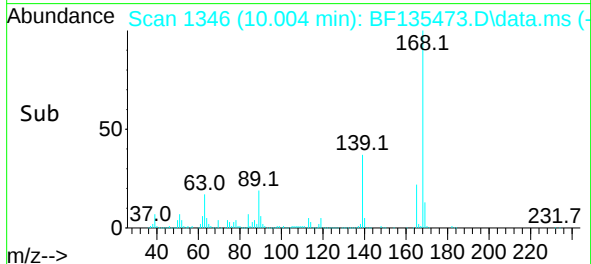
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:165 Resp: 252245
Ion Ratio Lower Upper
165 100
63 78.6 50.1 75.1
89 86.1 59.3 88.9
182 2.6 2.3 3.5

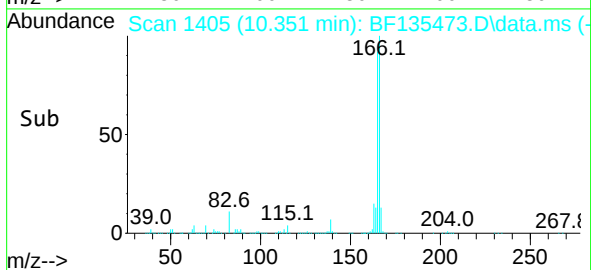
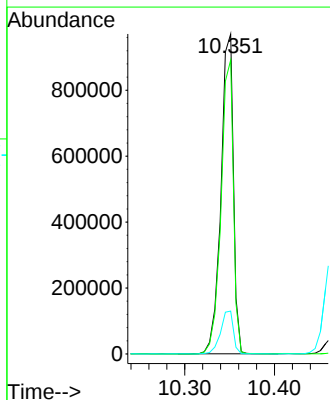
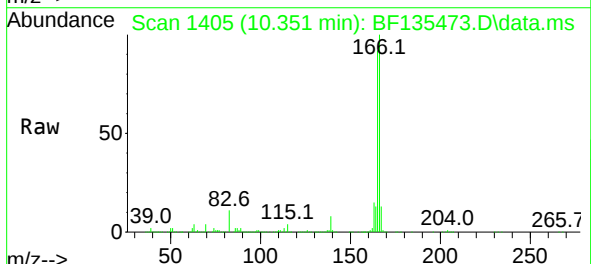
Manual Integrations
APPROVED

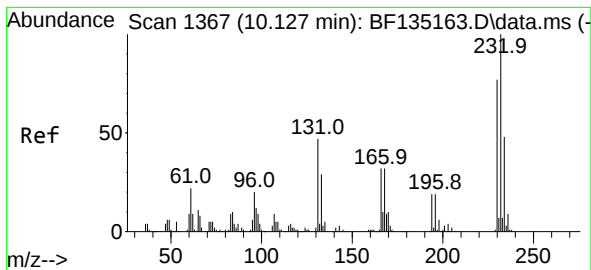
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#58
Fluorene
Concen: 45.644 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

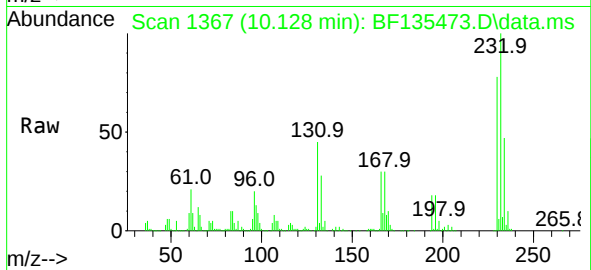
Tgt Ion:166 Resp: 934081
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.381 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

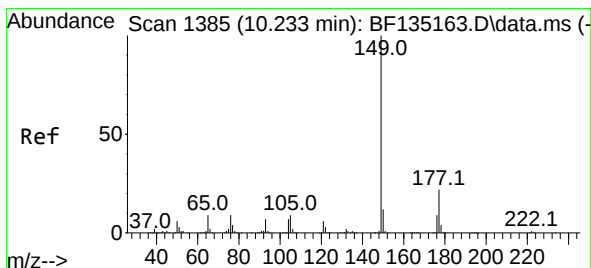
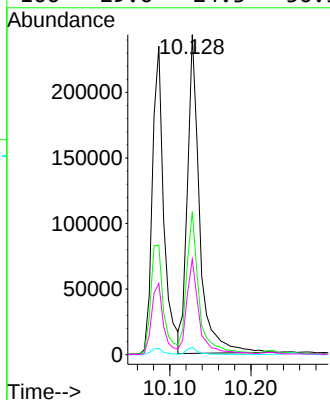
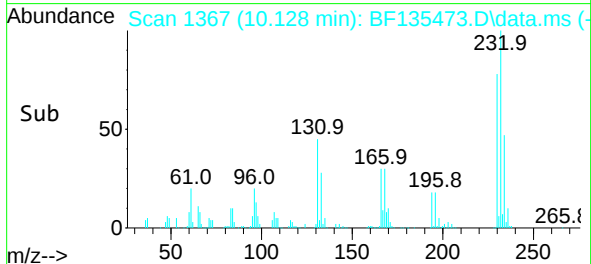
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:232 Resp: 25371
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.3 1.8 2.8
166 29.6 24.3 36.5

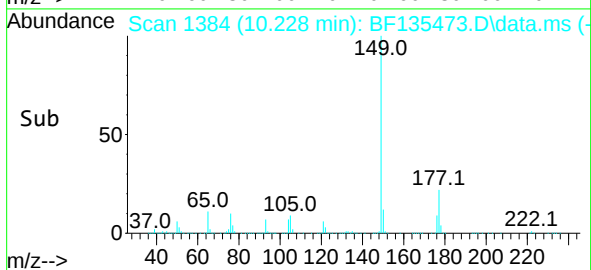
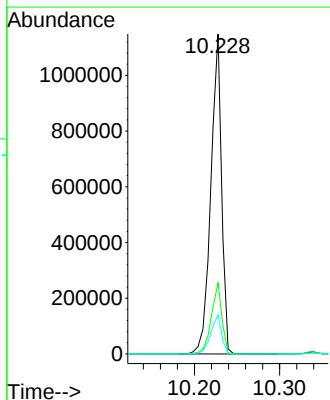
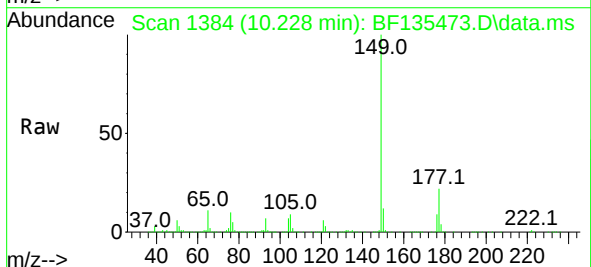
Manual Integrations
APPROVED

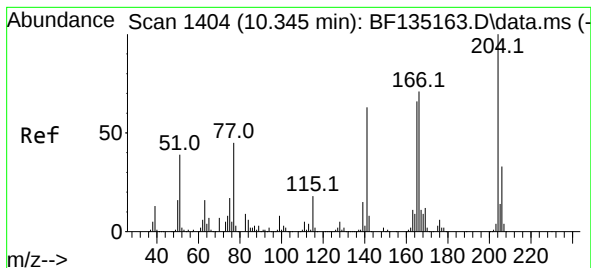
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#60
Diethylphthalate
Concen: 46.619 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

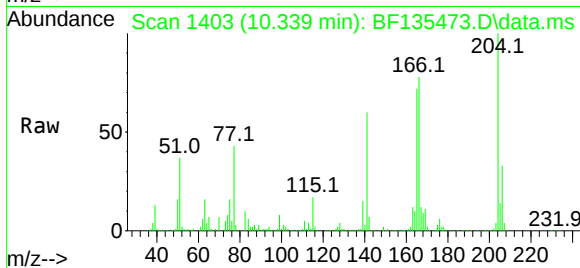
Tgt Ion:149 Resp: 1008022
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.266 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

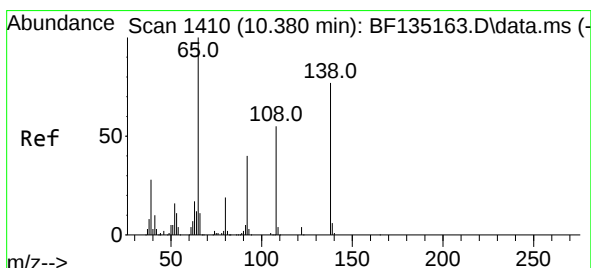
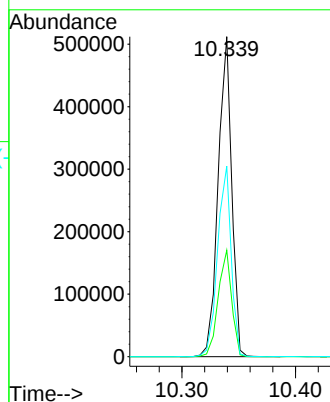
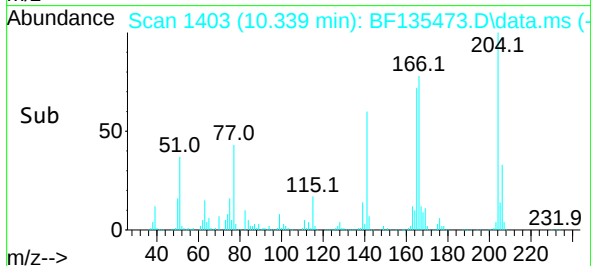
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:204 Resp: 425329
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 59.6 50.6 75.8

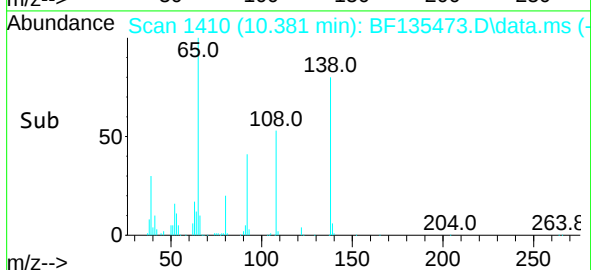
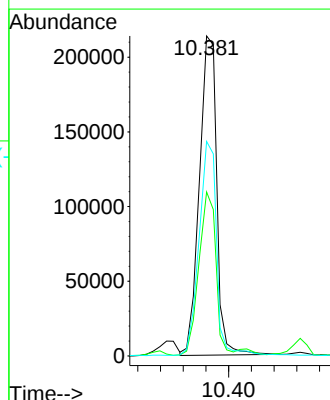
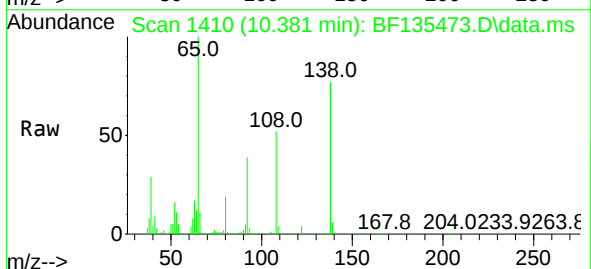
Manual Integrations
APPROVED

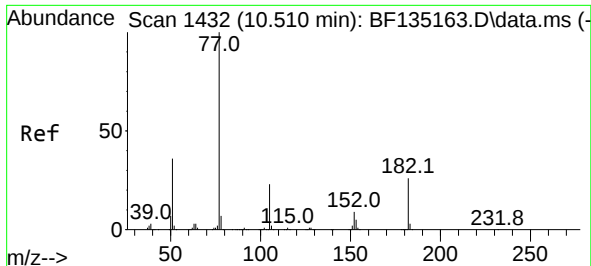
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#62
4-Nitroaniline
Concen: 42.687 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

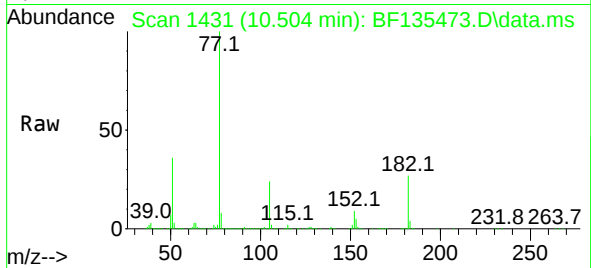
Tgt Ion:138 Resp: 227335
Ion Ratio Lower Upper
138 100
92 51.2 31.8 71.8
108 67.1 52.0 92.0





#63
Azobenzene
Concen: 49.686 ng
RT: 10.504 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

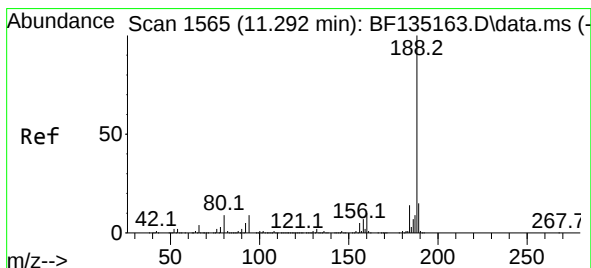
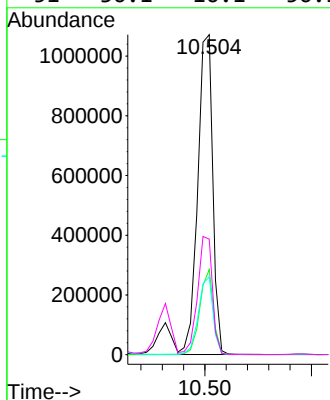
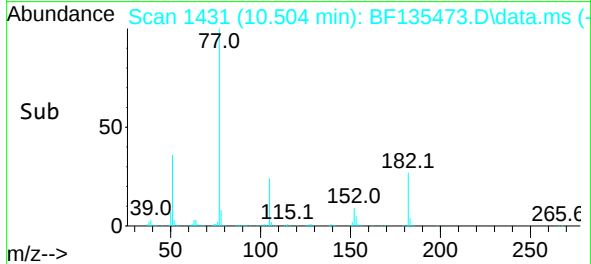
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



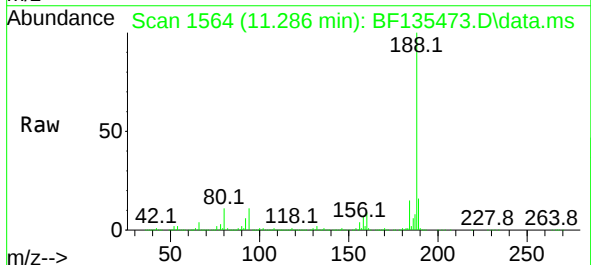
Tgt Ion: 77 Resp: 1051439
Ion Ratio Lower Upper
77 100
182 26.6 6.4 46.4
105 24.3 3.1 43.1
51 36.1 16.1 56.1

Manual Integrations
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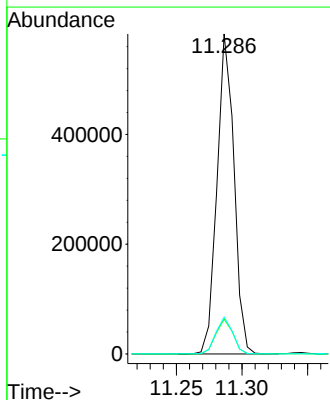
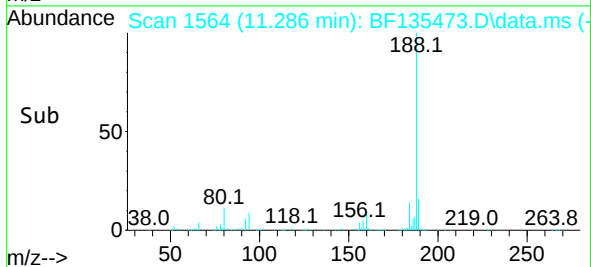
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

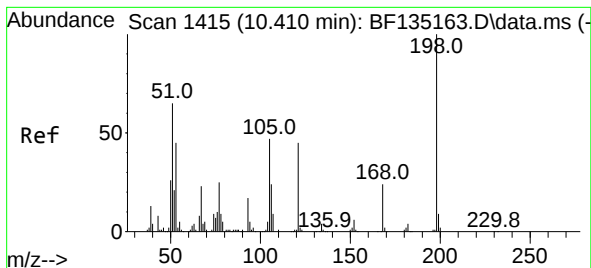


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



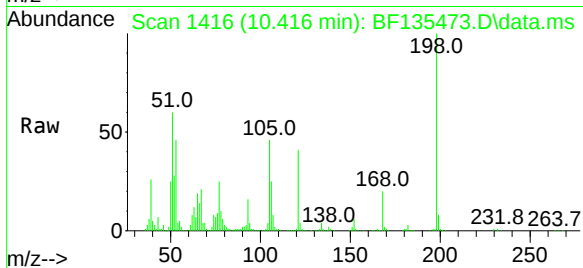
Tgt Ion:188 Resp: 523998
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.5 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 52.410 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

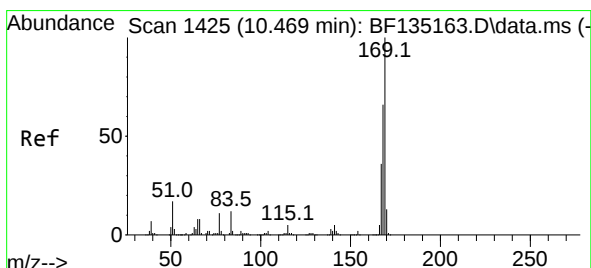
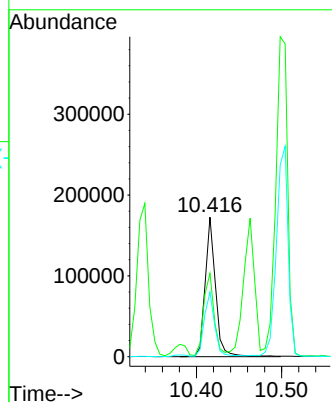
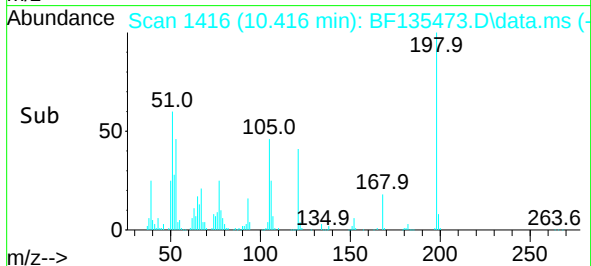
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



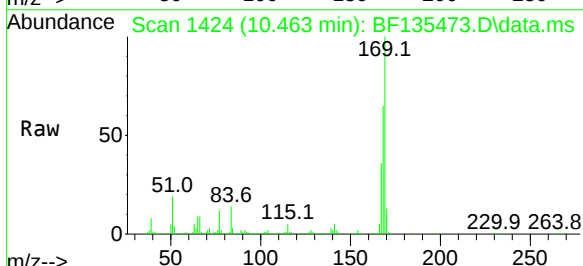
Tgt Ion:198 Resp: 145862
Ion Ratio Lower Upper
198 100
51 59.8 47.7 87.7
105 46.2 27.4 67.4

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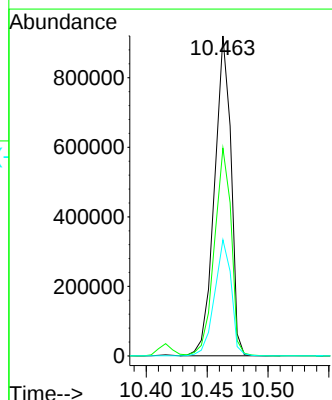
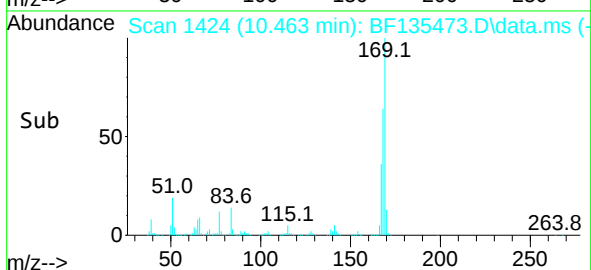
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

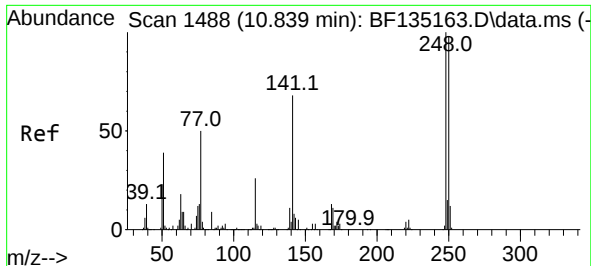


#66
n-Nitrosodiphenylamine
Concen: 54.538 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



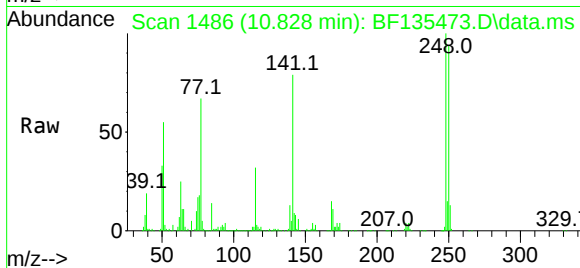
Tgt Ion:169 Resp: 865191
Ion Ratio Lower Upper
169 100
168 64.9 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 52.168 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

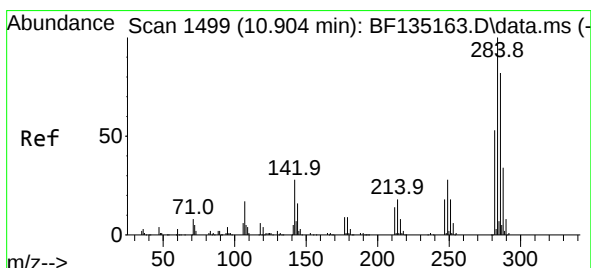
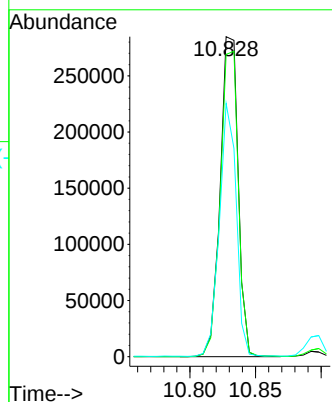
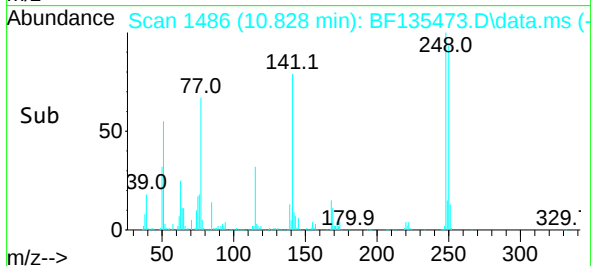
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



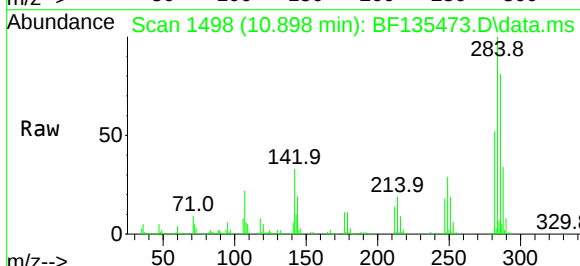
Tgt Ion:248 Resp: 271874
Ion Ratio Lower Upper
248 100
250 94.5 78.6 117.8
141 79.2 54.2 81.2

Manual Integrations
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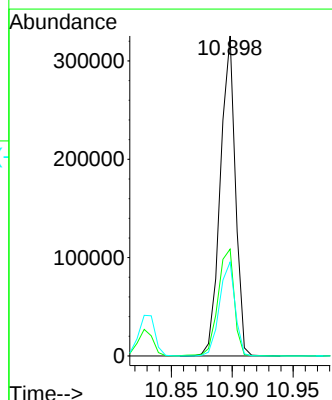
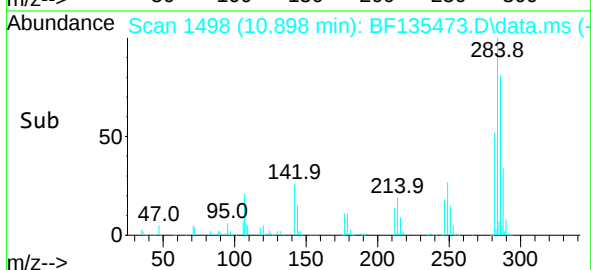
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

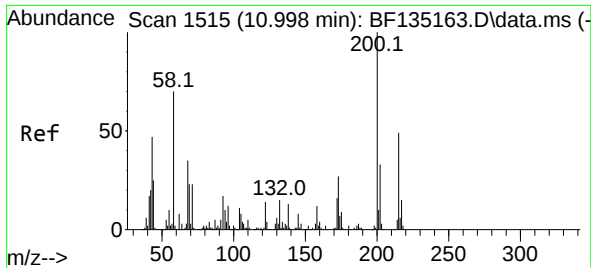


#68
Hexachlorobenzene
Concen: 52.835 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



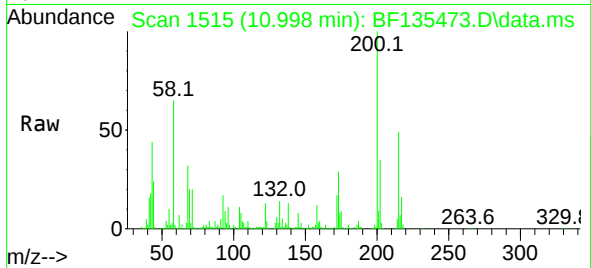
Tgt Ion:284 Resp: 280523
Ion Ratio Lower Upper
284 100
142 33.4 22.2 33.4#
249 29.4 22.5 33.7





#69
 Atrazine
 Concen: 57.584 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

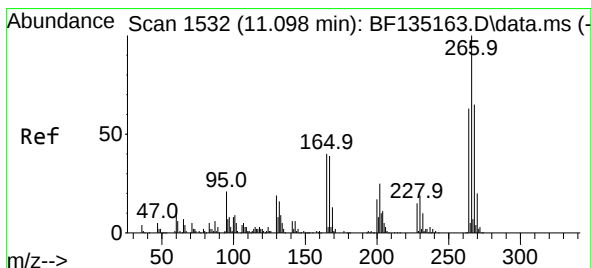
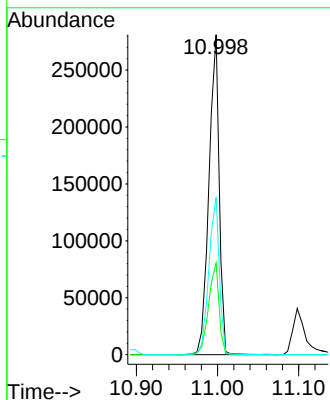
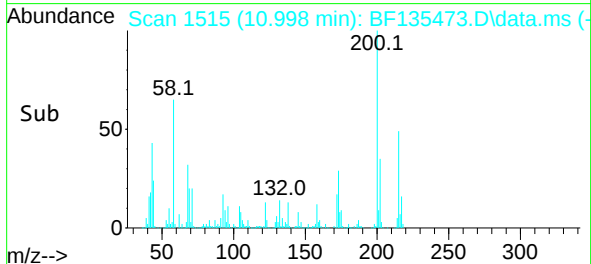
Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS



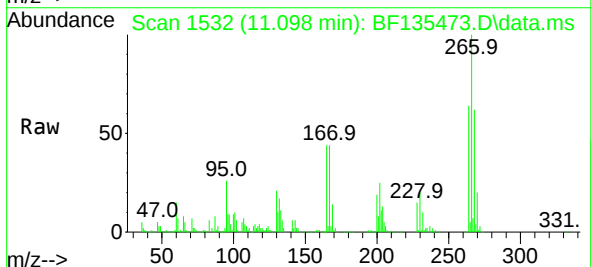
Tgt Ion:200 Resp: 245799
 Ion Ratio Lower Upper
 200 100
 173 28.6 7.4 47.4
 215 49.2 28.6 68.6

Manual Integrations
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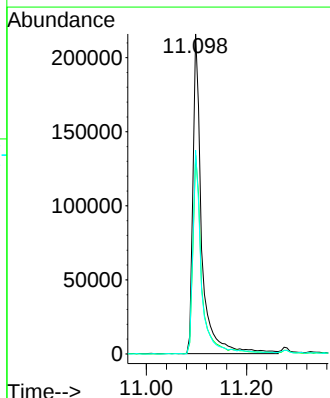
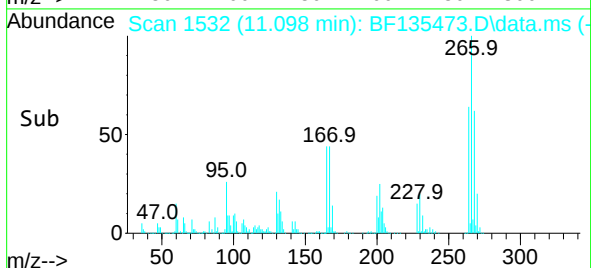
Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

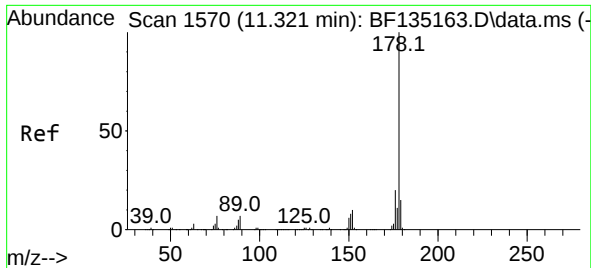


#70
 Pentachlorophenol
 Concen: 82.803 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30



Tgt Ion:266 Resp: 263030
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.1 78.1
 264 63.6 50.8 76.2





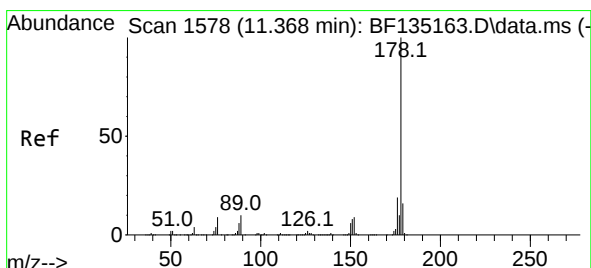
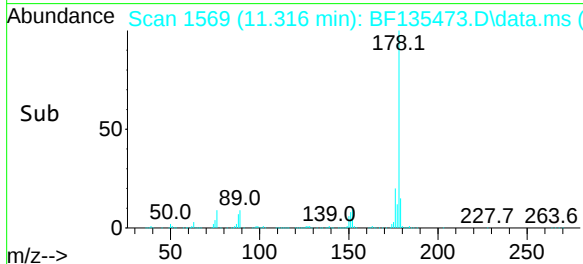
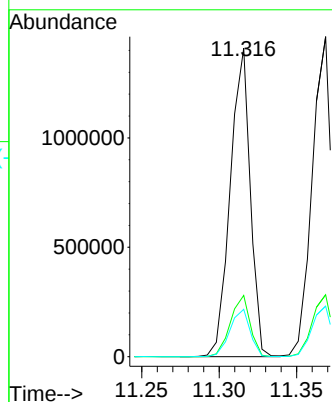
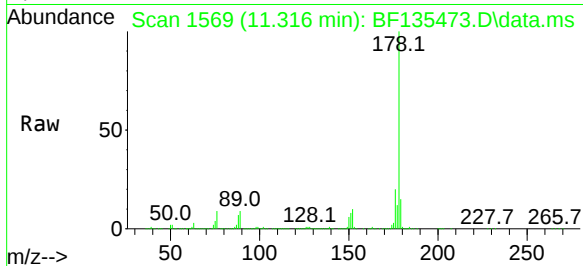
#71
Phenanthrene
Concen: 51.117 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :
BNA_F
ClientSampleId :
TP-BCDMS

Tgt Ion:178 Resp: 126682
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.4 12.0 18.0

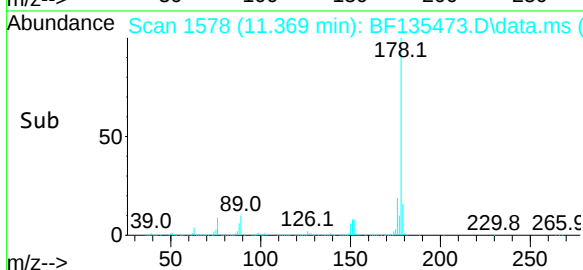
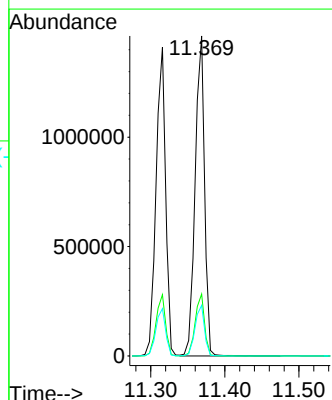
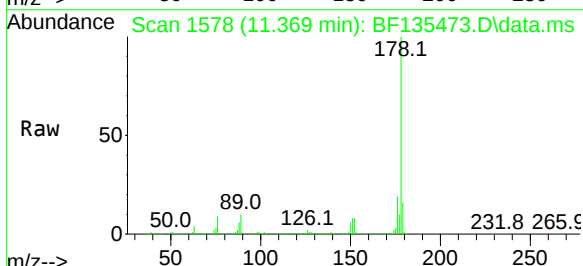
Manual Integrations
APPROVED

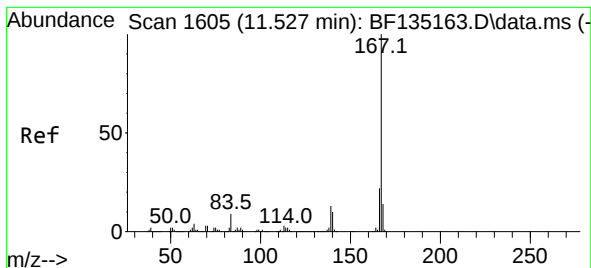
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#72
Anthracene
Concen: 50.608 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:178 Resp: 1289192
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.8 12.6 19.0





#73

Carbazole

Concen: 50.585 ng

RT: 11.528 min Scan# 1605

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion:167 Resp: 1173049

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

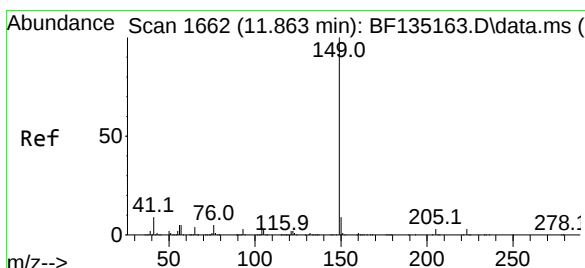
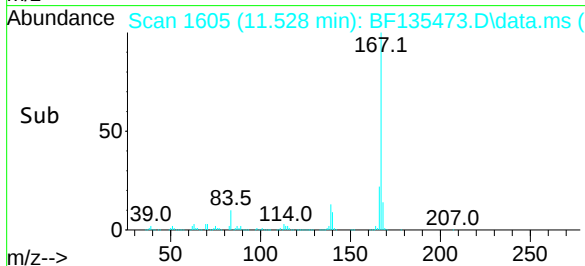
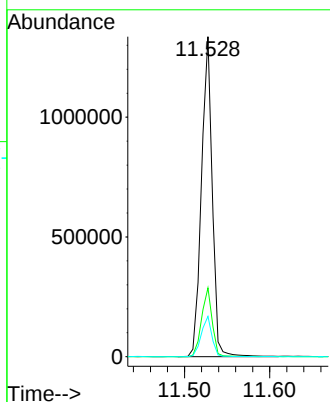
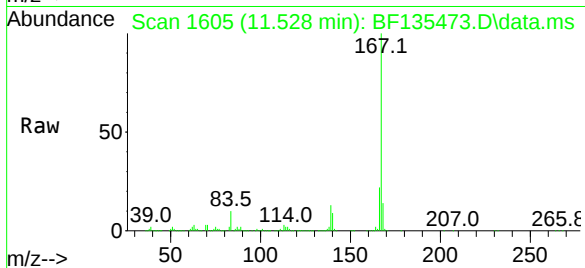
139 12.6 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#74

Di-n-butylphthalate

Concen: 52.297 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

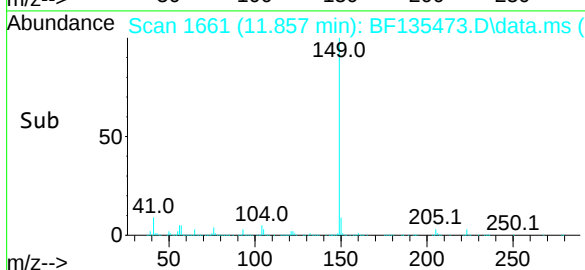
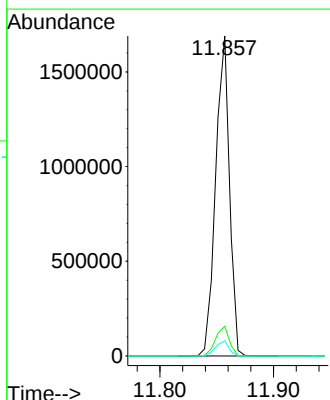
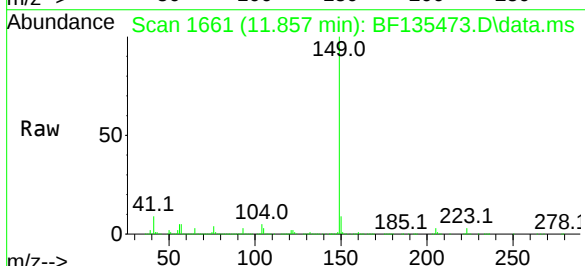
Tgt Ion:149 Resp: 1429051

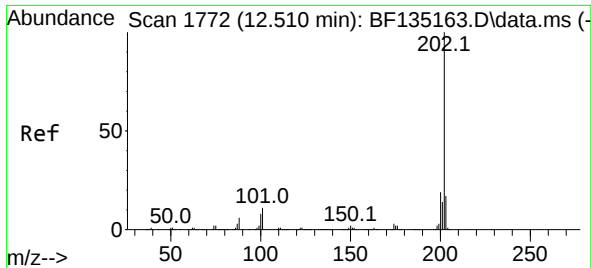
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

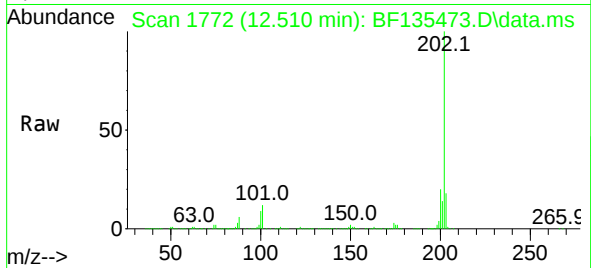
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 46.155 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

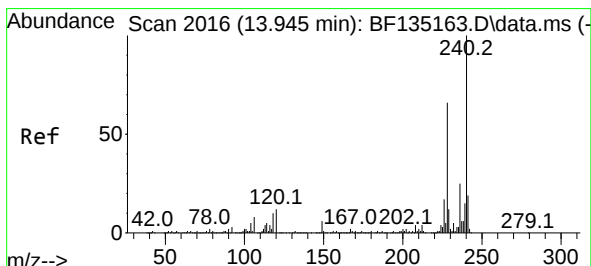
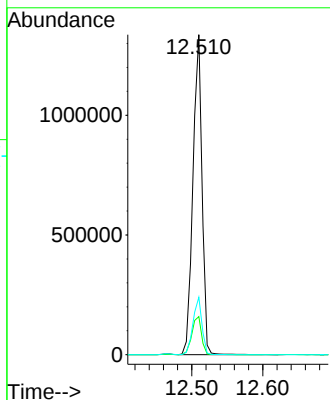
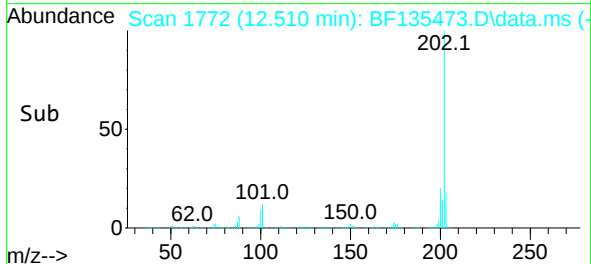
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



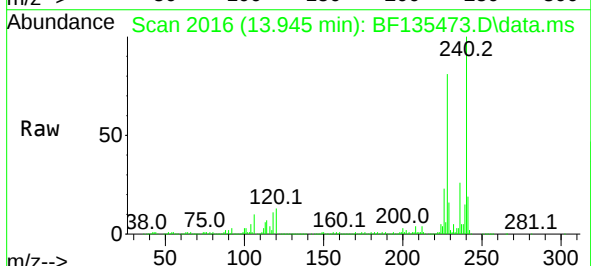
Tgt Ion:202 Resp: 1191890
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 18.0 0.0 37.4

Manual Integrations
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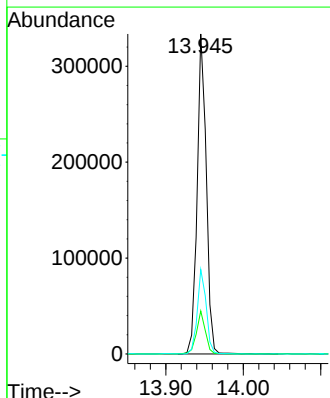
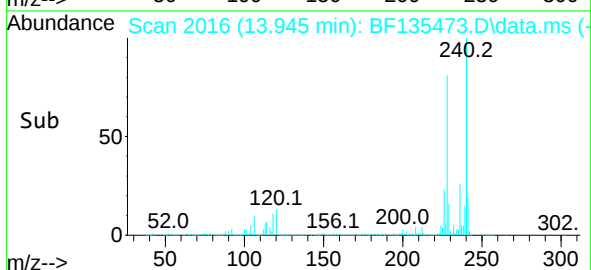
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

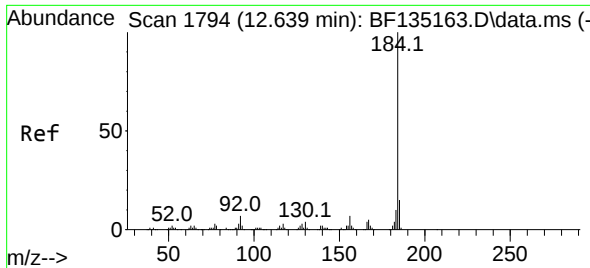


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



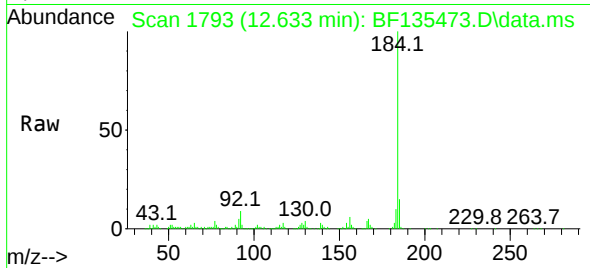
Tgt Ion:240 Resp: 273196
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 26.4 19.8 29.8





#77
Benzidine
Concen: 28.903 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

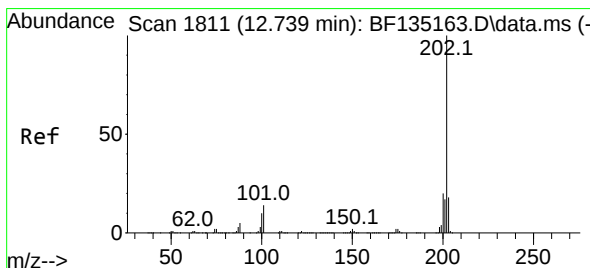
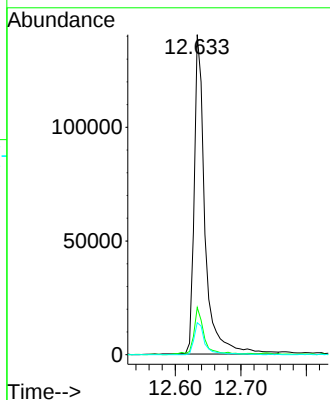
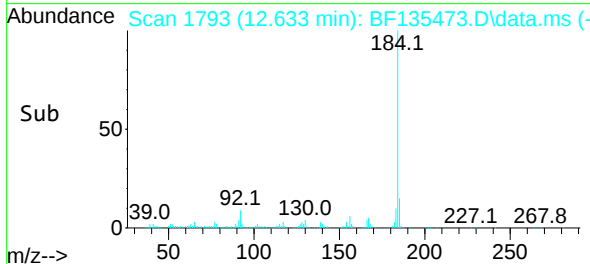
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



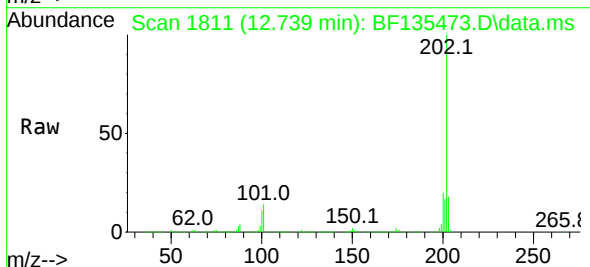
Tgt Ion:184 Resp: 161768
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.0 8.2 12.4

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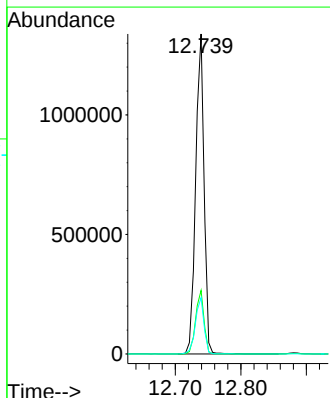
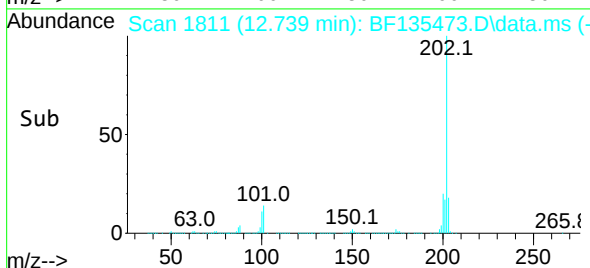
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

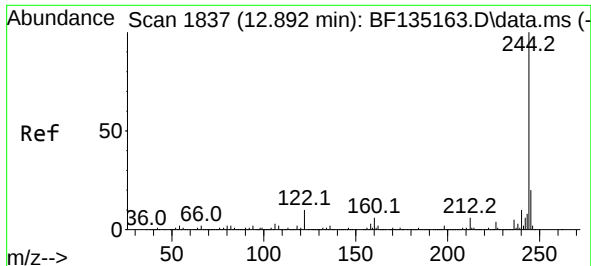


#78
Pyrene
Concen: 45.799 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



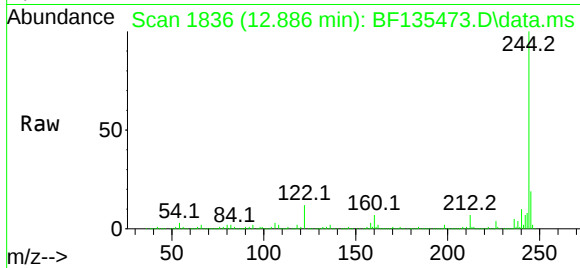
Tgt Ion:202 Resp: 1191239
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.6 14.2 21.4





#79
 Terphenyl-d14
 Concen: 79.592 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30

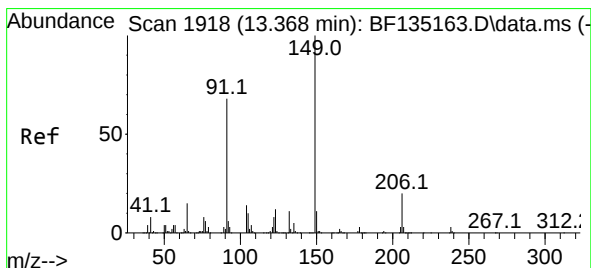
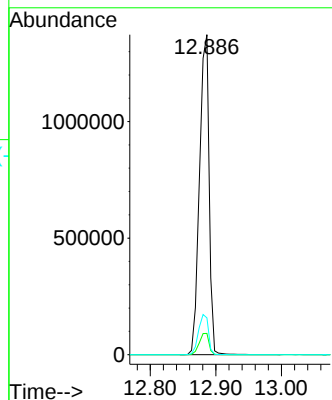
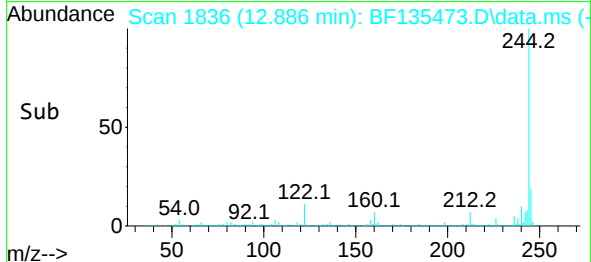
Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS



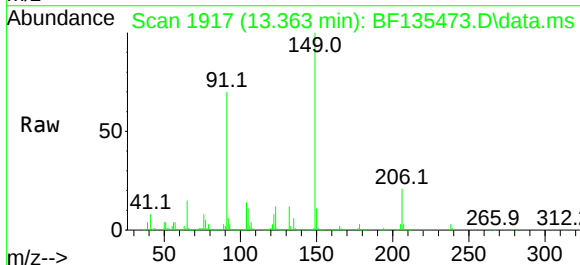
Tgt Ion:244 Resp: 1402679
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.5 7.9 11.9

Manual Integrations
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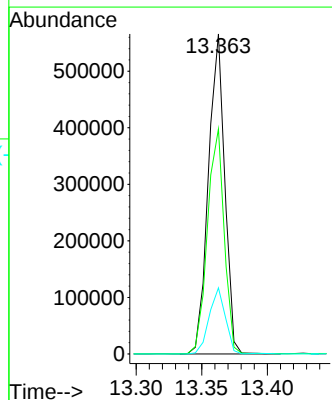
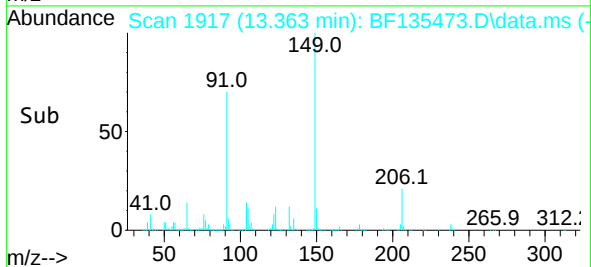
Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

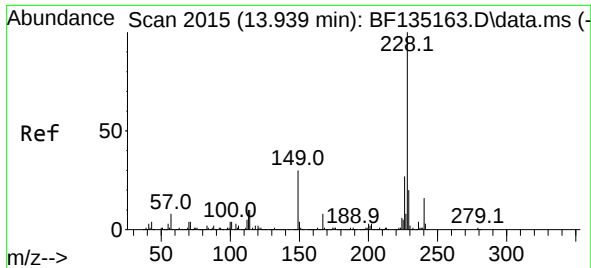


#80
 Butylbenzylphthalate
 Concen: 53.681 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. 0.006 min
 Lab File: BF135473.D
 Acq: 27 Sep 2023 15:30



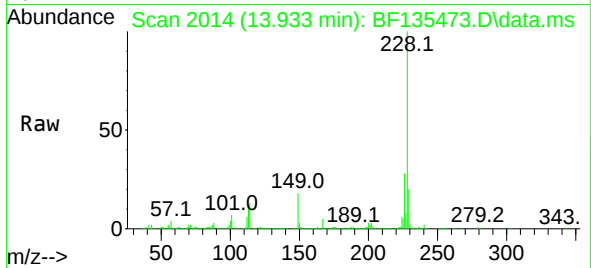
Tgt Ion:149 Resp: 491600
 Ion Ratio Lower Upper
 149 100
 91 70.3 54.7 82.1
 206 20.7 16.3 24.5





#81
Benzo(a)anthracene
Concen: 52.162 ng
RT: 13.933 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

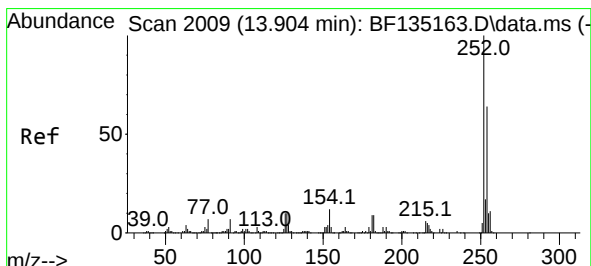
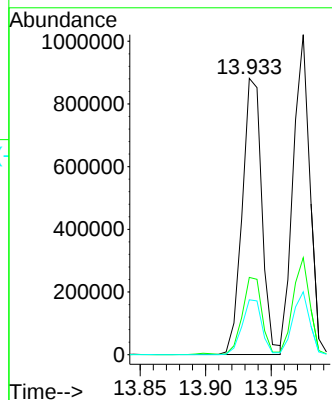
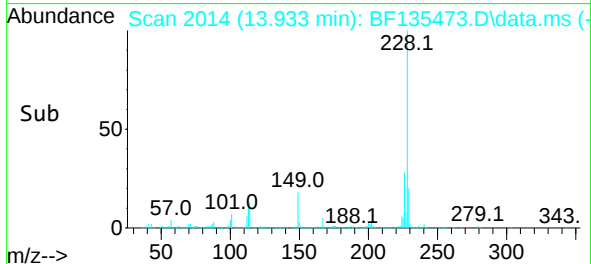
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:228 Resp: 920190
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.9 15.8 23.8

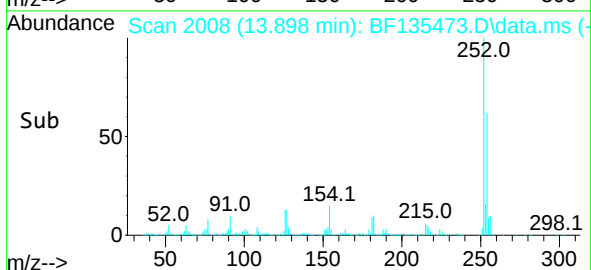
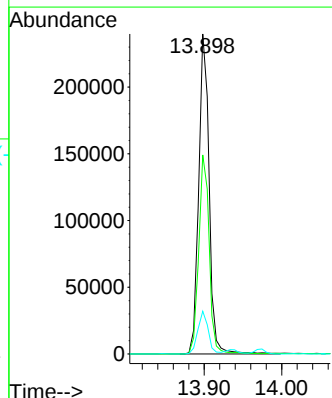
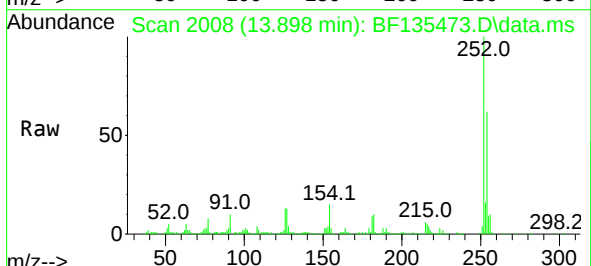
Manual Integrations
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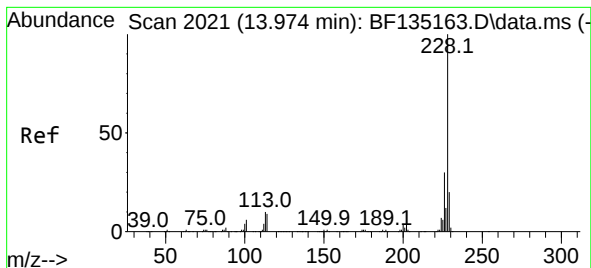
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.637 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:252 Resp: 223917
Ion Ratio Lower Upper
252 100
254 62.2 51.0 76.4
126 13.4 7.8 11.8#





#83

Chrysene

Concen: 51.669 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

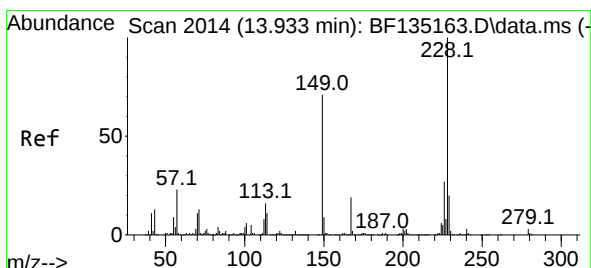
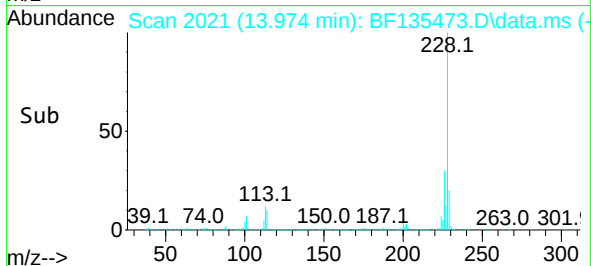
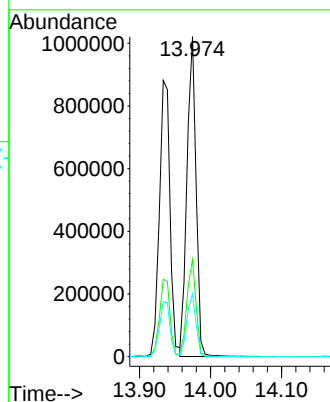
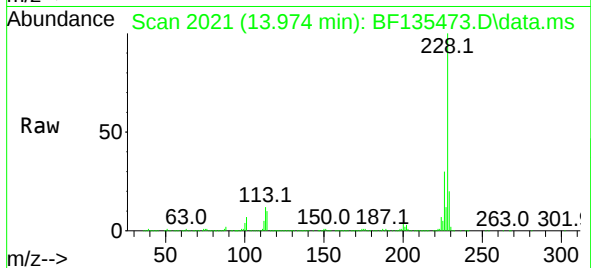
TP-BCDMS

Tgt Ion:228 Resp: 906230
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 19.6 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.938 ng

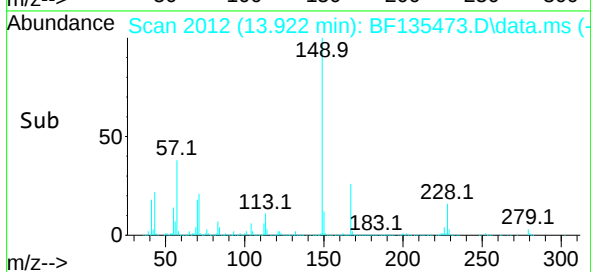
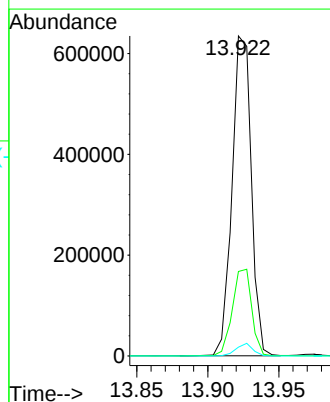
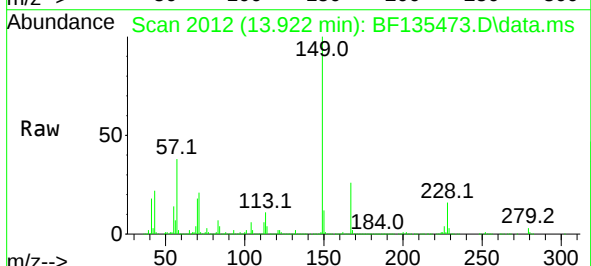
RT: 13.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Tgt Ion:149 Resp: 600860
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.9 32.9
 279 2.8 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 74.991 ng

RT: 14.545 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

Tgt Ion:149 Resp: 1119958

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

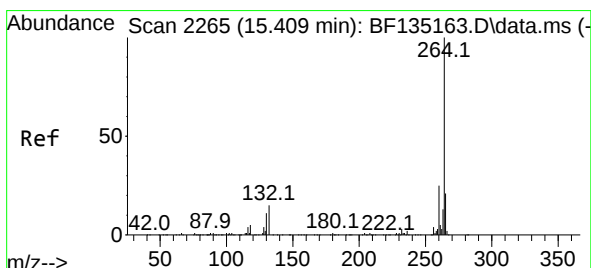
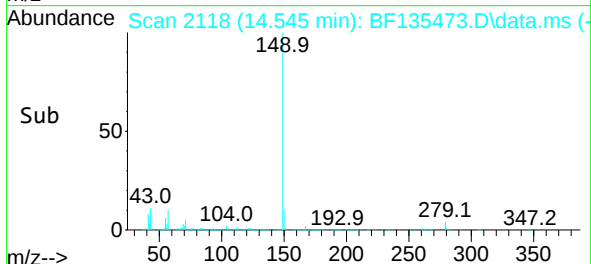
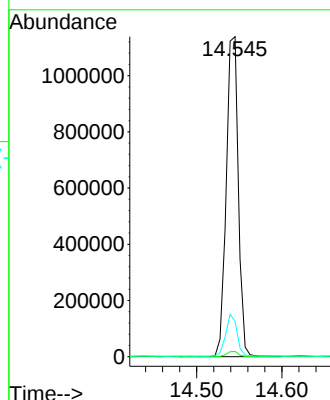
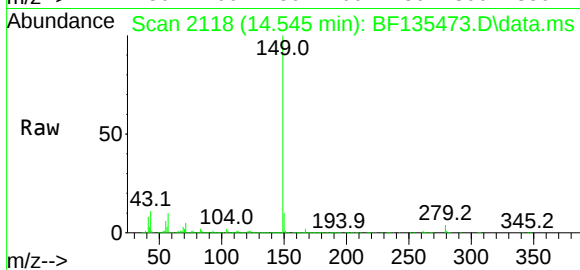
43 12.1 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.012 min

Lab File: BF135473.D

Acq: 27 Sep 2023 15:30

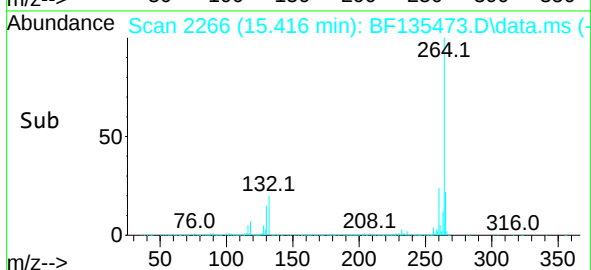
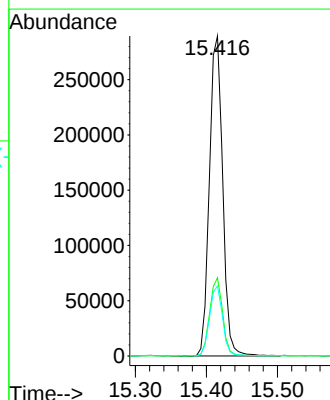
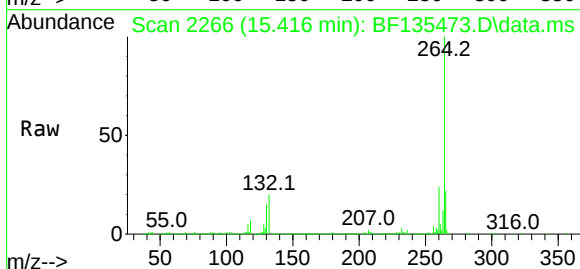
Tgt Ion:264 Resp: 377078

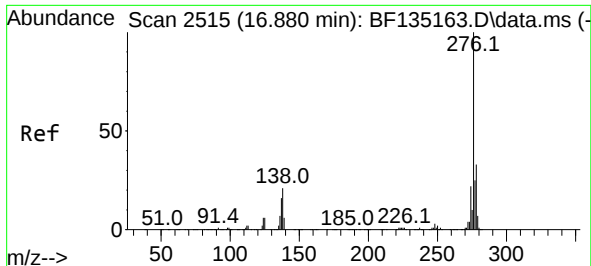
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.9 17.0 25.4





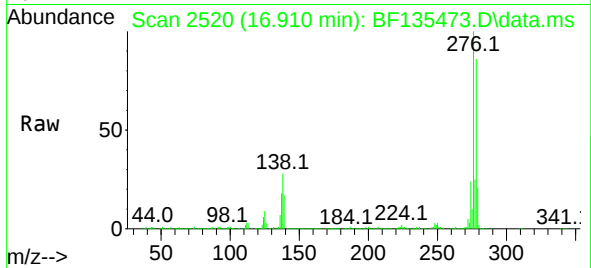
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.459 ng
RT: 16.910 min Scan# 2119
Delta R.T. 0.024 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

TP-BCDMS

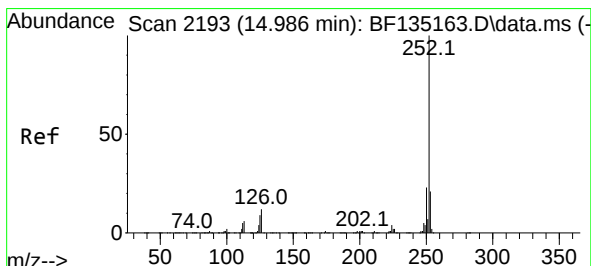
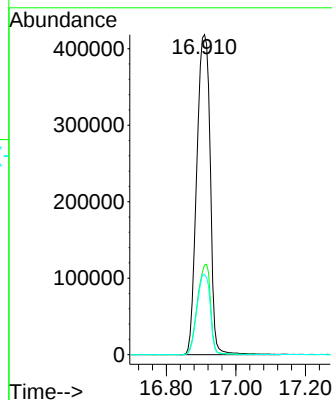
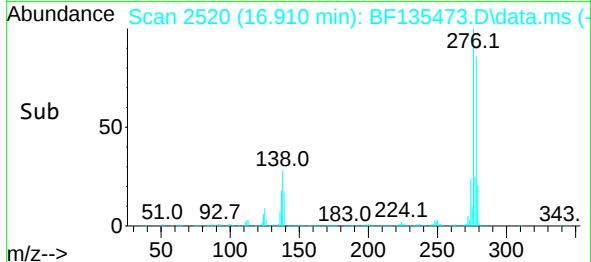


Tgt Ion:276 Resp: 1123915
Ion Ratio Lower Upper
276 100
138 27.5 19.2 28.8
277 24.8 19.7 29.5

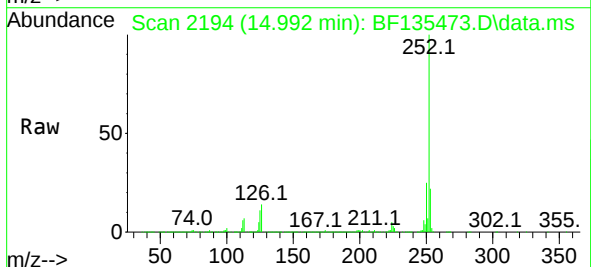
Manual Integrations

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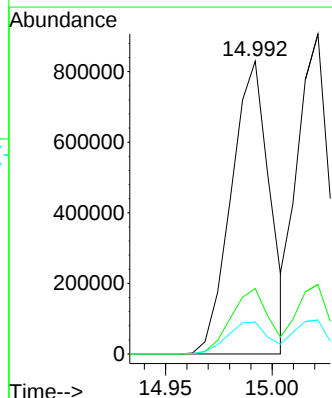
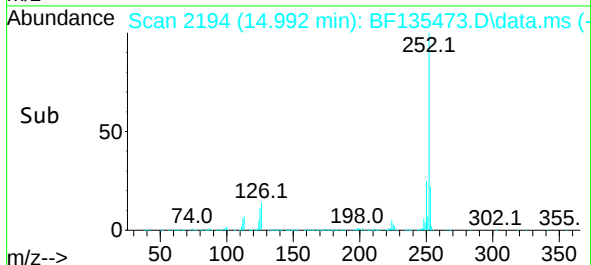
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023

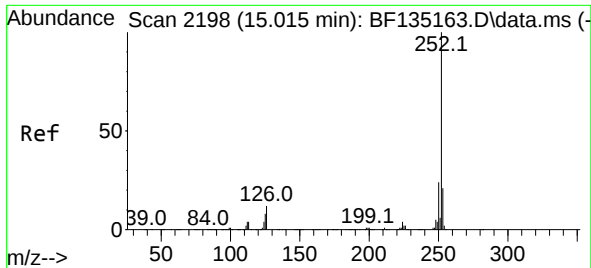


#88
Benzo(b)fluoranthene
Concen: 50.699 ng m
RT: 14.992 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30



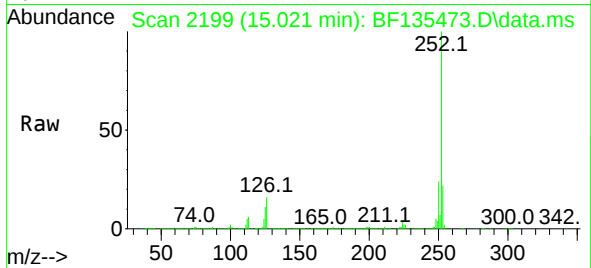
Tgt Ion:252 Resp: 1034896
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 10.9 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 46.662 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

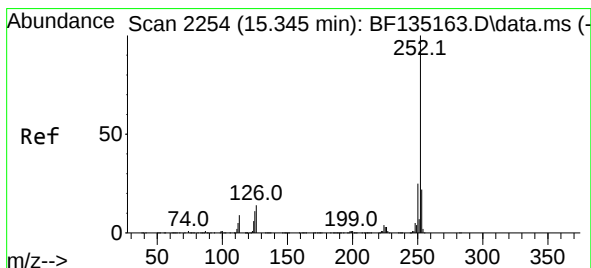
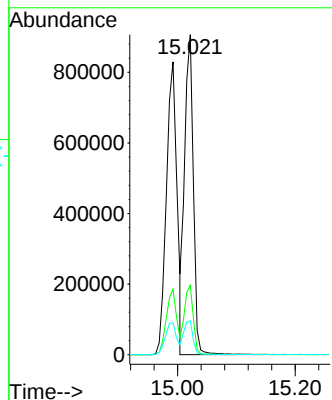
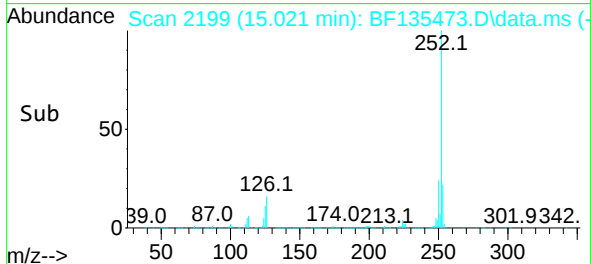
Instrument :
BNA_F
ClientSampleId :
TP-BCDMS



Tgt Ion:252 Resp: 94088
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.6 7.2 10.8

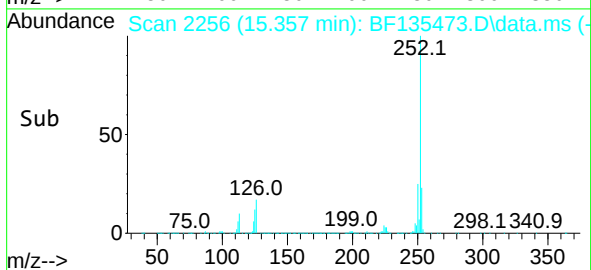
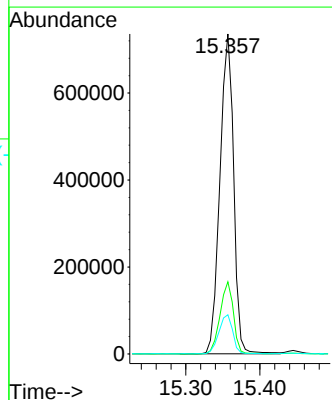
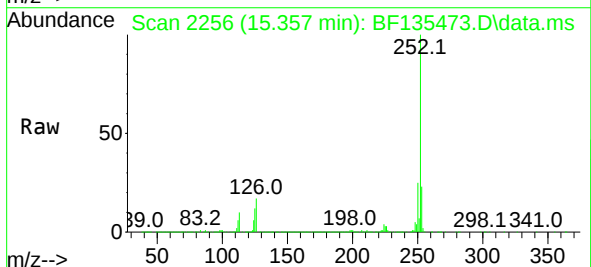
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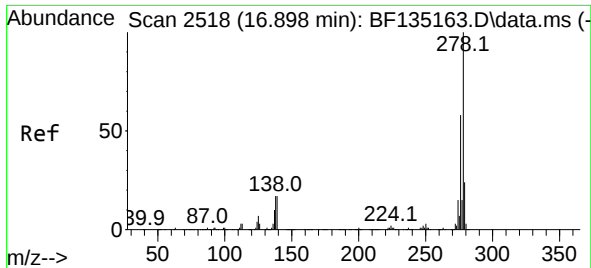
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#90
Benzo(a)pyrene
Concen: 48.557 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:252 Resp: 945214
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.209 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.024 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Instrument :

BNA_F

ClientSampleId :

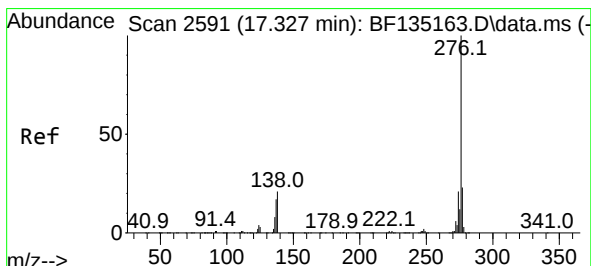
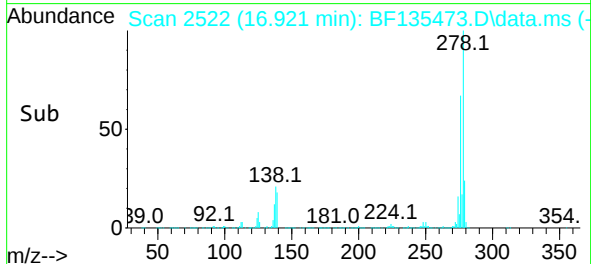
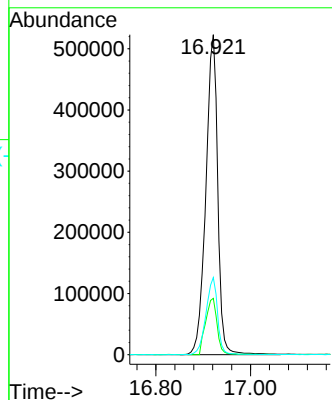
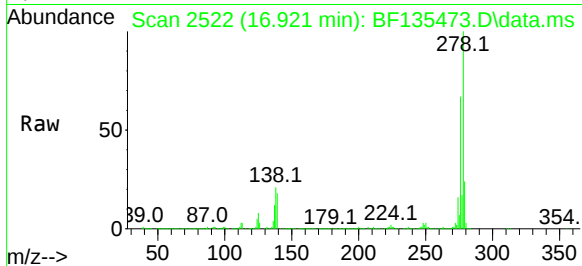
TP-BCDMS

Tgt Ion:278 Resp: 91454
Ion Ratio Lower Upper
278 100
139 17.6 13.4 20.0
279 24.1 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023
Supervised By :Jagrut Upadhyay 09/28/2023



#92
Benzo(g,h,i)perylene
Concen: 41.406 ng
RT: 17.357 min Scan# 2596
Delta R.T. 0.024 min
Lab File: BF135473.D
Acq: 27 Sep 2023 15:30

Tgt Ion:276 Resp: 874786
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 25.6 16.9 25.3#

