

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135312.D
 Acq On : 18 Sep 2023 18:10
 Operator : CG\JU
 Sample : 04336-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 19 00:13:13 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	116066	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	445290	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	217523	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	378088	20.000	ng	0.00
76) Chrysene-d12	13.945	240	175572	20.000	ng	0.00
86) Perylene-d12	15.410	264	243776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	668078	93.619	ng	0.01
7) Phenol-d6	6.404	99	847951	93.448	ng	0.00
23) Nitrobenzene-d5	7.322	82	533378	65.077	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	188342	87.129	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	923885	64.080	ng	-0.01
79) Terphenyl-d14	12.880	244	644376	56.894	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	128289	41.009	ng	98
3) Pyridine	3.281	79	330822	39.292	ng	93
4) n-Nitrosodimethylamine	3.252	42	221854	49.655	ng	94
6) Aniline	6.428	93	381004	32.019	ng	93
8) 2-Chlorophenol	6.545	128	366755	48.144	ng	99
9) Benzaldehyde	6.310	77	144432	27.940	ng	97
10) Phenol	6.422	94	435947	43.813	ng	79
11) bis(2-Chloroethyl)ether	6.504	93	345252	46.258	ng	99
12) 1,3-Dichlorobenzene	6.698	146	364712	47.108	ng	99
13) 1,4-Dichlorobenzene	6.775	146	375429	47.663	ng	98
14) 1,2-Dichlorobenzene	6.928	146	344791	47.136	ng	97
15) Benzyl Alcohol	6.910	79	313276	48.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	673464	47.871	ng	95
17) 2-Methylphenol	7.022	107	286900	42.678	ng	97
18) Hexachloroethane	7.263	117	137999	47.416	ng	94
19) n-Nitroso-di-n-propyla...	7.175	70	240271	42.749	ng	94
20) 3+4-Methylphenols	7.175	107	330153	40.843	ng	95
22) Acetophenone	7.169	105	463543	45.533	ng	98
24) Nitrobenzene	7.345	77	381567	47.101	ng	98
25) Isophorone	7.581	82	703822	46.765	ng	98
26) 2-Nitrophenol	7.657	139	193550	49.781	ng	96
27) 2,4-Dimethylphenol	7.698	122	280783	42.964	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	433094	48.079	ng	99
29) 2,4-Dichlorophenol	7.904	162	292122	48.239	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	307092	48.516	ng	98
31) Naphthalene	8.057	128	1014585	46.895	ng	99
32) Benzoic acid	7.839	122	226497	46.025	ng	94
33) 4-Chloroaniline	8.116	127	277059	29.188	ng	98
34) Hexachlorobutadiene	8.175	225	183640	48.115	ng	97
35) Caprolactam	8.492	113	100170m	49.286	ng	
36) 4-Chloro-3-methylphenol	8.604	107	317336	47.149	ng	98
37) 2-Methylnaphthalene	8.751	142	636480	43.765	ng	98
38) 1-Methylnaphthalene	8.851	142	610802	44.860	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	305662	48.504	ng	99
41) Hexachlorocyclopentadiene	8.904	237	185844	68.135	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	204289	49.512	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	218313	45.945	ng	99
46) 1,1'-Biphenyl	9.222	154	809766	48.442	ng	99
47) 2-Chloronaphthalene	9.245	162	600264	49.491	ng	99
48) 2-Nitroaniline	9.345	65	229046	48.610	ng	95
49) Acenaphthylene	9.657	152	986845	48.958	ng	99
50) Dimethylphthalate	9.528	163	711276	48.364	ng	100
51) 2,6-Dinitrotoluene	9.592	165	157165	48.782	ng	91
52) Acenaphthene	9.833	154	563186	47.296	ng	98
53) 3-Nitroaniline	9.757	138	133934	35.415	ng	99
54) 2,4-Dinitrophenol	9.875	184	135351	74.472	ng	94
55) Dibenzofuran	10.004	168	823822	45.338	ng	97
56) 4-Nitrophenol	9.939	139	209319	87.088	ng	95
57) 2,4-Dinitrotoluene	9.998	165	182537	45.257	ng	# 84
58) Fluorene	10.351	166	640644	45.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	175732	48.078	ng	98
60) Diethylphthalate	10.228	149	702209	47.577	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	303755	45.267	ng	99
62) 4-Nitroaniline	10.380	138	157928	43.444	ng	99
63) Azobenzene	10.504	77	680884	47.136	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	91859	45.743	ng	96
66) n-Nitrosodiphenylamine	10.463	169	595216	52.000	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	189741	50.458	ng	98
68) Hexachlorobenzene	10.898	284	200433	52.319	ng	95
69) Atrazine	10.998	200	175784	57.074	ng	99
70) Pentachlorophenol	11.098	266	182625	79.678	ng	98
71) Phenanthrene	11.316	178	877009	49.044	ng	99
72) Anthracene	11.369	178	877621	47.747	ng	99
73) Carbazole	11.527	167	768151	45.908	ng	99
74) Di-n-butylphthalate	11.857	149	1003807	50.912	ng	98
75) Fluoranthene	12.510	202	770150	41.333	ng	98
77) Benzidine	12.633	184	297716	82.770	ng	97
78) Pyrene	12.739	202	749249	44.823	ng	100
80) Butylbenzylphthalate	13.363	149	288170	48.964	ng	97
81) Benzo(a)anthracene	13.933	228	546728	48.224	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	183239	51.745	ng	# 96
83) Chrysene	13.968	228	543524	48.220	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	341119	56.482	ng	99
85) Di-n-octyl phthalate	14.545	149	619309	64.526	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	639482	40.009	ng	100
88) Benzo(b)fluoranthene	14.986	252	636780	48.254	ng	99
89) Benzo(k)fluoranthene	15.015	252	576352	44.213	ng	99
90) Benzo(a)pyrene	15.351	252	577894	45.921	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	526812	40.282	ng	100
92) Benzo(g,h,i)perylene	17.339	276	481005	35.217	ng	99

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

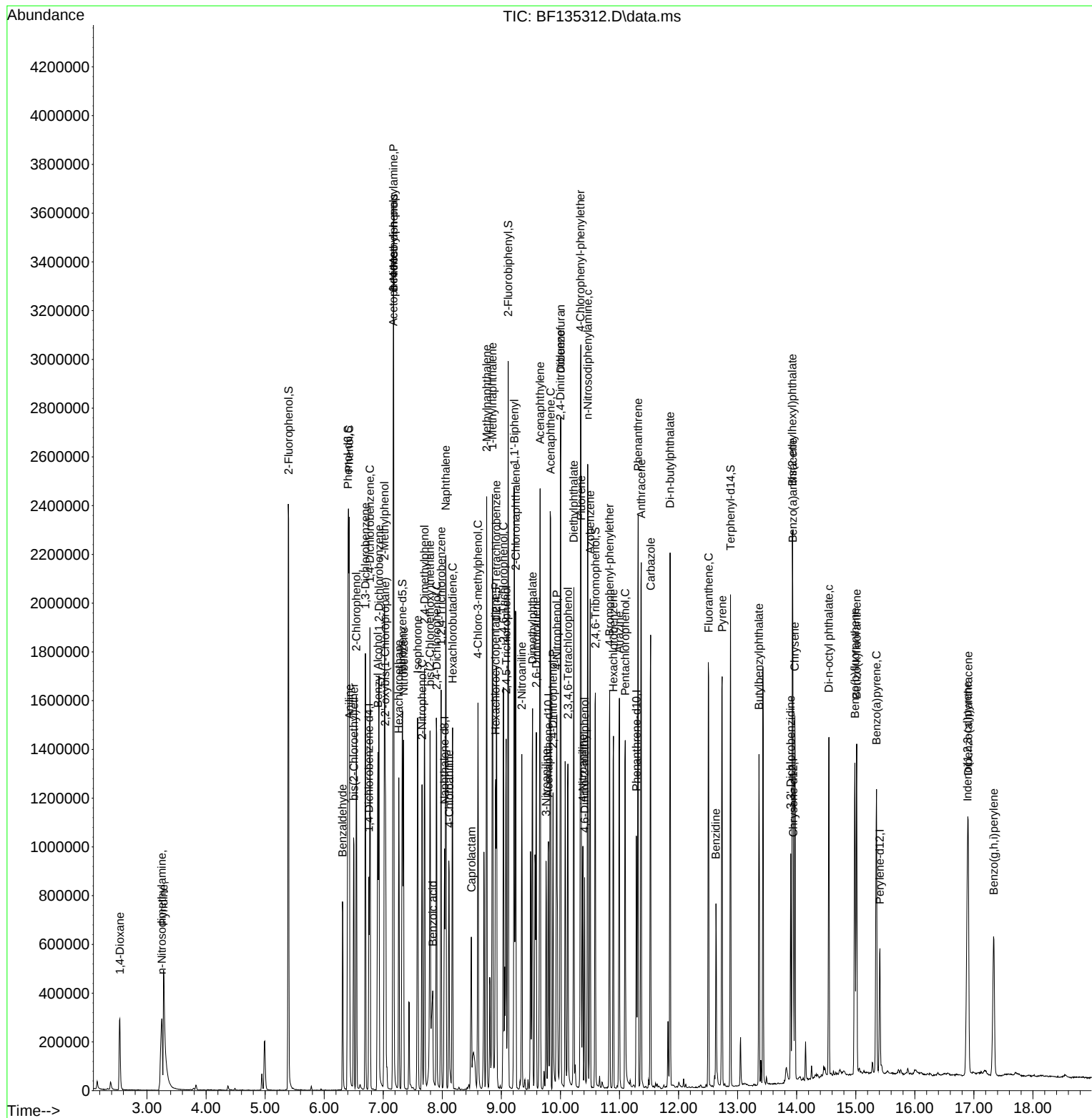
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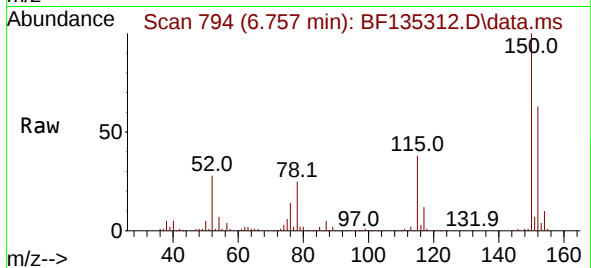
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

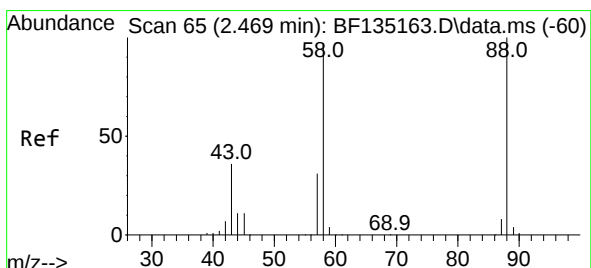
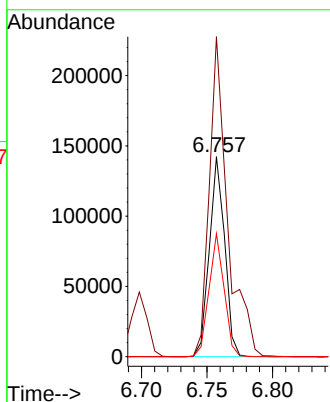
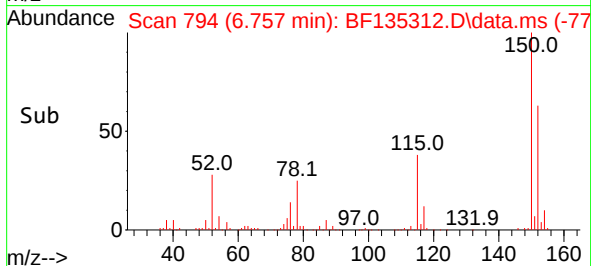
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:152 Resp: 116060
Ion Ratio Lower Upper
152 100
150 160.0 127.8 191.6
115 61.5 49.8 74.8

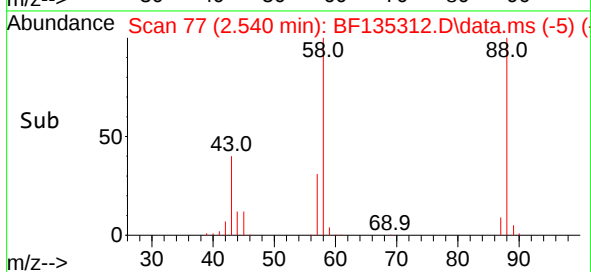
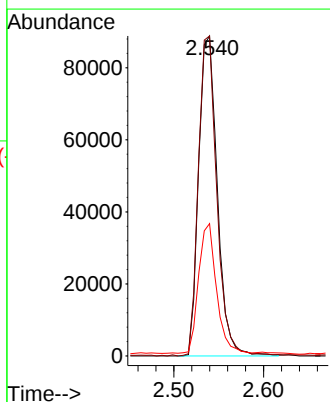
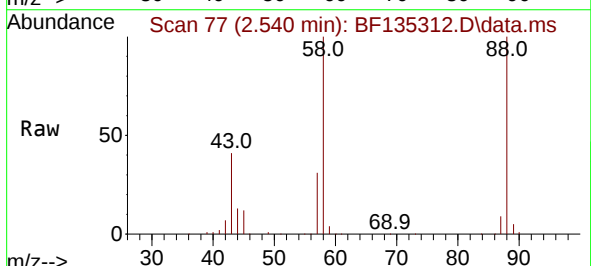
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#2
1,4-Dioxane
Concen: 41.009 ng
RT: 2.540 min Scan# 77
Delta R.T. 0.071 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

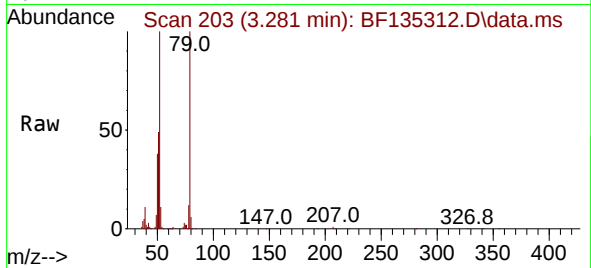
Tgt Ion: 88 Resp: 128289
Ion Ratio Lower Upper
88 100
58 99.8 78.3 117.5
43 38.9 29.4 44.0





#3
Pyridine
Concen: 39.292 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

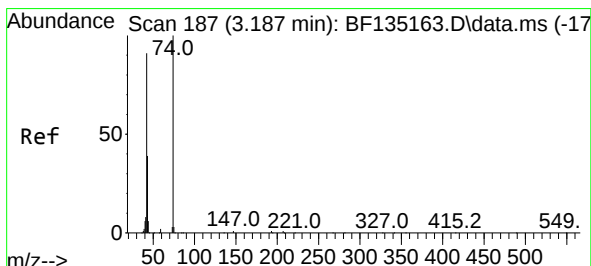
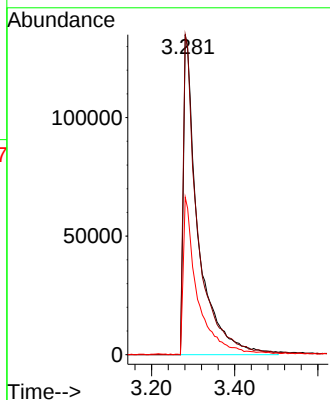
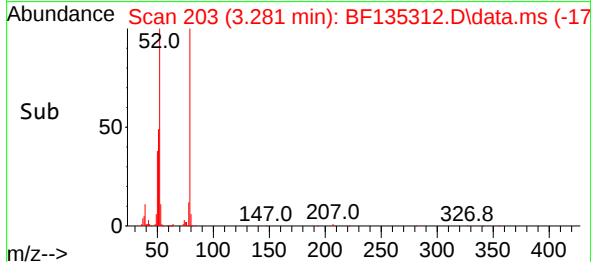
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion: 79 Resp: 33082
Ion Ratio Lower Upper
79 100
52 100.0 74.1 111.1
51 49.2 35.8 53.8

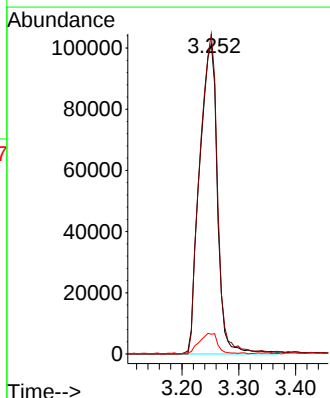
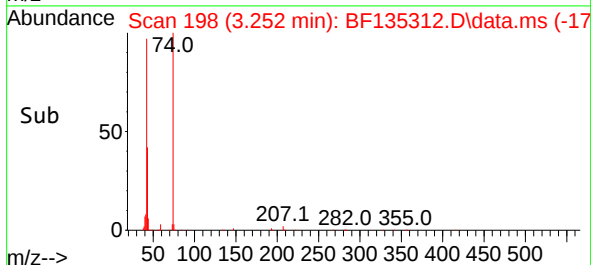
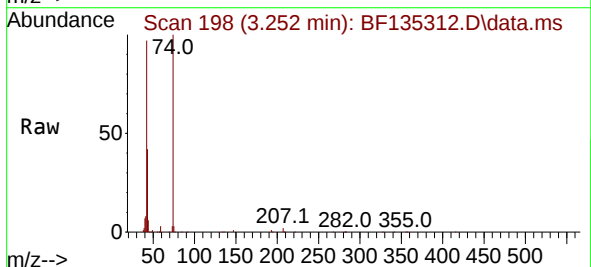
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#4
n-Nitrosodimethylamine
Concen: 49.655 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.065 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 42 Resp: 221854
Ion Ratio Lower Upper
42 100
74 103.2 87.7 131.5
44 6.3 5.6 8.4





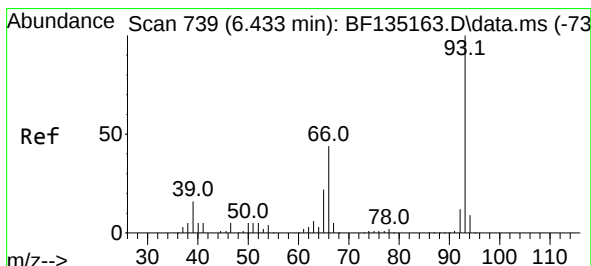
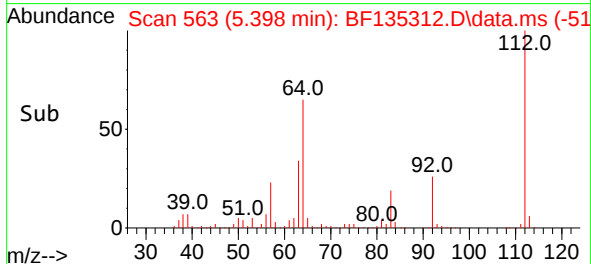
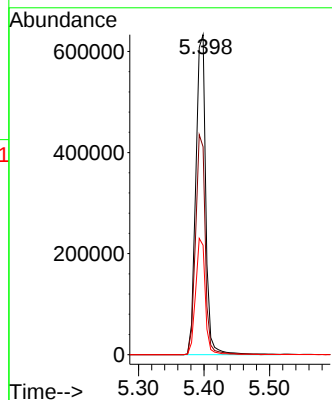
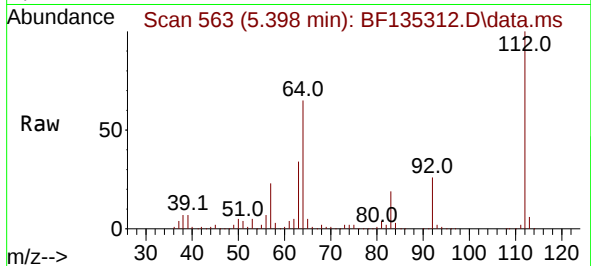
#5
2-Fluorophenol
Concen: 93.619 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion:112 Resp: 668078
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 34.2 29.0 43.6

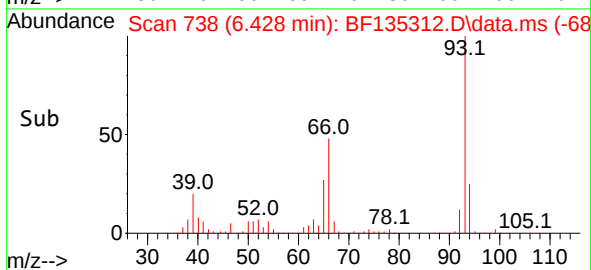
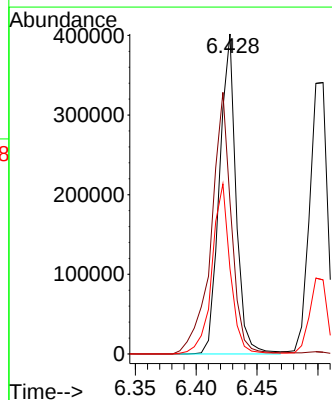
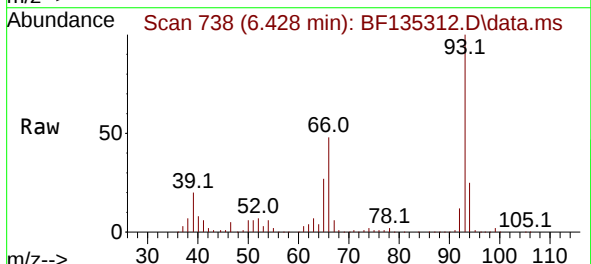
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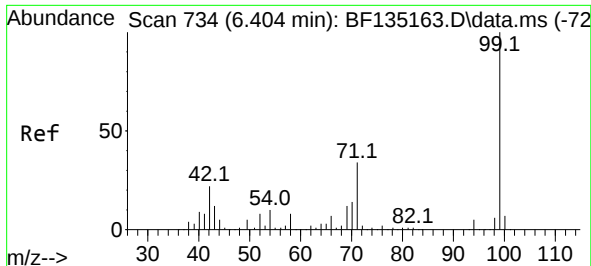
Reviewed By :Yogesh Patel 09/19/2023
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#6
Aniline
Concen: 32.019 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

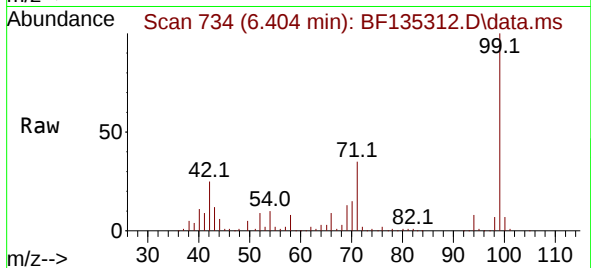
Tgt Ion: 93 Resp: 381004
Ion Ratio Lower Upper
93 100
66 47.7 35.4 53.0
65 26.7 17.8 26.8





#7
Phenol-d6
Concen: 93.448 ng
RT: 6.404 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

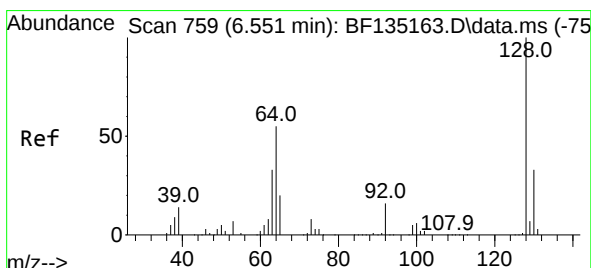
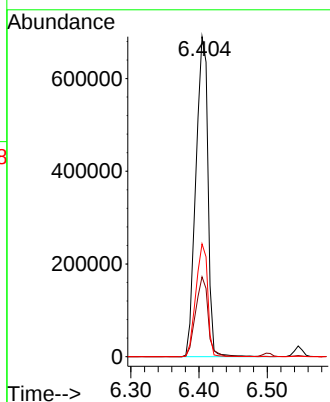
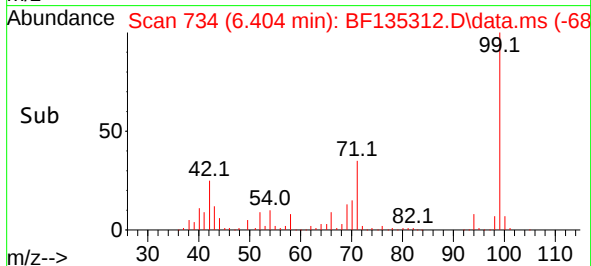
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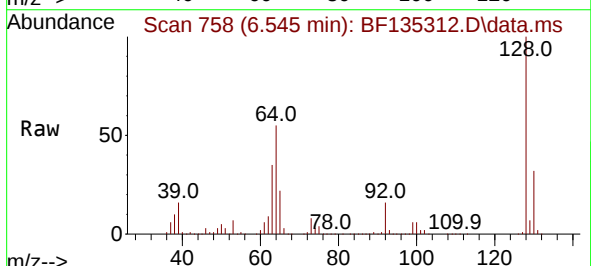
Tgt Ion: 99 Resp: 84795
Ion Ratio Lower Upper
99 100
42 24.9 17.9 26.9
71 35.3 27.0 40.6

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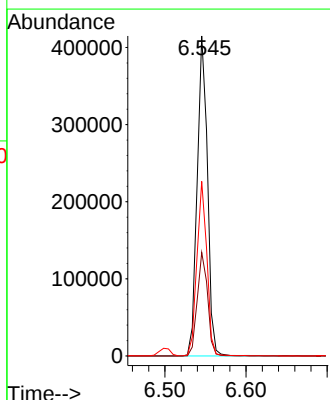
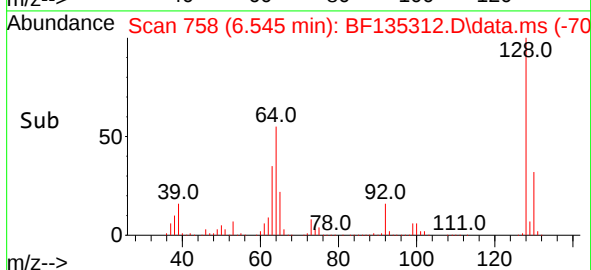
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#8
2-Chlorophenol
Concen: 48.144 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



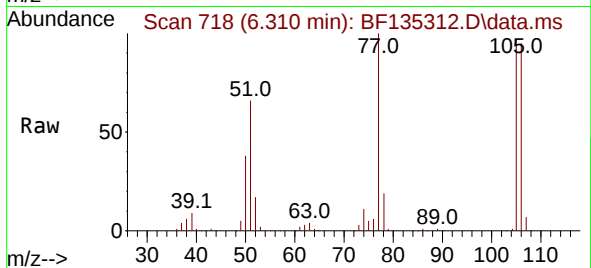
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Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 54.5 35.9 75.9





#9
Benzaldehyde
Concen: 27.940 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

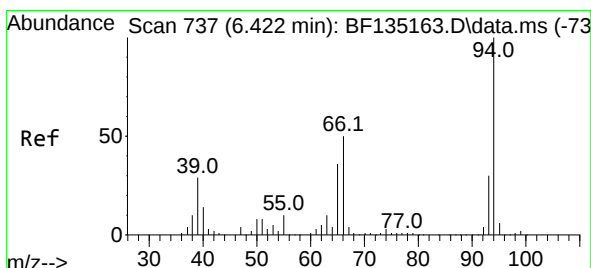
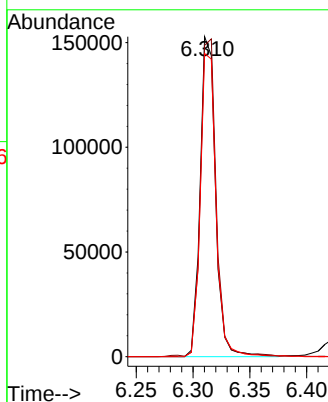
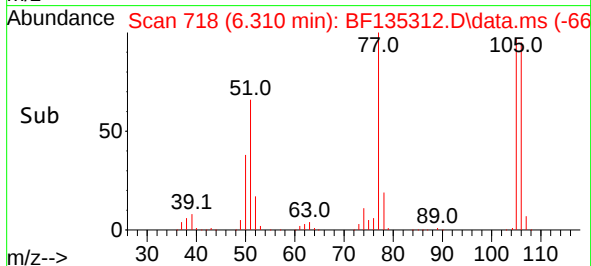
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Tgt Ion: 77 Resp: 14443
Ion Ratio Lower Upper
77 100
105 97.3 81.4 121.4
106 94.8 76.9 116.9

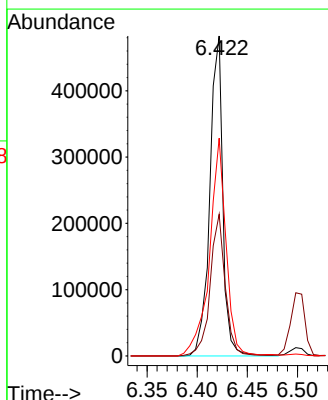
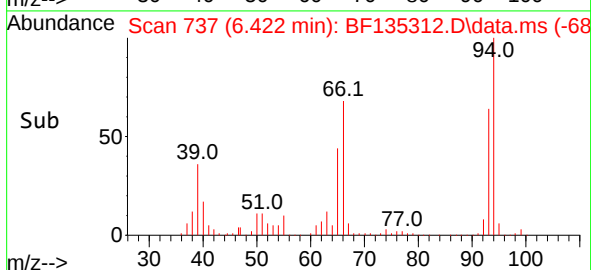
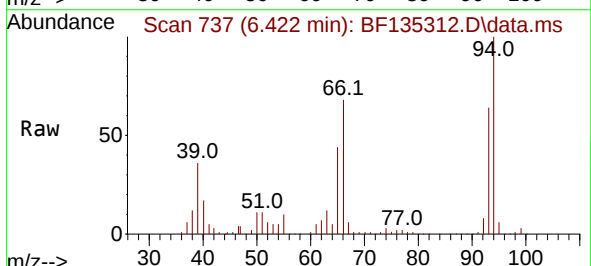
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#10
Phenol
Concen: 43.813 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 94 Resp: 435947
Ion Ratio Lower Upper
94 100
65 44.3 15.9 55.9
66 68.0 29.8 69.8





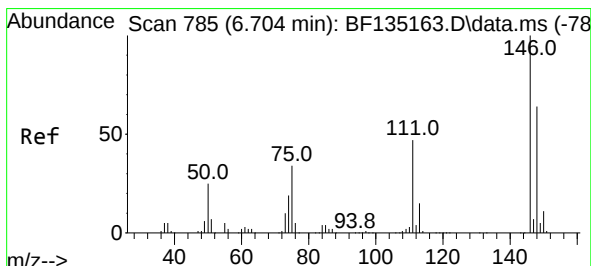
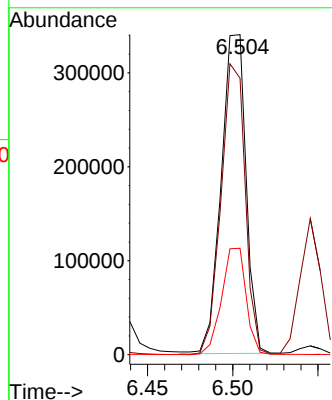
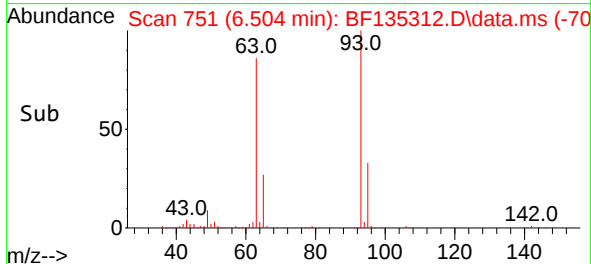
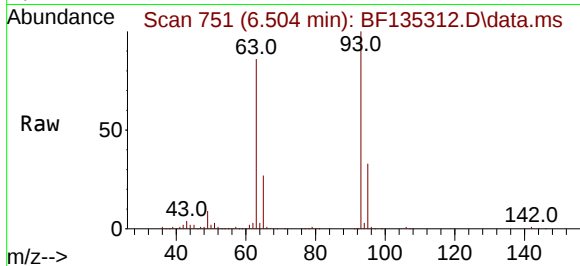
#11
bis(2-Chloroethyl)ether
Concen: 46.258 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion: 93 Resp: 34525
Ion Ratio Lower Upper
93 100
63 86.4 67.3 107.3
95 33.2 12.7 52.7

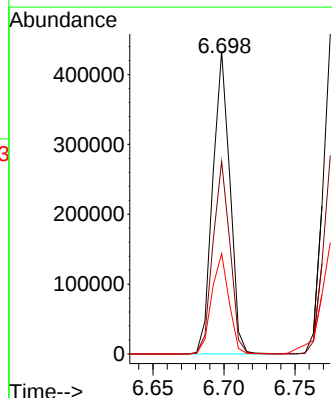
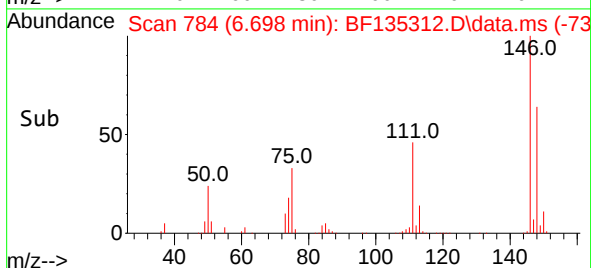
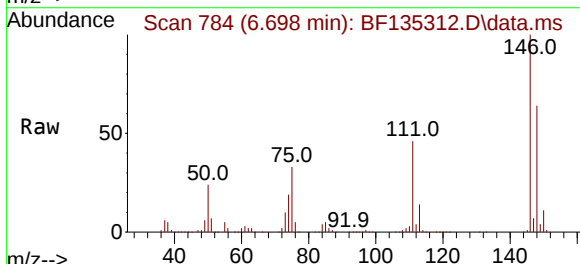
Manual Integrations
APPROVED

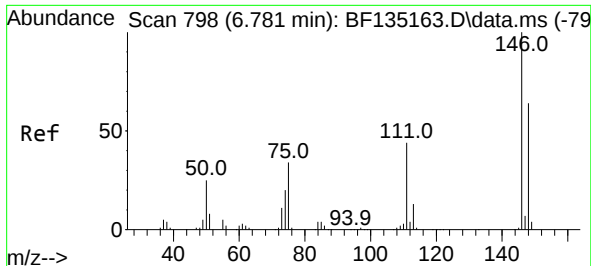
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 47.108 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

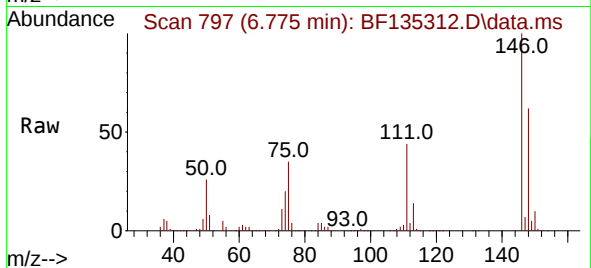
Tgt Ion:146 Resp: 364712
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.2 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 47.663 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

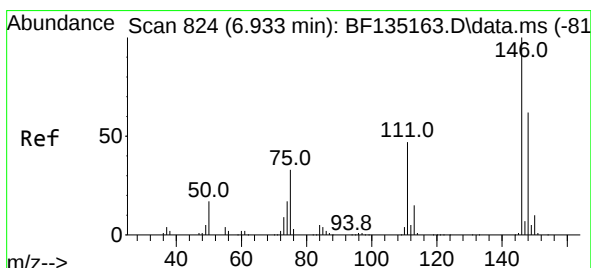
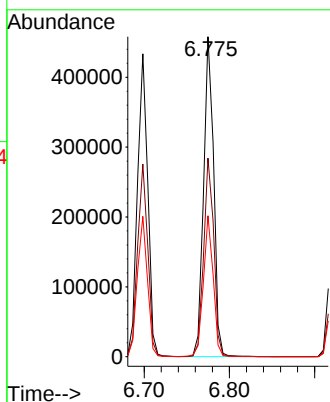
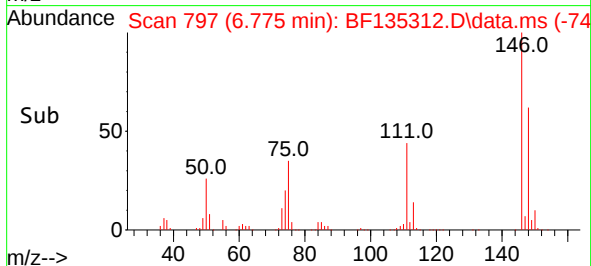
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



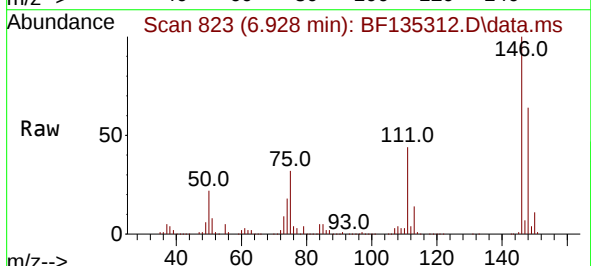
Tgt Ion:146 Resp: 375429
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
111 44.1 35.1 52.7

Manual Integrations
APPROVED

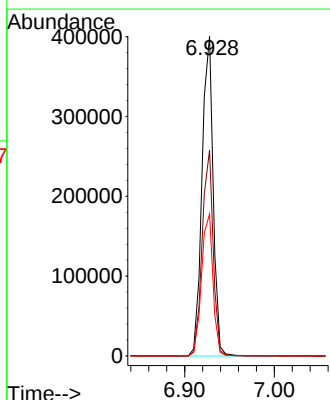
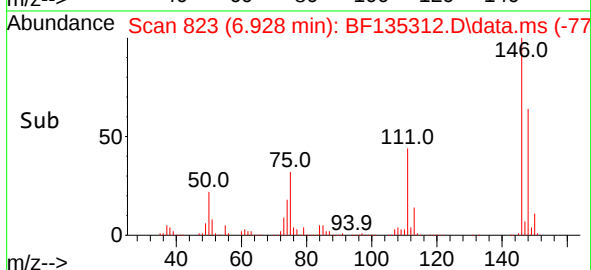
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

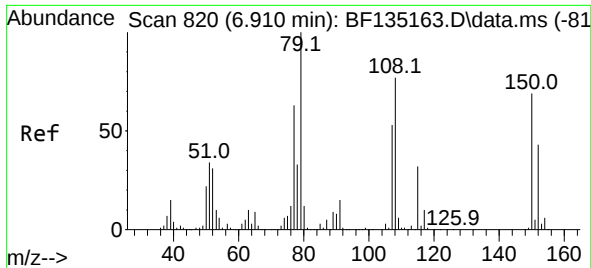


#14
1,2-Dichlorobenzene
Concen: 47.136 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



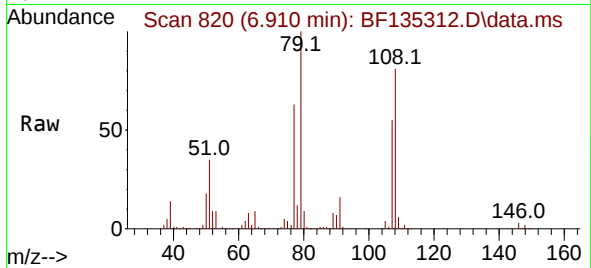
Tgt Ion:146 Resp: 344791
Ion Ratio Lower Upper
146 100
148 64.4 49.7 74.5
111 44.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.112 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

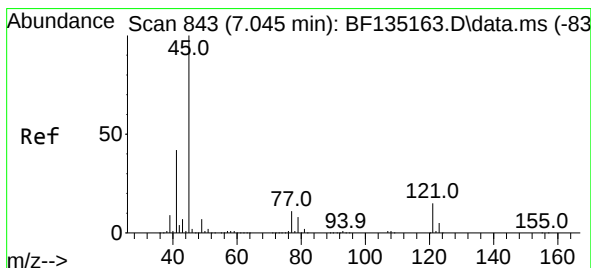
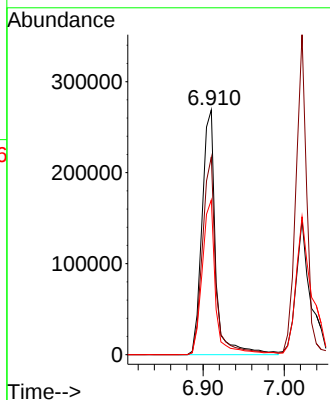
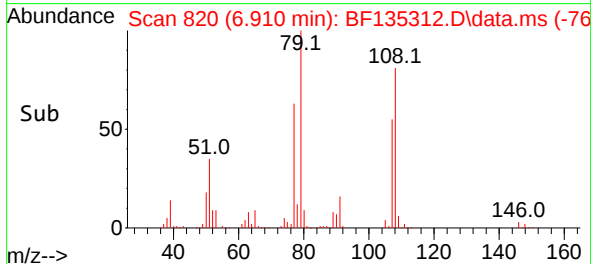
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion: 79 Resp: 313270
Ion Ratio Lower Upper
79 100
108 80.7 61.2 91.8
77 63.2 50.5 75.7

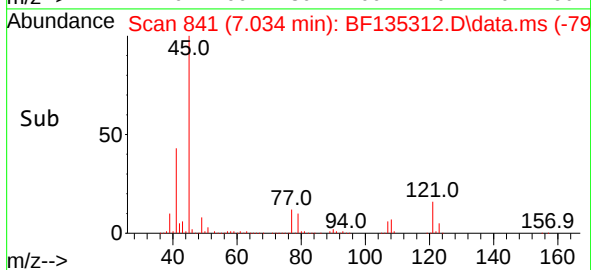
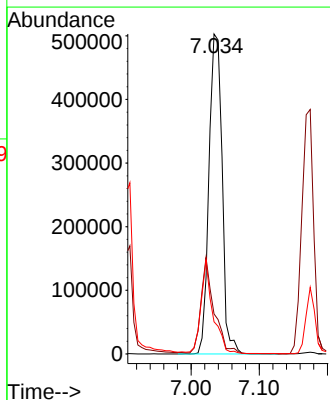
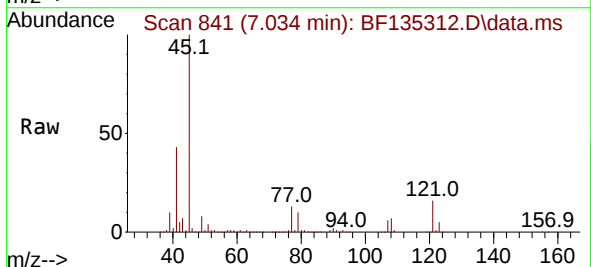
Manual Integrations
APPROVED

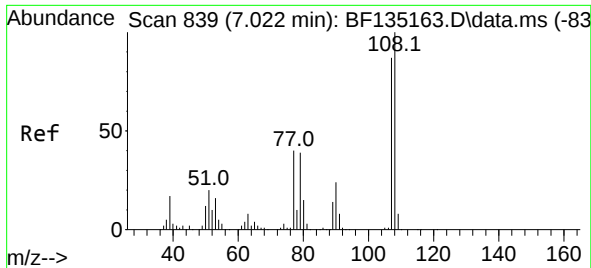
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.871 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

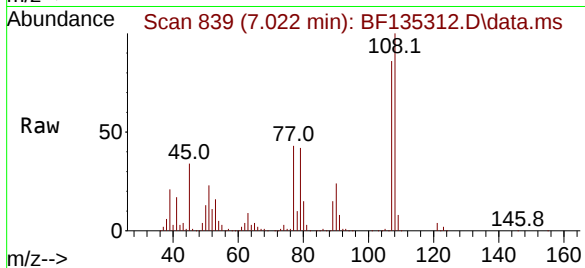
Tgt Ion: 45 Resp: 673464
Ion Ratio Lower Upper
45 100
77 12.5 0.0 30.6
79 10.1 0.0 28.3





#17
2-Methylphenol
Concen: 42.678 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

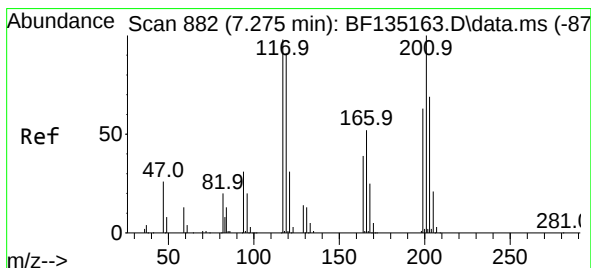
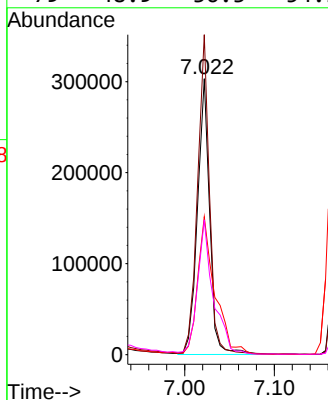
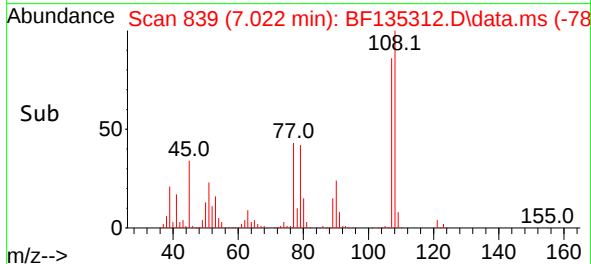
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



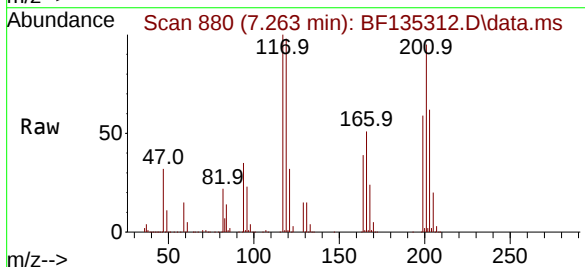
Tgt Ion:107 Resp: 286900
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 50.0 36.7 55.1
79 48.9 36.3 54.5

Manual Integrations
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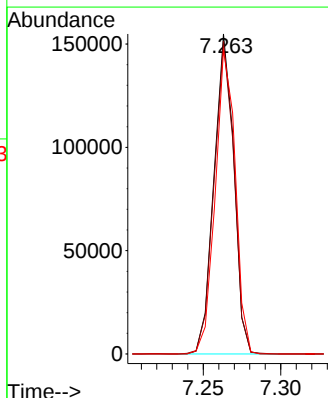
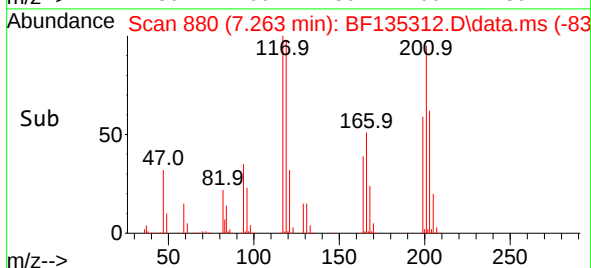
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#18
Hexachloroethane
Concen: 47.416 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



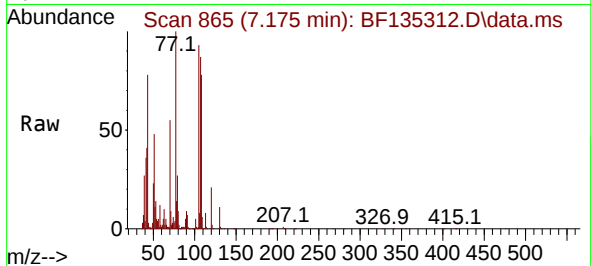
Tgt Ion:117 Resp: 137999
Ion Ratio Lower Upper
117 100
119 97.8 74.7 112.1
201 95.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.749 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

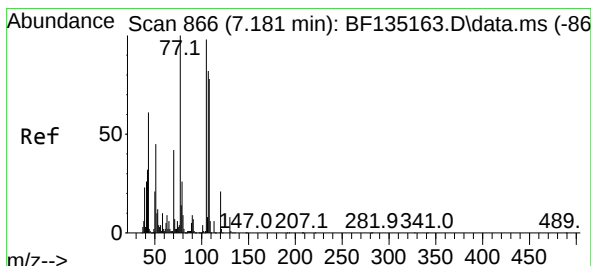
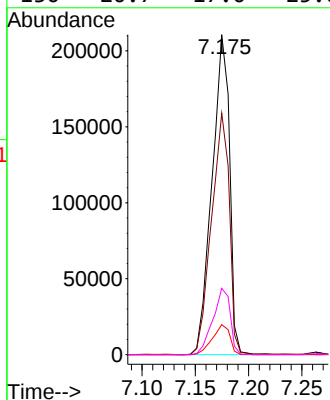
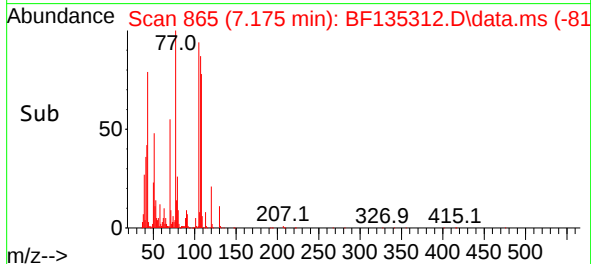
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion: 70 Resp: 24027
Ion Ratio Lower Upper
70 100
42 75.5 55.4 83.0
101 9.4 7.7 11.5
130 20.7 17.0 25.6

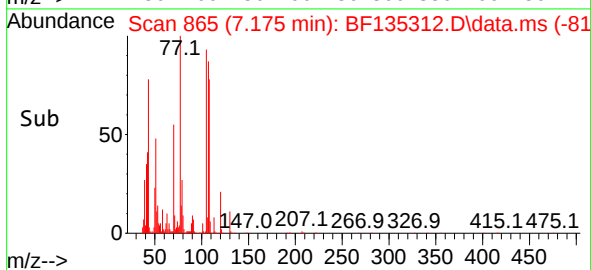
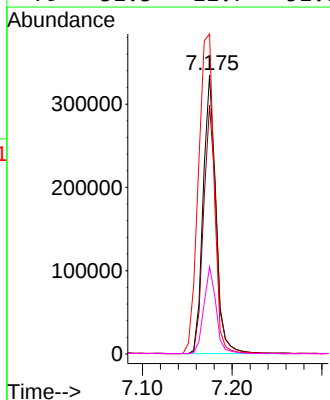
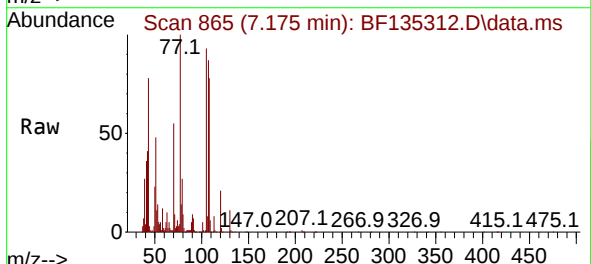
Manual Integrations
APPROVED

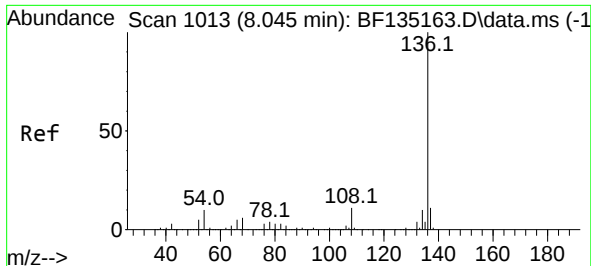
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#20
3+4-Methylphenols
Concen: 40.843 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

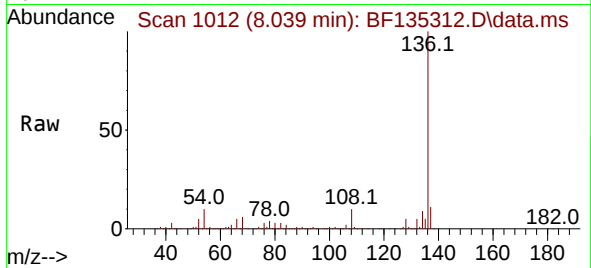
Tgt Ion:107 Resp: 330153
Ion Ratio Lower Upper
107 100
108 89.1 74.7 114.7
77 114.7 102.0 142.0
79 31.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

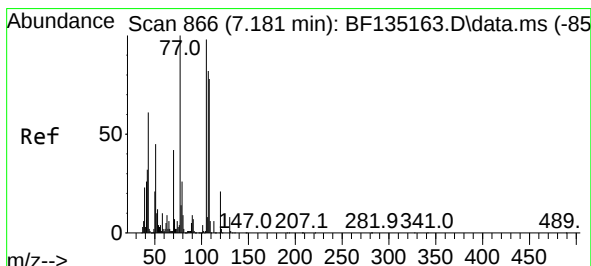
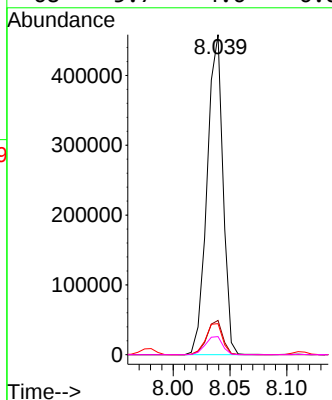
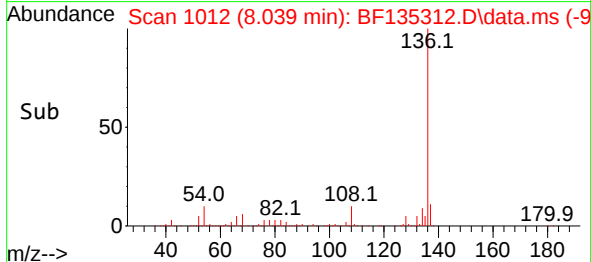
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:136 Resp: 445290
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.7 7.7 11.5
68 5.7 4.6 6.8

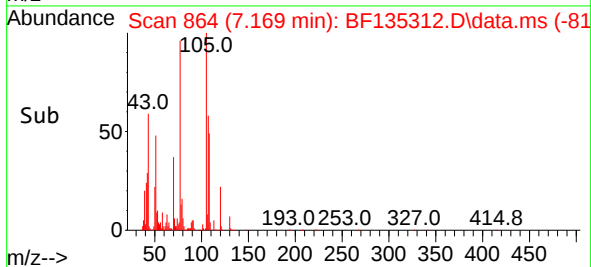
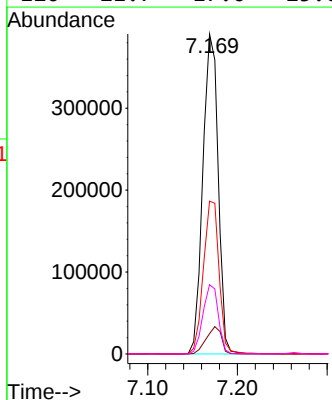
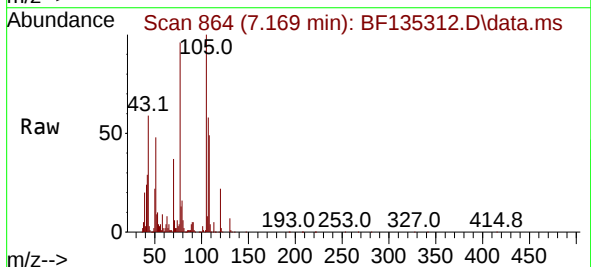
Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 45.533 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:105 Resp: 463543
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.6
51 47.7 37.0 55.4
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 65.077 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS

Tgt Ion: 82 Resp: 533378

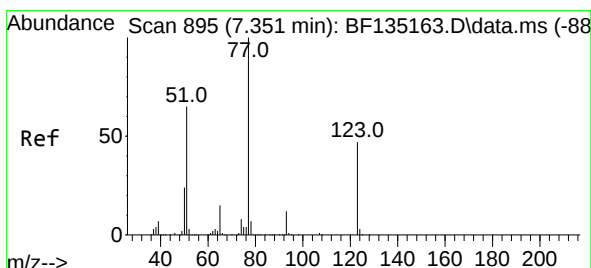
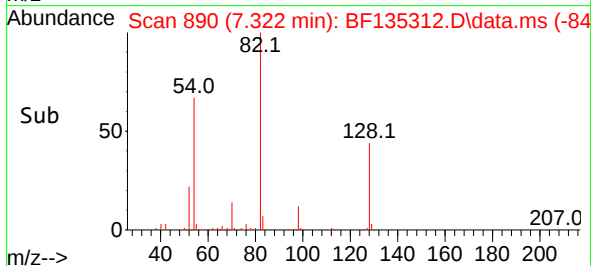
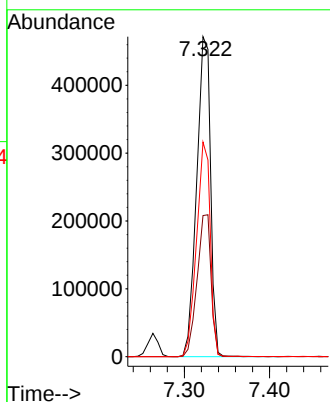
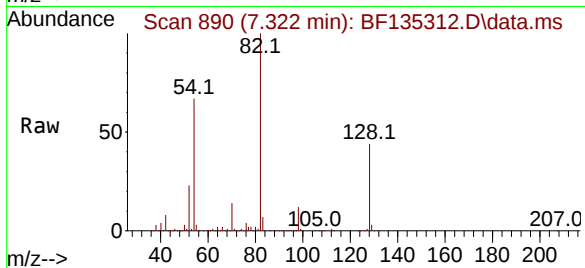
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.6
54	67.0	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 47.101 ng

RT: 7.345 min Scan# 894

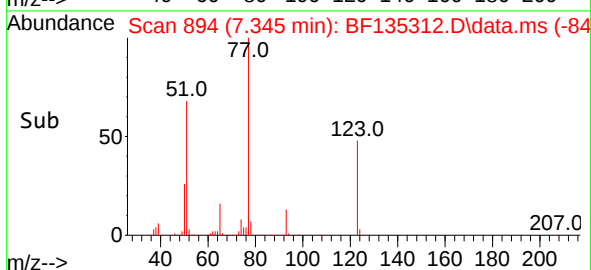
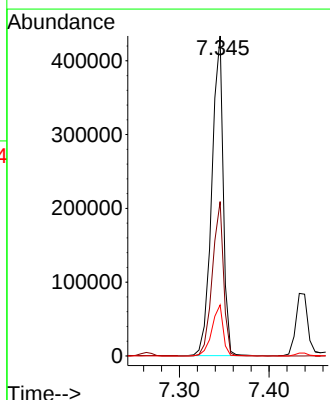
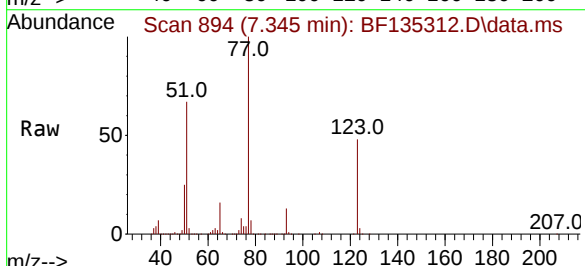
Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion: 77 Resp: 381567

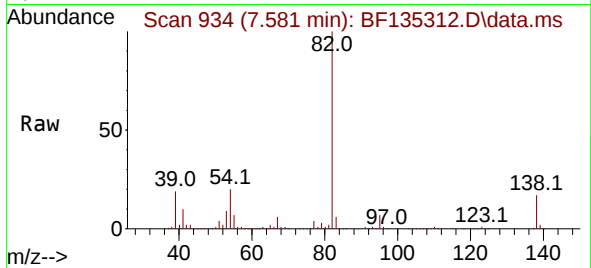
Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.6	56.4
65	15.9	12.2	18.4





#25
Isophorone
Concen: 46.765 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

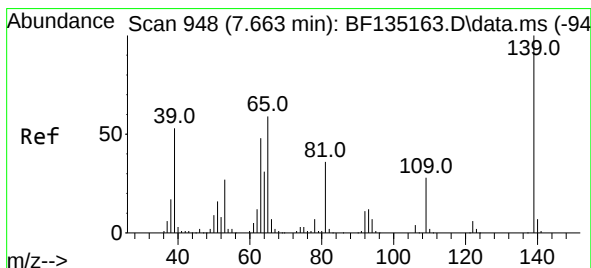
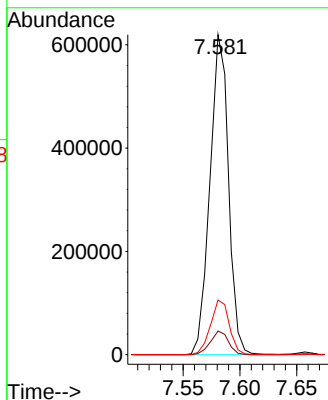
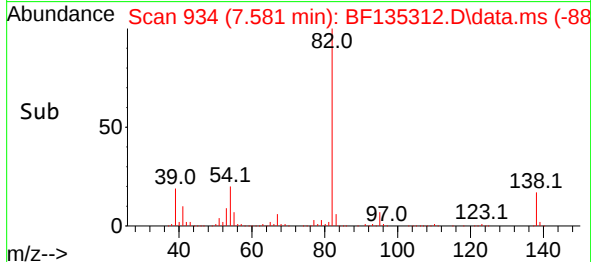
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion: 82 Resp: 70382
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 17.1 14.5 21.7

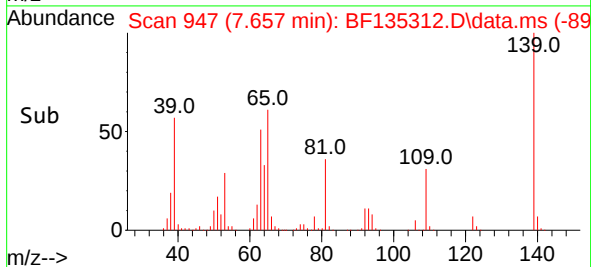
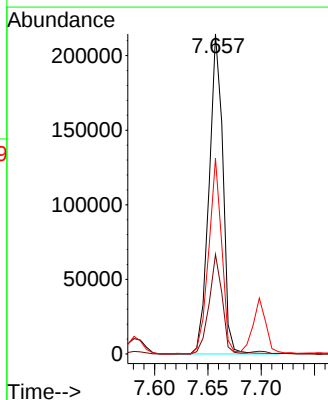
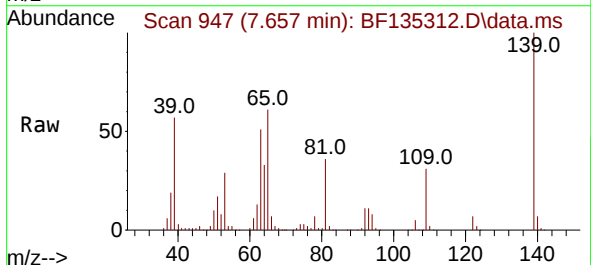
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 49.781 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:139 Resp: 193550
Ion Ratio Lower Upper
139 100
109 31.1 22.6 33.8
65 61.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.964 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135312.D

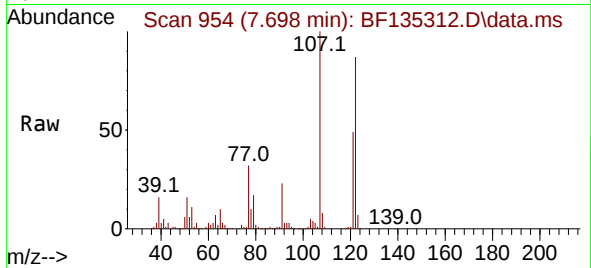
Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS



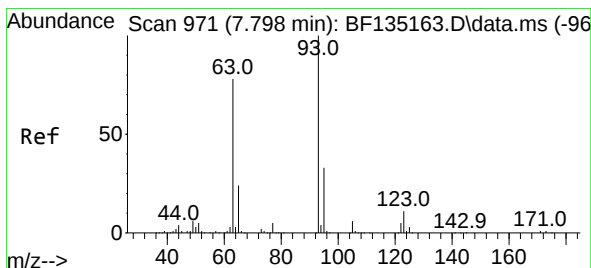
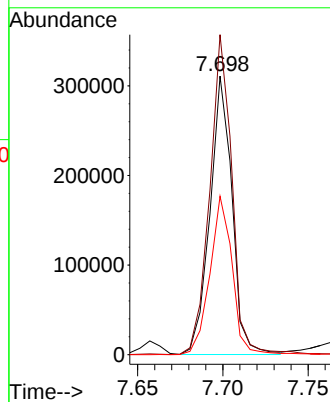
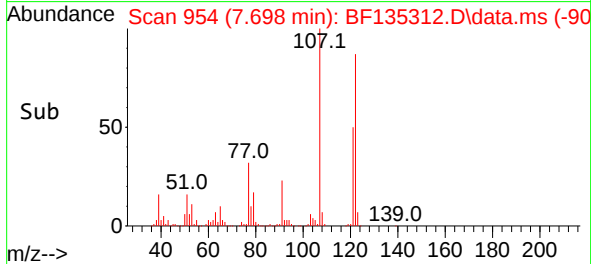
Tgt Ion:	122	Resp:	28078
Ion Ratio	Lower	Upper	
122	100		
107	114.9	90.2	135.4
121	56.9	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.079 ng

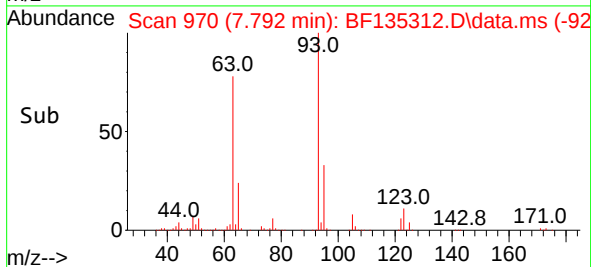
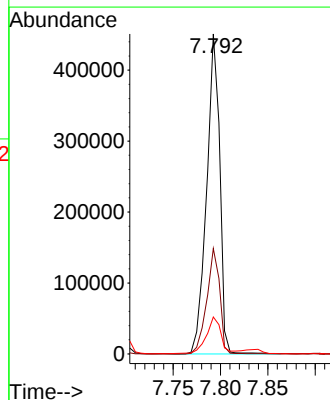
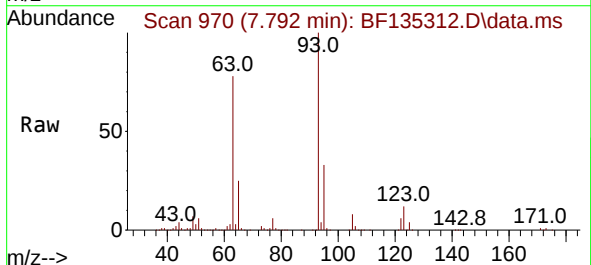
RT: 7.792 min Scan# 970

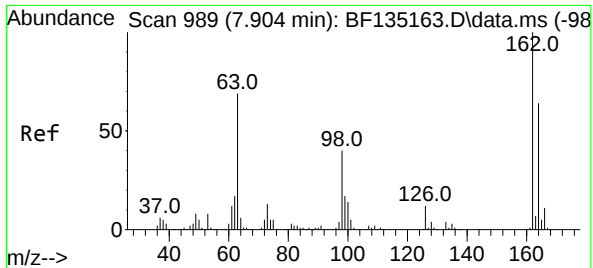
Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:	93	Resp:	433094
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.2
123	11.6	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 48.239 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS

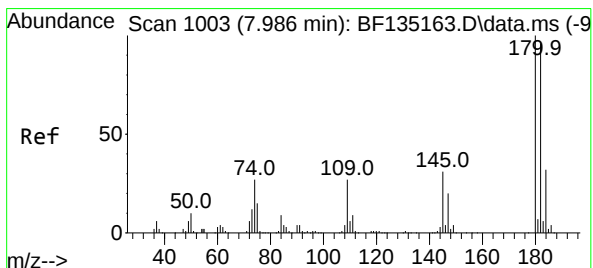
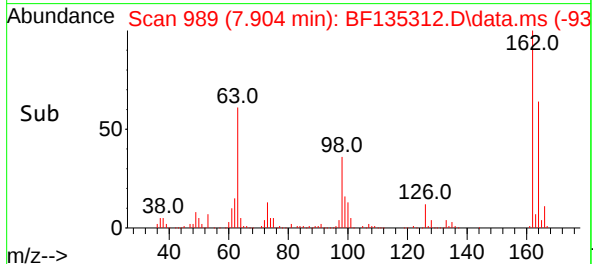
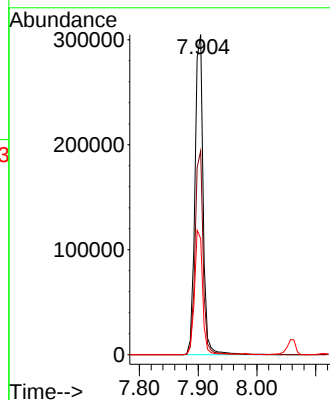
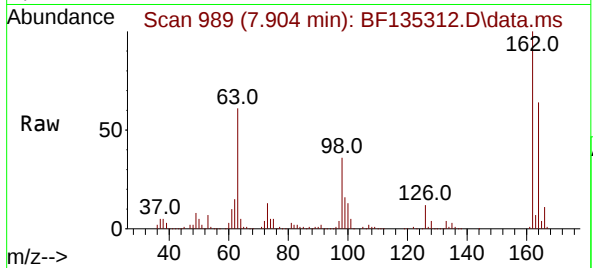
Tgt Ion:	162	Resp:	29212
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.1	84.1
98	36.3	20.3	60.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.516 ng

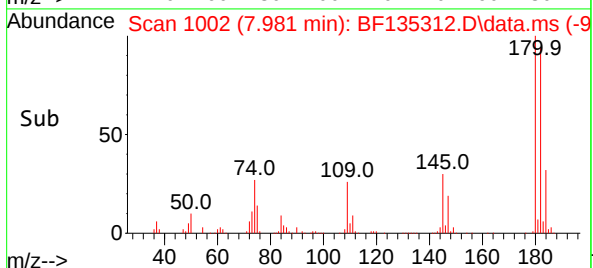
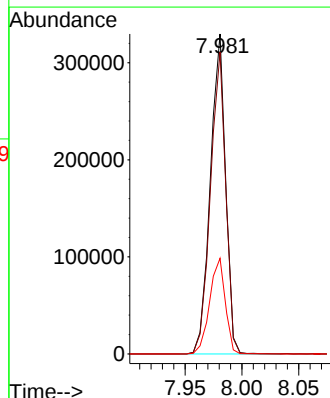
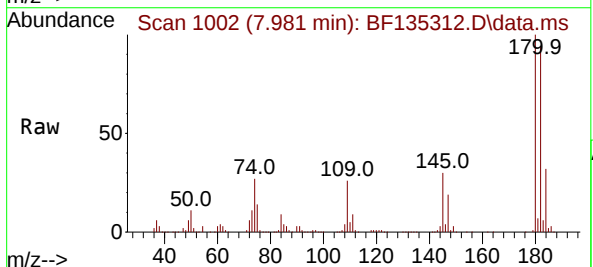
RT: 7.981 min Scan# 1002

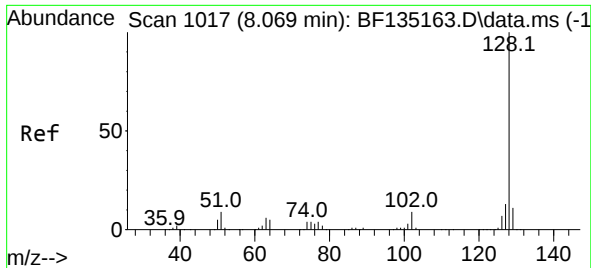
Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

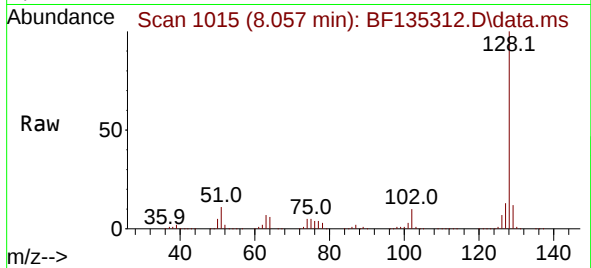
Tgt Ion:	180	Resp:	307092
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.9	115.3
145	29.9	24.5	36.7





#31
Naphthalene
Concen: 46.895 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

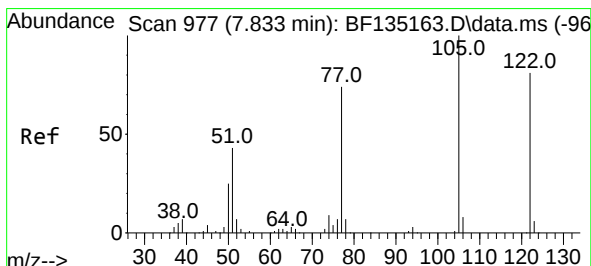
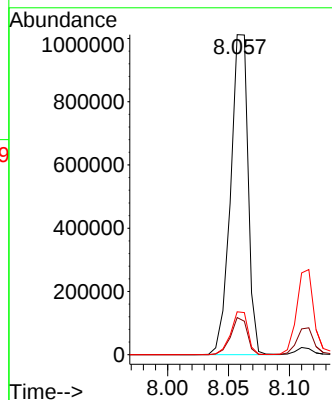
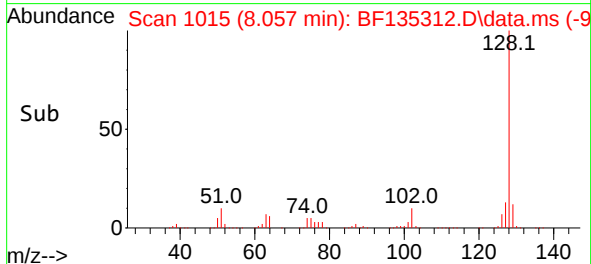
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:128 Resp: 101458
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.4 10.7 16.1

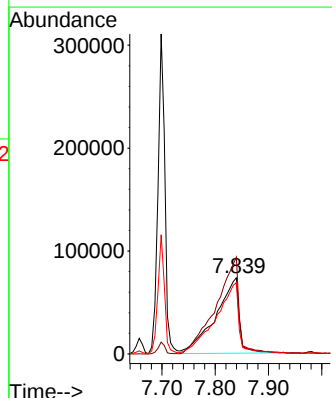
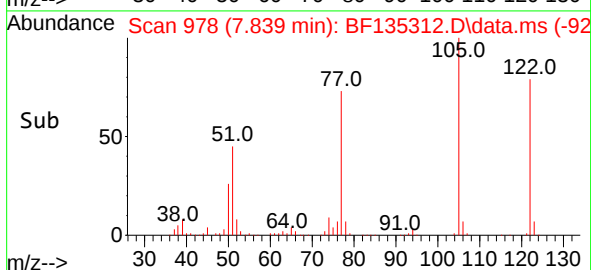
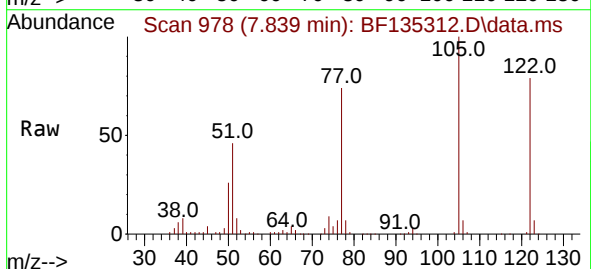
Manual Integrations
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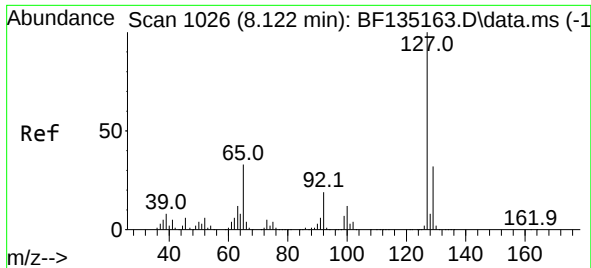
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 46.025 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:122 Resp: 226497
Ion Ratio Lower Upper
122 100
105 127.3 99.9 139.9
77 93.8 70.0 110.0





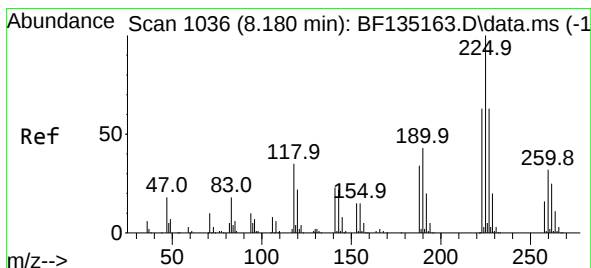
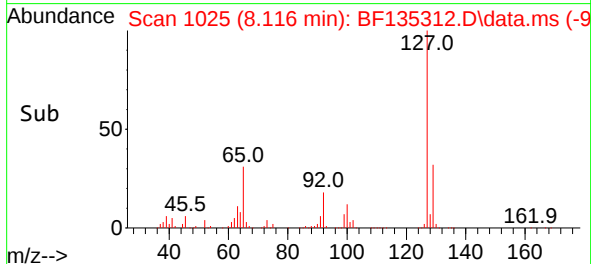
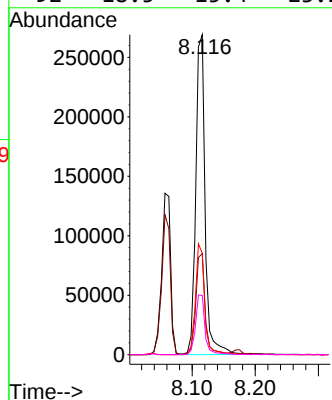
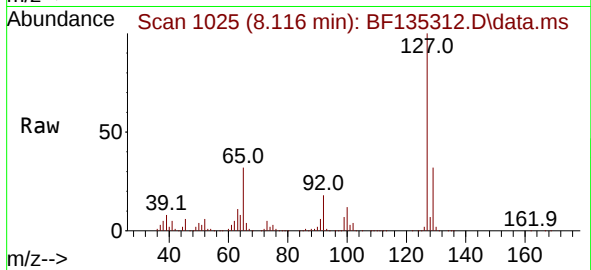
#33
4-Chloroaniline
Concen: 29.188 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion:127 Resp: 277059
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 31.7 26.6 39.8
92 18.5 15.4 23.2

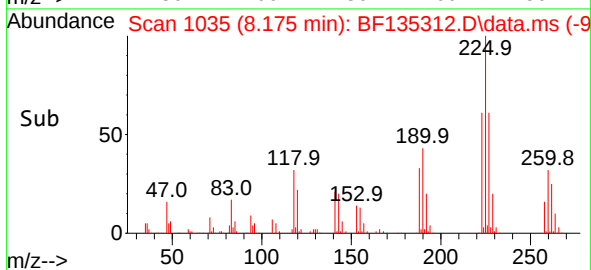
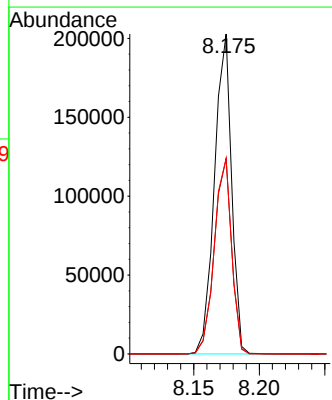
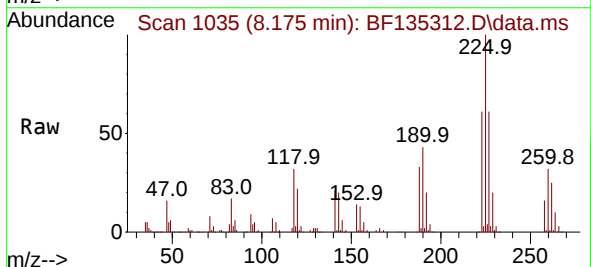
Manual Integrations
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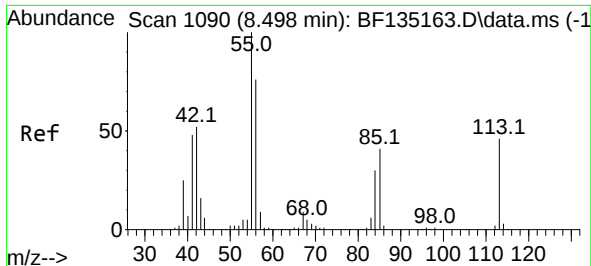
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#34
Hexachlorobutadiene
Concen: 48.115 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

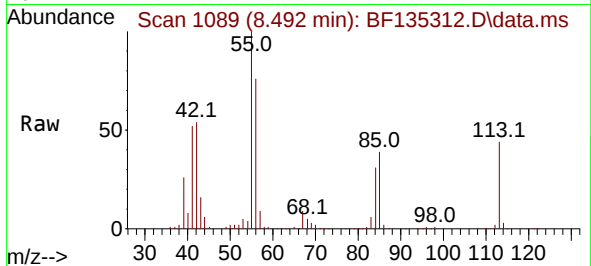
Tgt Ion:225 Resp: 183640
Ion Ratio Lower Upper
225 100
223 61.0 50.6 75.8
227 61.1 50.8 76.2





#35
 Caprolactam
 Concen: 49.286 ng m
 RT: 8.492 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

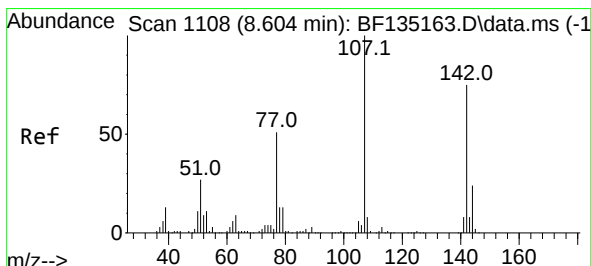
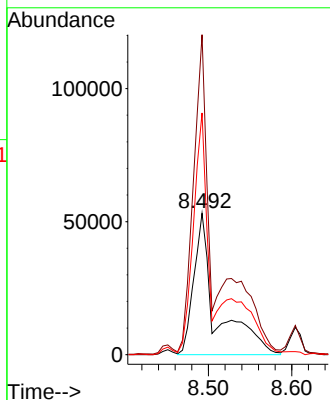
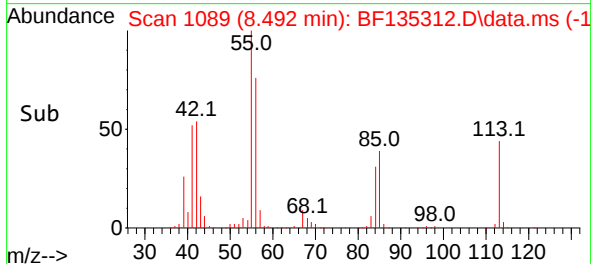
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMS



Tgt Ion:113 Resp: 100170
 Ion Ratio Lower Upper
 113 100
 55 226.2 199.3 239.3
 56 171.0 146.3 186.3

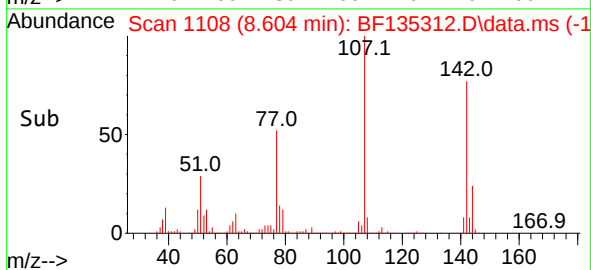
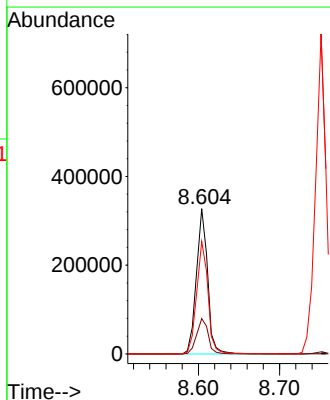
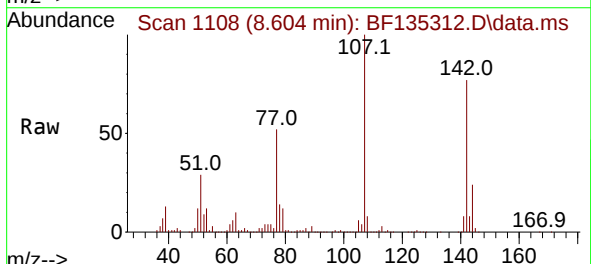
Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.149 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135312.D
 Acq: 18 Sep 2023 18:10

Tgt Ion:107 Resp: 317336
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.4
 142 77.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.765 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS

Tgt Ion:142 Resp: 636480

Ion Ratio Lower Upper

142 100

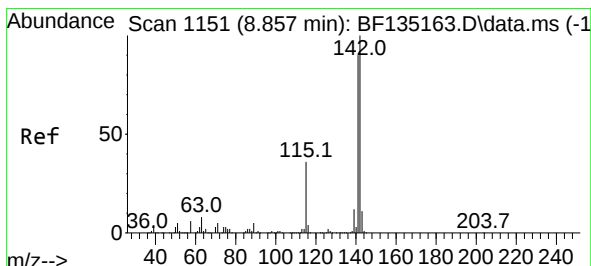
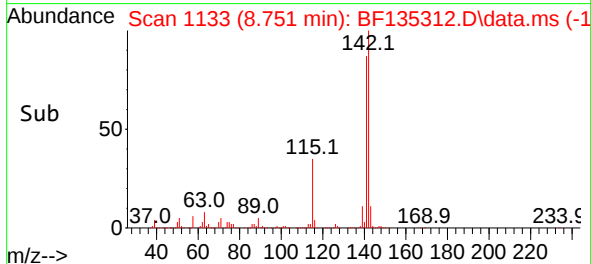
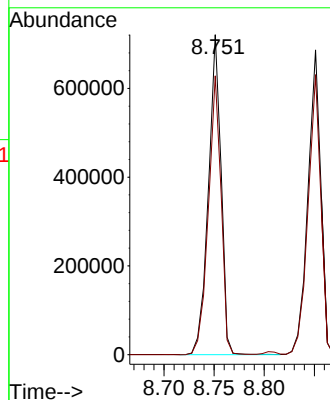
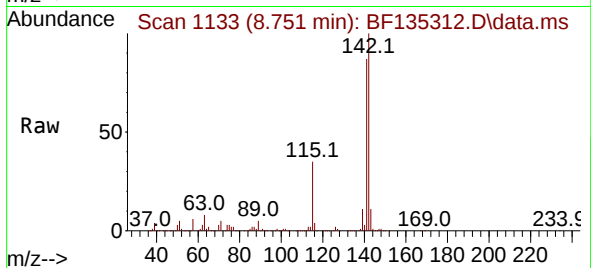
141 87.2 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#38

1-Methylnaphthalene

Concen: 44.860 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135312.D

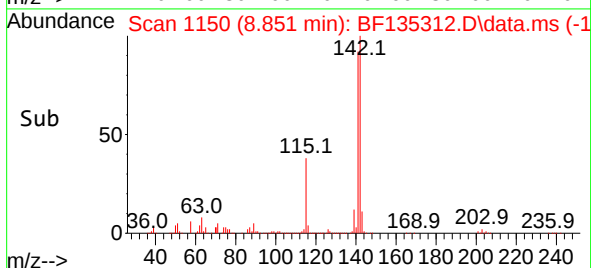
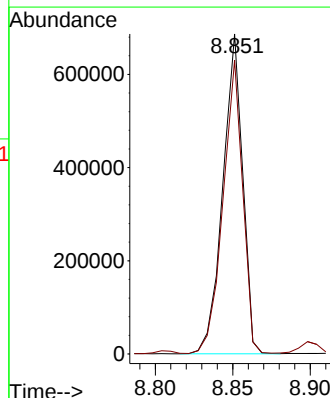
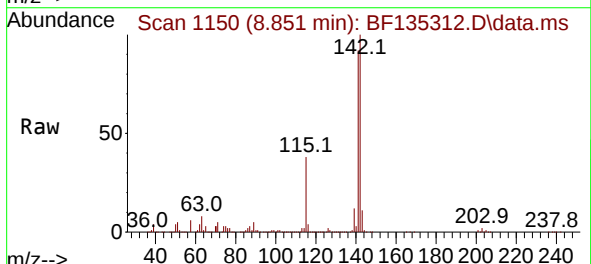
Acq: 18 Sep 2023 18:10

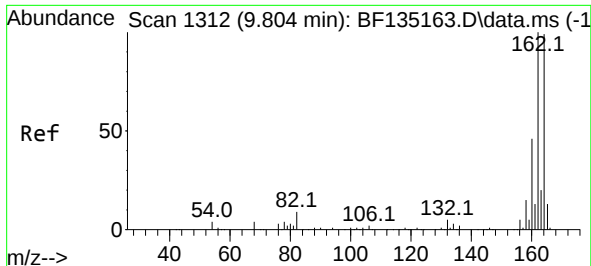
Tgt Ion:142 Resp: 610802

Ion Ratio Lower Upper

142 100

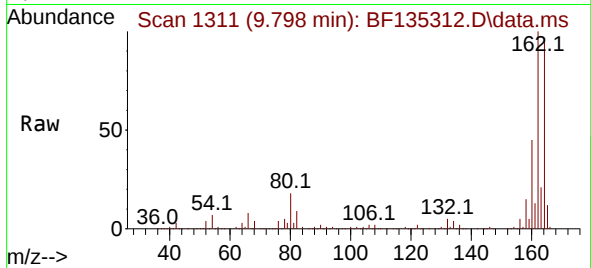
141 91.9 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

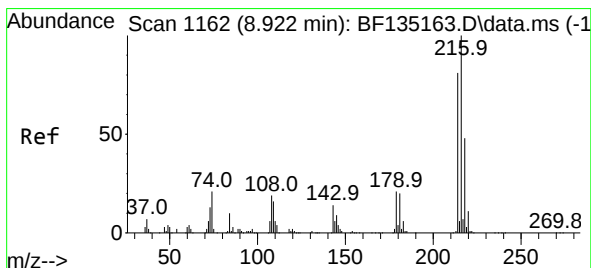
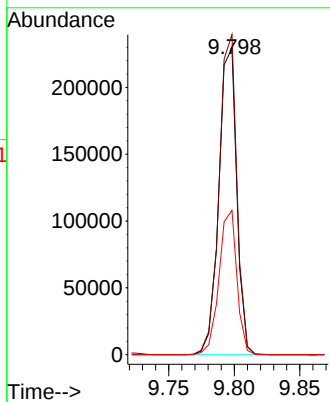
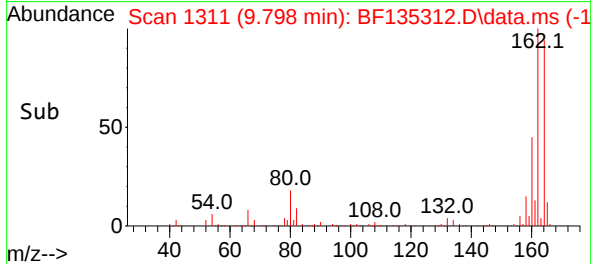
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



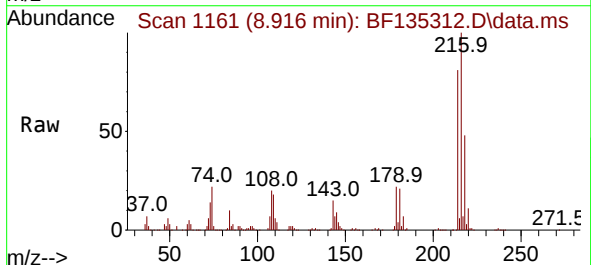
Tgt Ion:164 Resp: 21752
Ion Ratio Lower Upper
164 100
162 104.4 81.0 121.4
160 47.1 37.0 55.4

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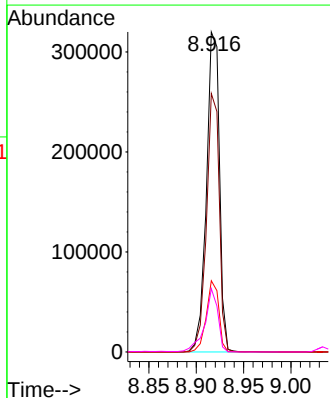
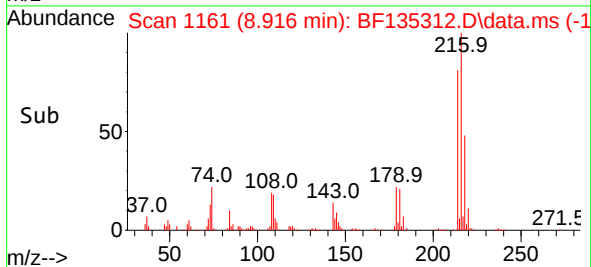
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.504 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



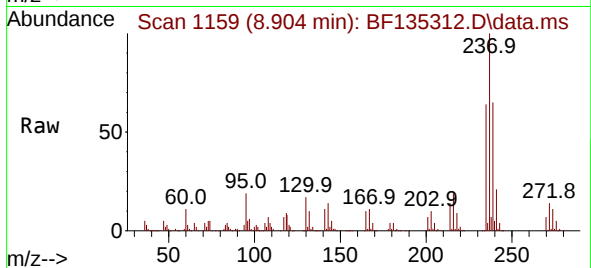
Tgt Ion:216 Resp: 305662
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.3 16.7 25.1
108 20.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 68.135 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

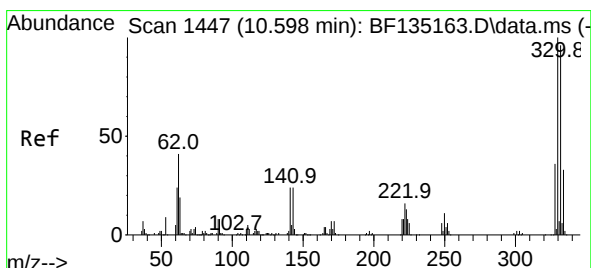
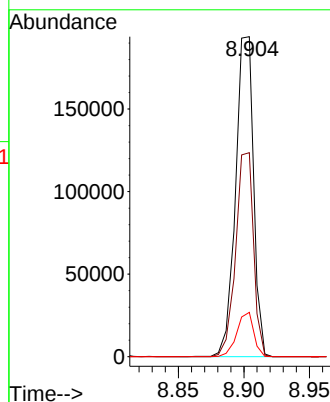
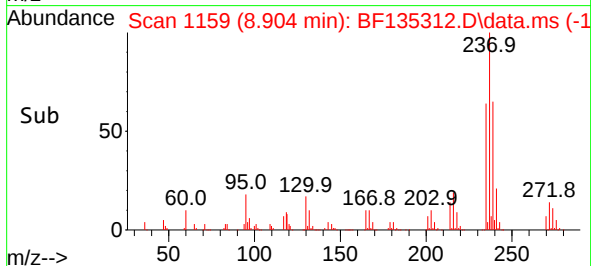
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



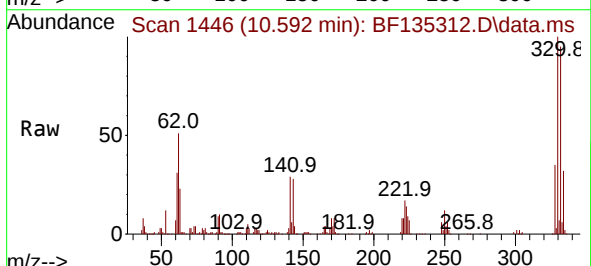
Tgt Ion: 237 Resp: 185844
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.9 0.0 33.6

Manual Integrations
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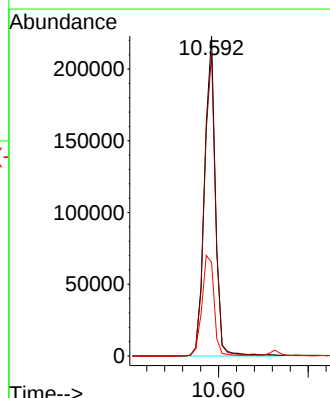
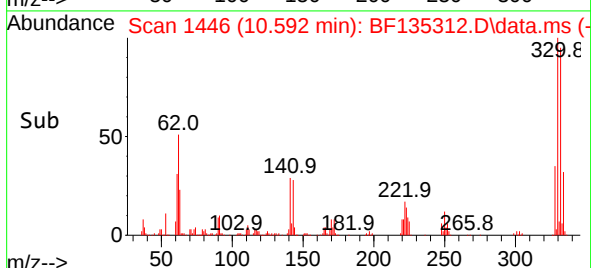
Reviewed By : Yogesh Patel 09/19/2023
Supervised By : mohammad ahmed 09/19/2023

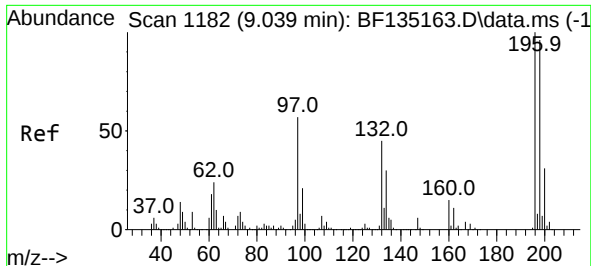


#42
2,4,6-Tribromophenol
Concen: 87.129 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion: 330 Resp: 188342
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 35.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.512 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135312.D

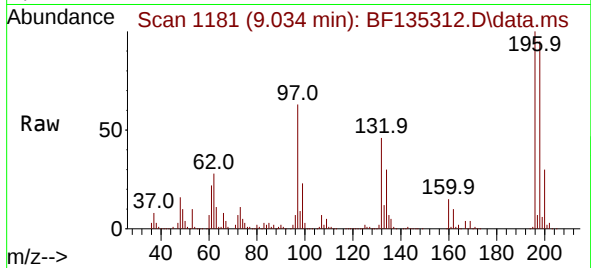
Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS



Tgt Ion:196 Resp: 204289

Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.6

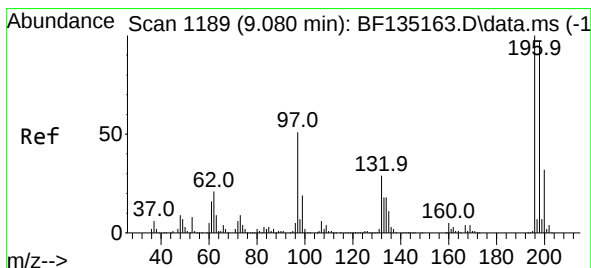
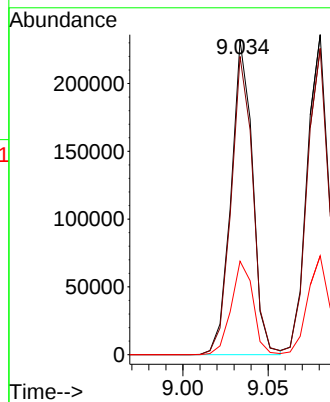
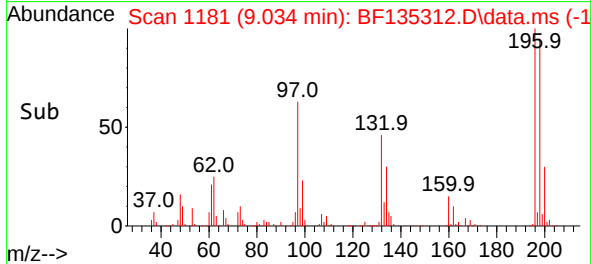
200 29.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#44

2,4,5-Trichlorophenol

Concen: 45.945 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:196 Resp: 218313

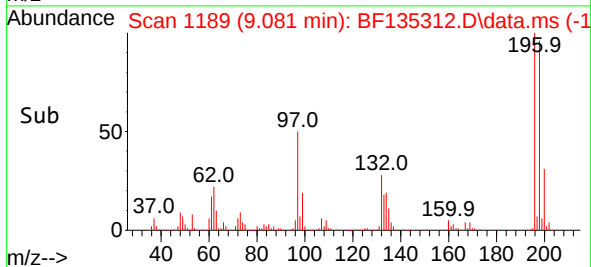
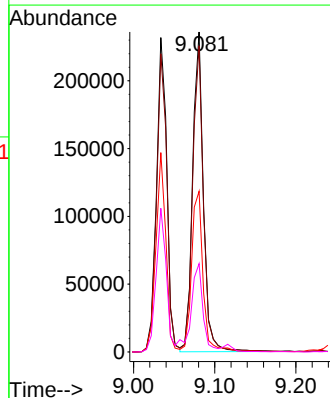
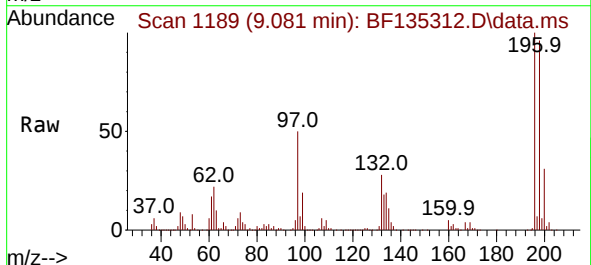
Ion Ratio Lower Upper

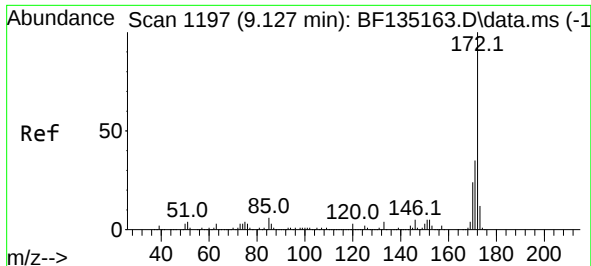
196 100

198 95.7 77.5 116.3

97 50.2 40.5 60.7

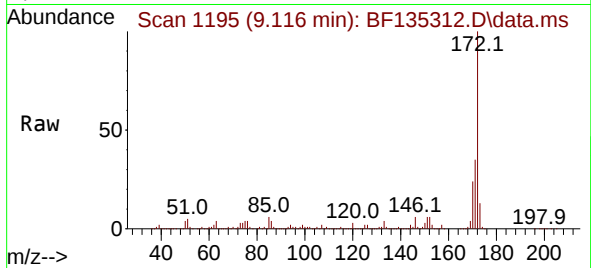
132 27.6 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 64.080 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

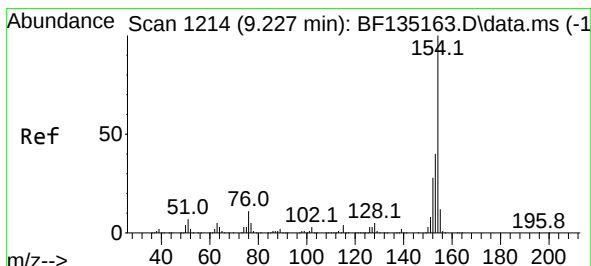
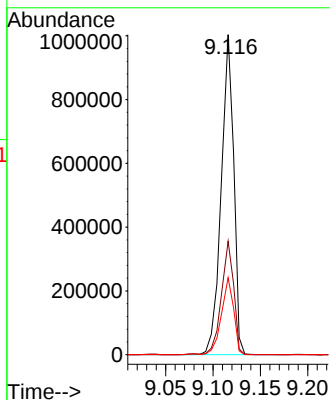
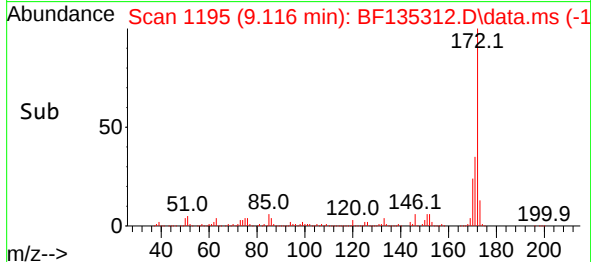
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:172 Resp: 92388
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.1 19.0 28.4

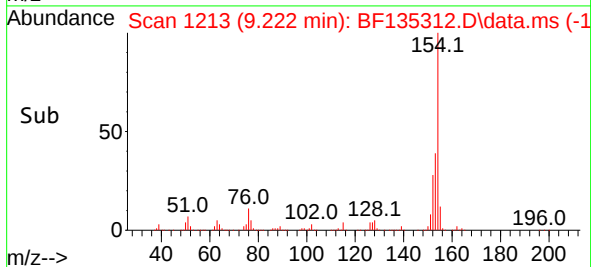
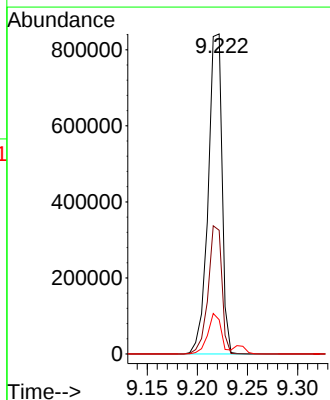
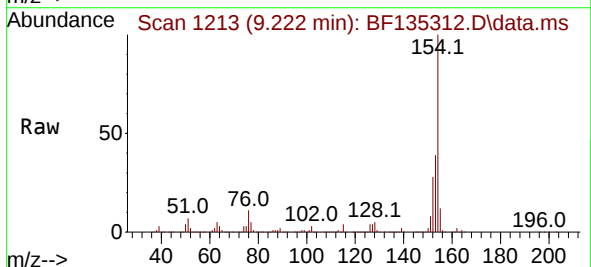
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#46
1,1'-Biphenyl
Concen: 48.442 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

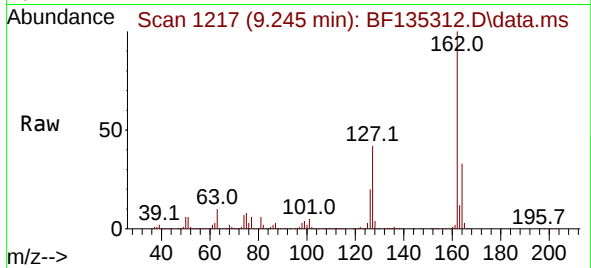
Tgt Ion:154 Resp: 809766
Ion Ratio Lower Upper
154 100
153 38.7 19.6 59.6
76 10.7 0.0 31.0





#47
2-Chloronaphthalene
Concen: 49.491 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

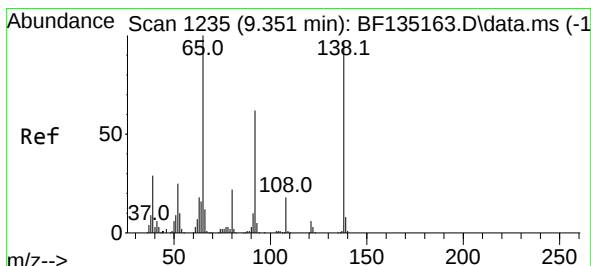
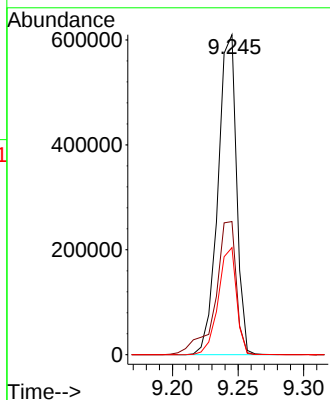
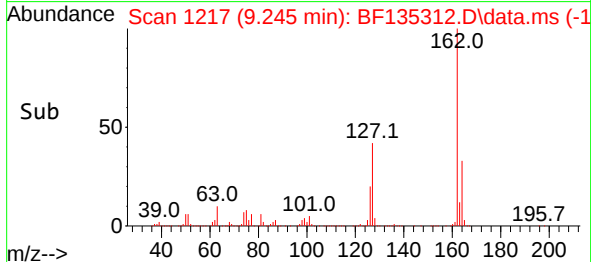
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:162 Resp: 600264
Ion Ratio Lower Upper
162 100
127 41.6 32.6 48.8
164 33.5 26.2 39.2

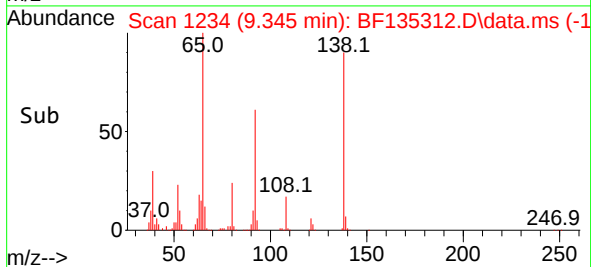
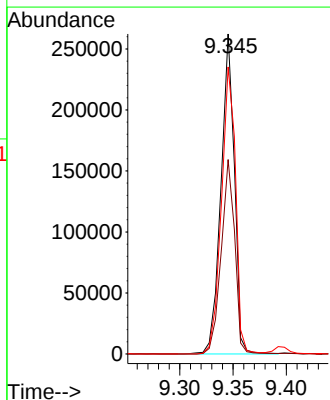
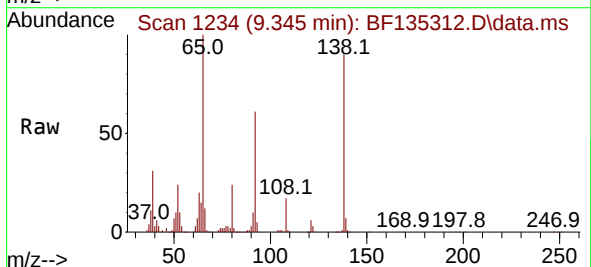
Manual Integrations
APPROVED

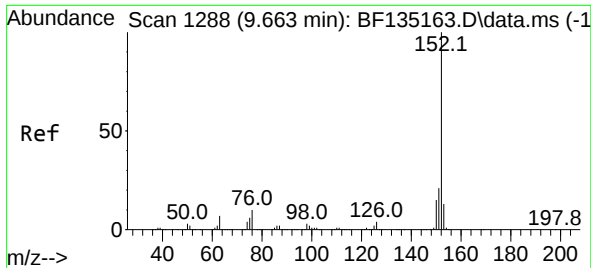
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#48
2-Nitroaniline
Concen: 48.610 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

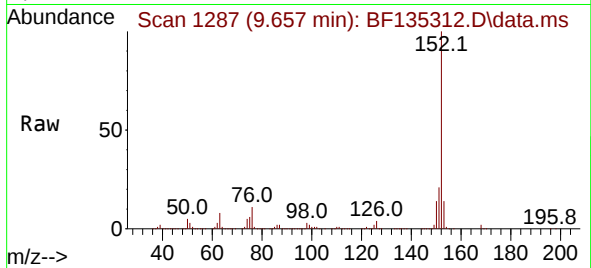
Tgt Ion: 65 Resp: 229046
Ion Ratio Lower Upper
65 100
92 60.8 49.4 74.0
138 89.7 77.4 116.0





#49
Acenaphthylene
Concen: 48.958 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

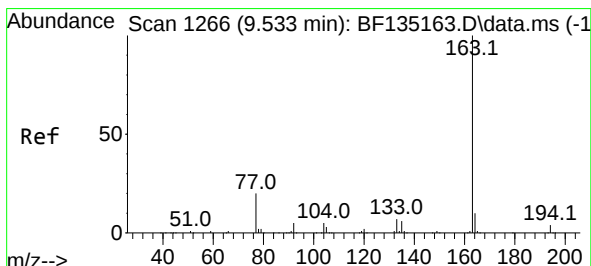
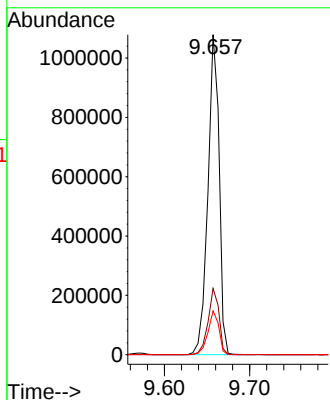
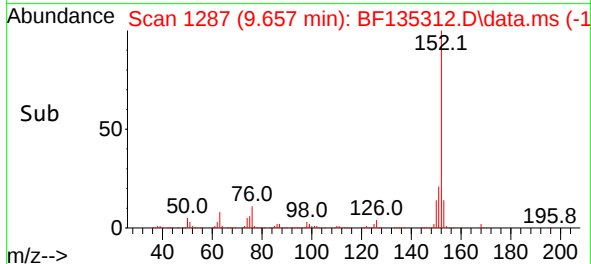
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



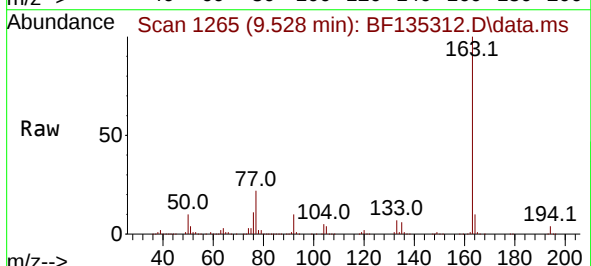
Tgt Ion:152 Resp: 98684
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.7 10.4 15.6

Manual Integrations
APPROVED

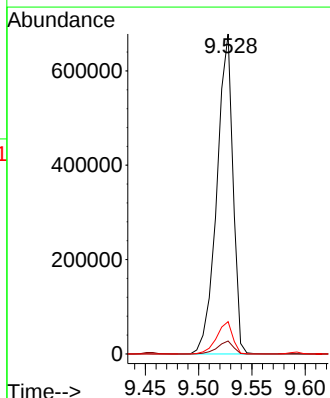
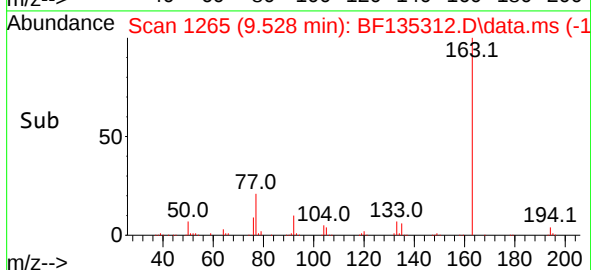
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

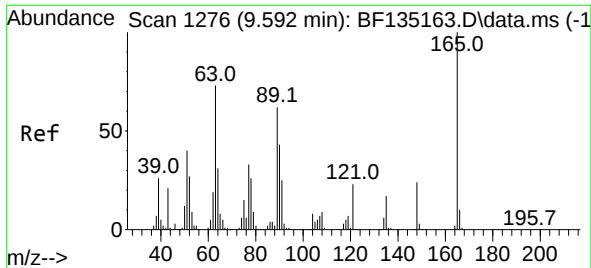


#50
Dimethylphthalate
Concen: 48.364 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



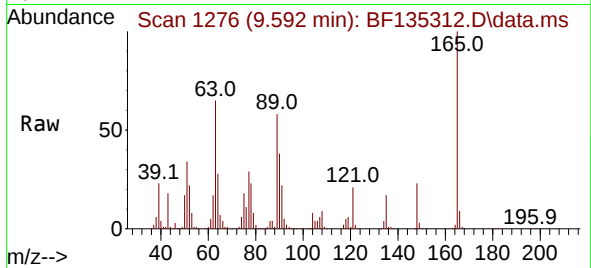
Tgt Ion:163 Resp: 711276
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.782 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

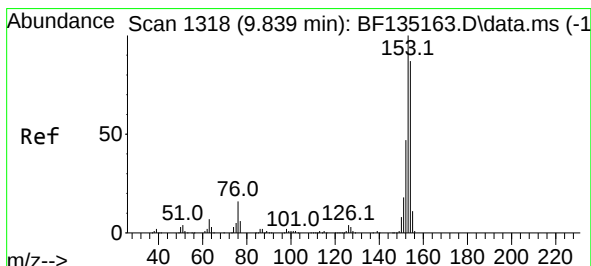
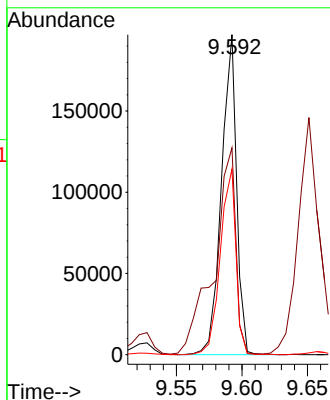
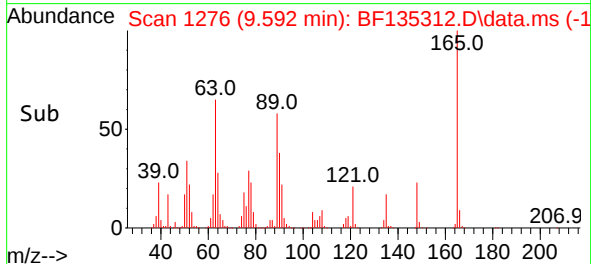
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:165 Resp: 15716
Ion Ratio Lower Upper
165 100
63 64.6 59.4 89.2
89 58.0 49.8 74.8

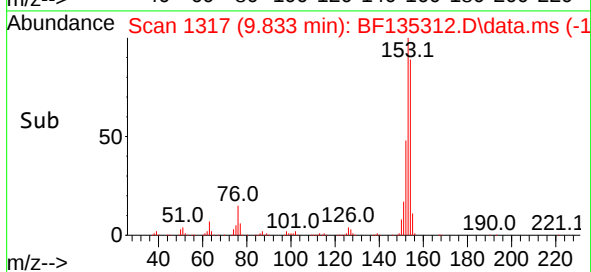
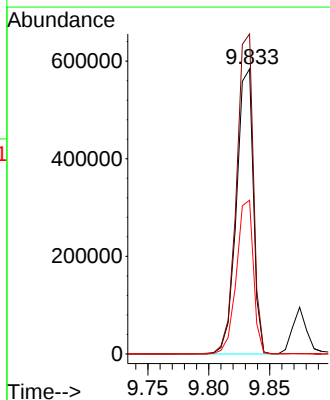
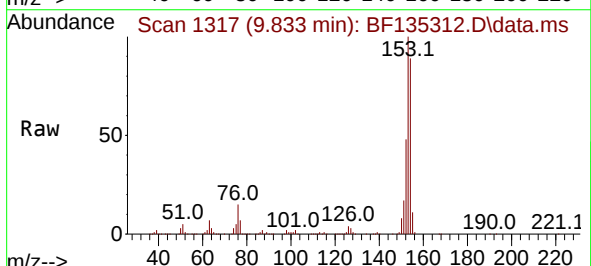
Manual Integrations
APPROVED

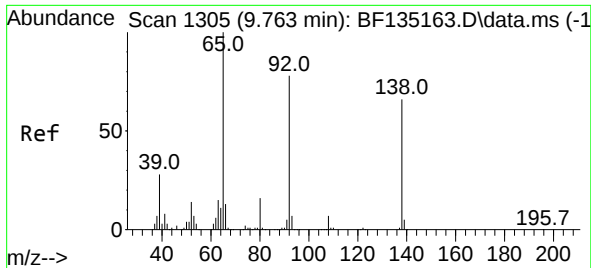
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#52
Acenaphthene
Concen: 47.296 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

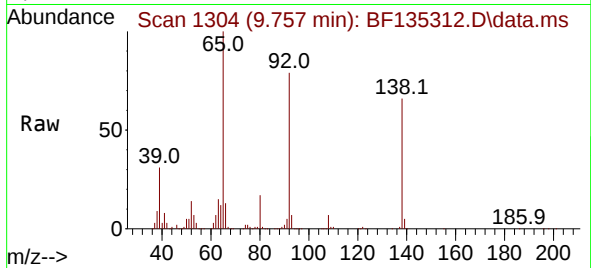
Tgt Ion:154 Resp: 563186
Ion Ratio Lower Upper
154 100
153 112.3 92.1 138.1
152 53.9 43.1 64.7





#53
3-Nitroaniline
Concen: 35.415 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

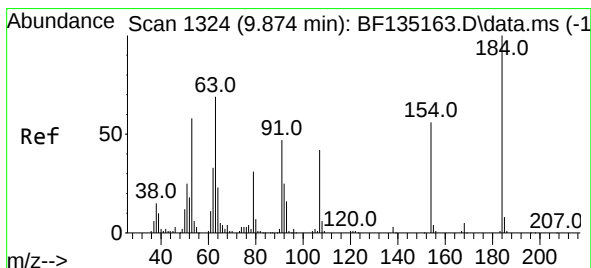
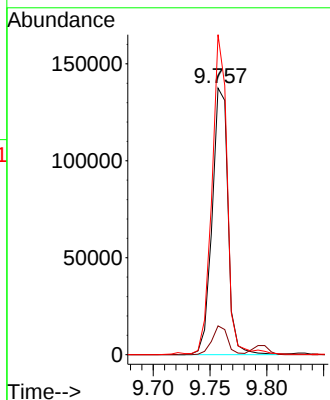
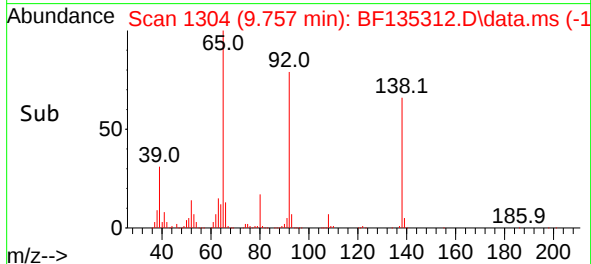
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:138 Resp: 133934
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 120.1 95.4 143.0

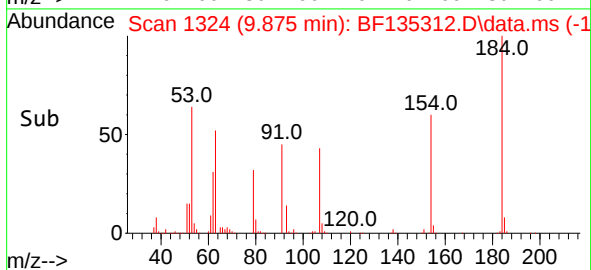
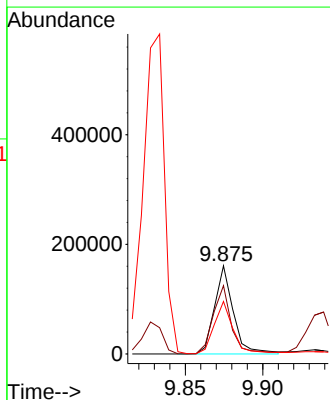
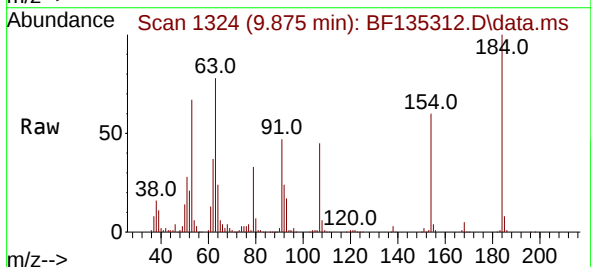
Manual Integrations
APPROVED

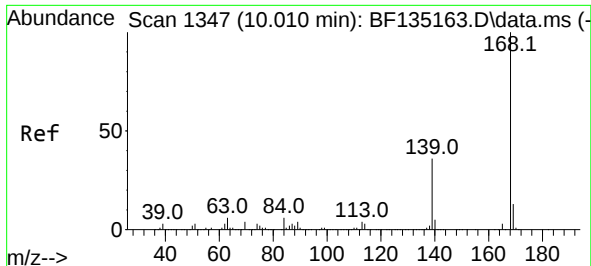
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#54
2,4-Dinitrophenol
Concen: 74.472 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

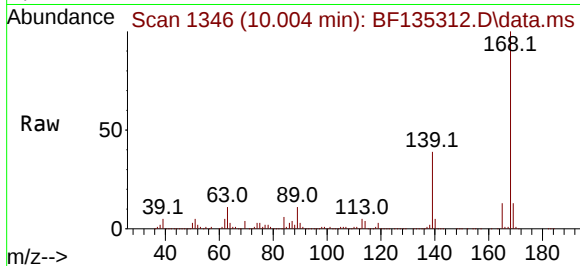
Tgt Ion:184 Resp: 135351
Ion Ratio Lower Upper
184 100
63 77.6 55.1 82.7
154 59.5 48.4 72.6





#55
Dibenzenofuran
Concen: 45.338 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

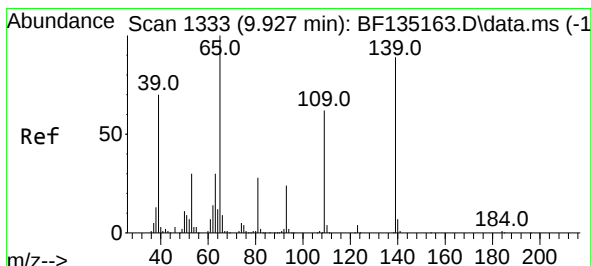
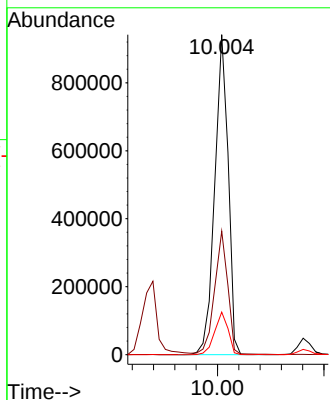
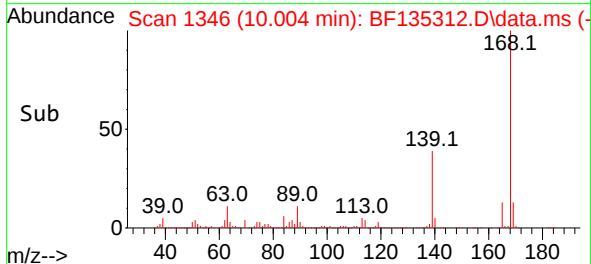
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:168 Resp: 823822
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.6
169 13.3 10.4 15.6

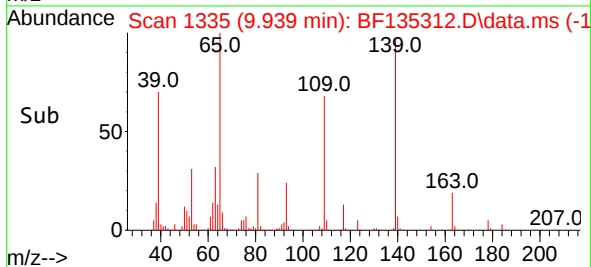
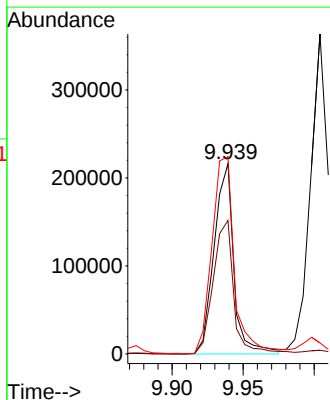
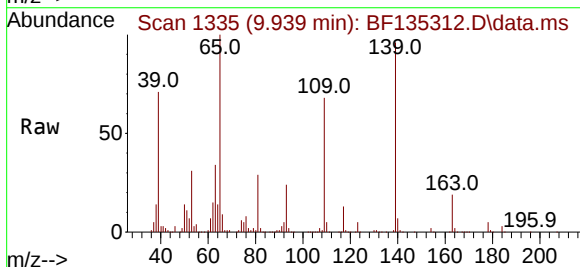
Manual Integrations
APPROVED

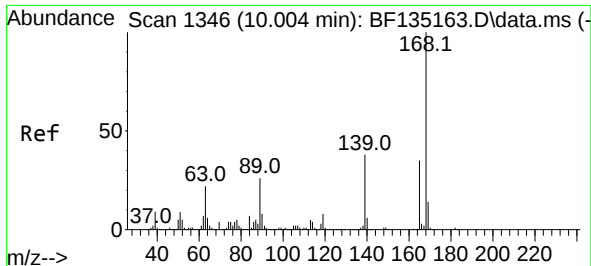
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 87.088 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

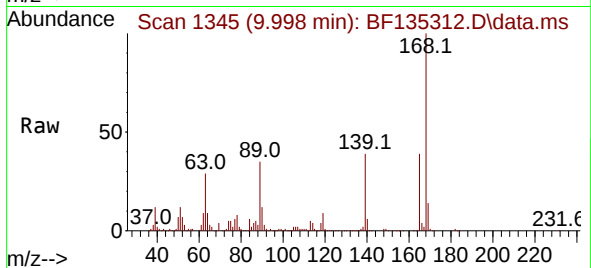
Tgt Ion:139 Resp: 209319
Ion Ratio Lower Upper
139 100
109 70.1 49.8 89.8
65 103.7 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.257 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

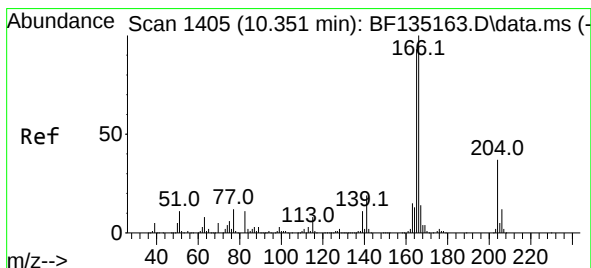
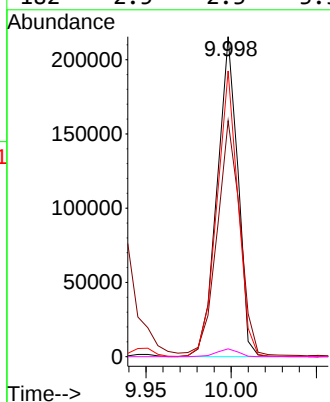
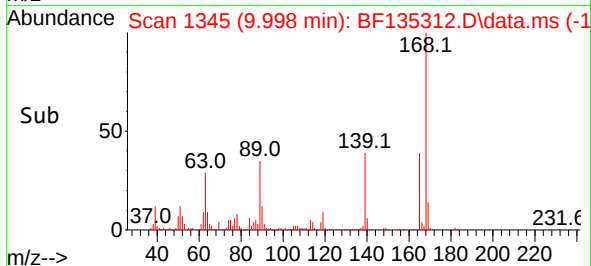
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:165 Resp: 18253
Ion Ratio Lower Upper
165 100
63 73.7 50.1 75.1
89 89.3 59.3 88.9
182 2.5 2.3 3.5

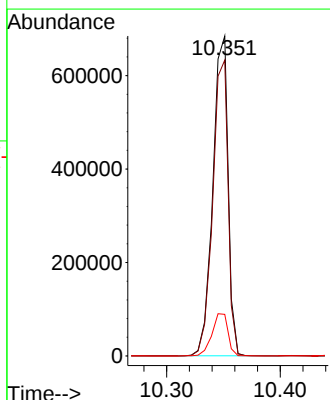
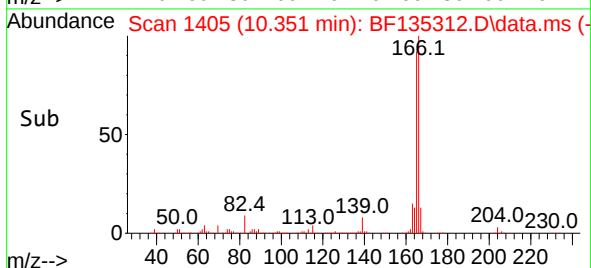
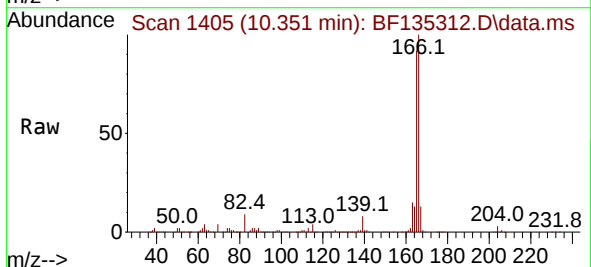
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 45.862 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

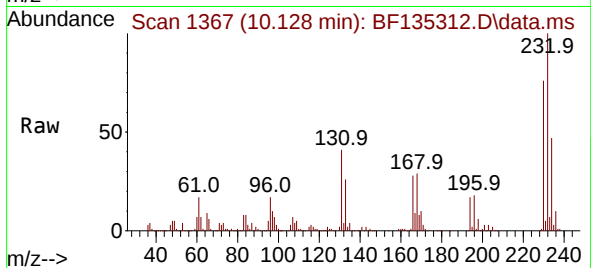
Tgt Ion:166 Resp: 640644
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.078 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

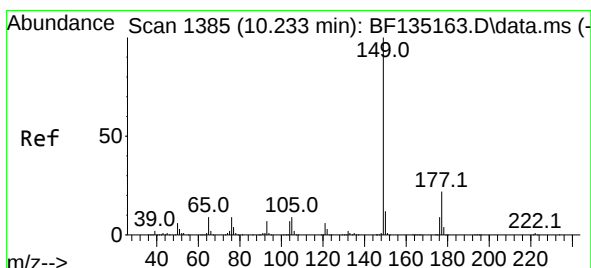
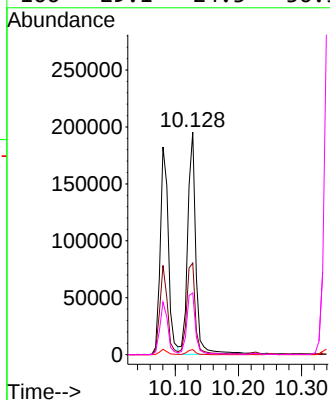
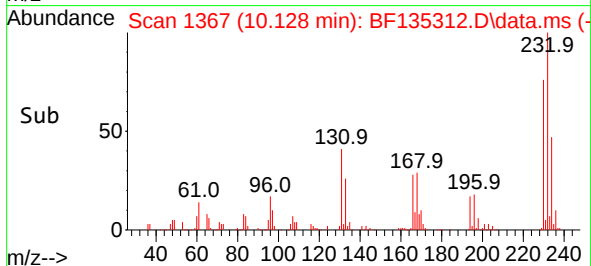
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:232 Resp: 17573
Ion Ratio Lower Upper
232 100
131 43.1 35.4 53.2
130 2.4 1.8 2.8
166 29.1 24.3 36.5

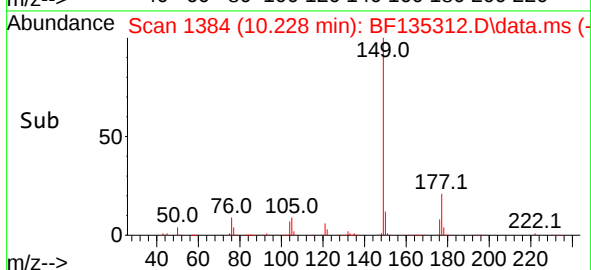
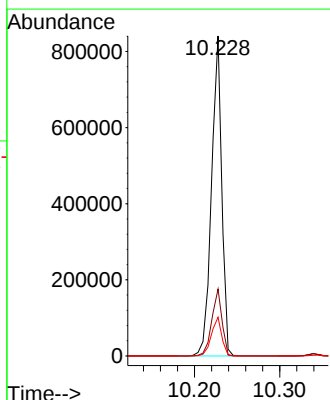
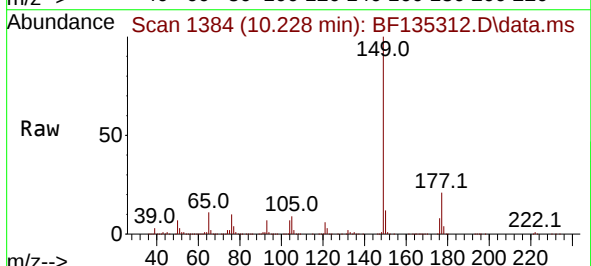
Manual Integrations
APPROVED

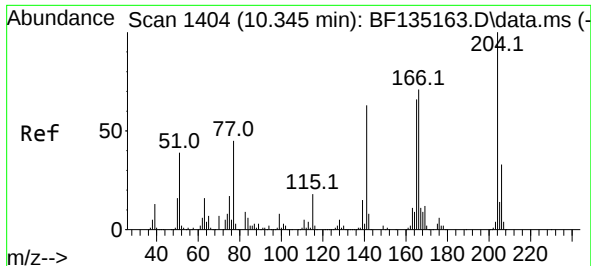
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 47.577 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:149 Resp: 702209
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.1 10.0 15.0





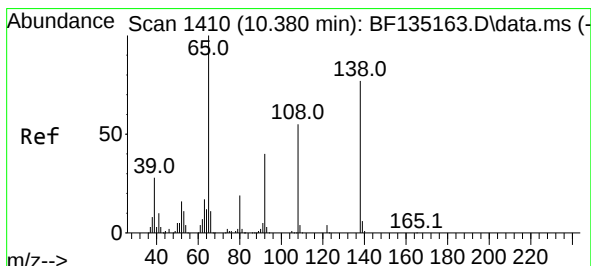
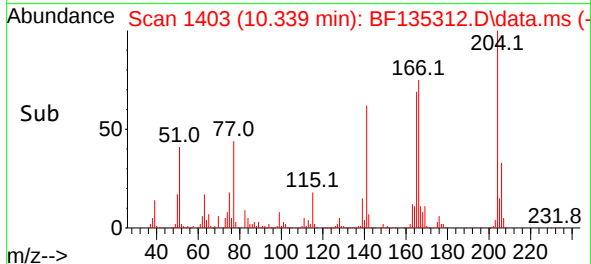
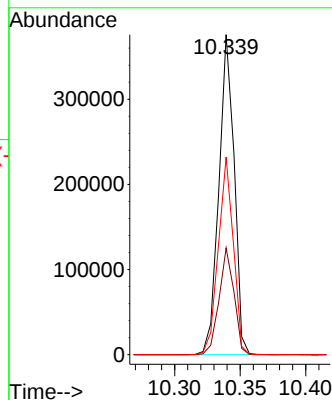
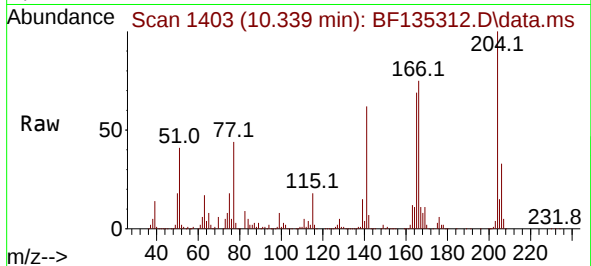
#61
4-Chlorophenyl-phenylether
Concen: 45.267 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion:204 Resp: 30375
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 61.8 50.6 75.8

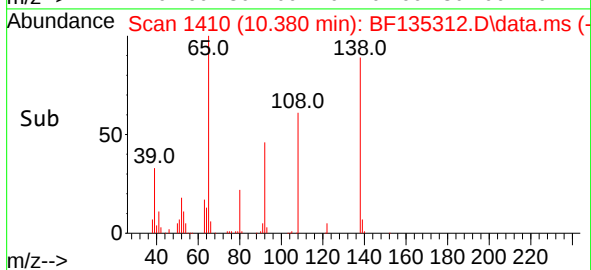
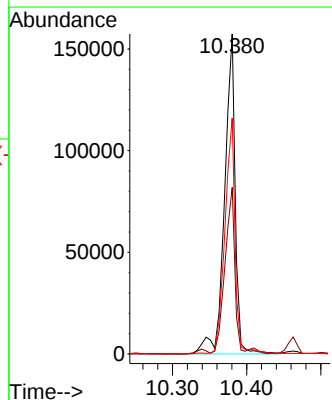
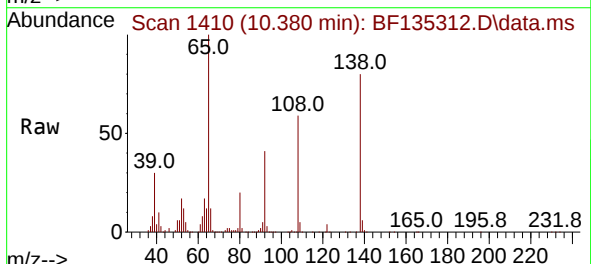
Manual Integrations
APPROVED

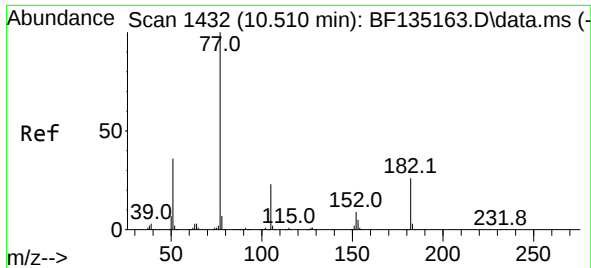
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 43.444 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

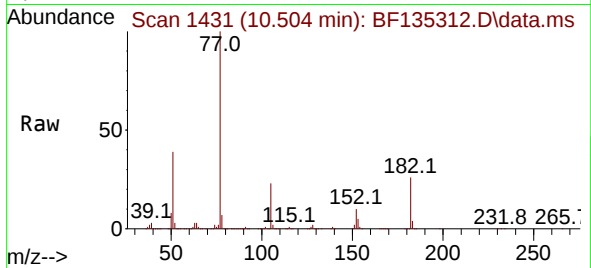
Tgt Ion:138 Resp: 157928
Ion Ratio Lower Upper
138 100
92 52.0 31.8 71.8
108 73.8 52.0 92.0





#63
Azobenzene
Concen: 47.136 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

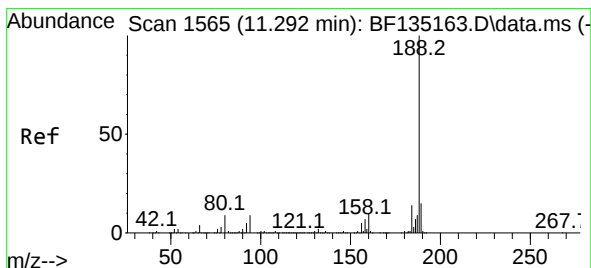
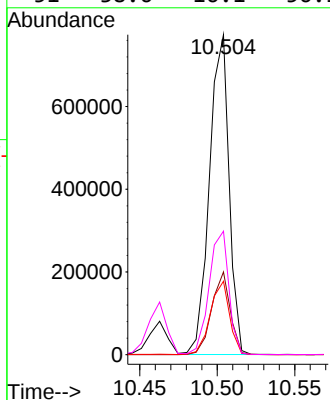
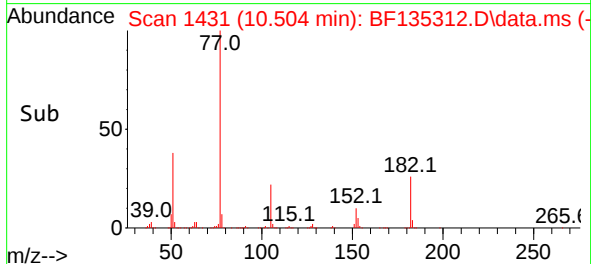
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion: 77 Resp: 680884
Ion Ratio Lower Upper
77 100
182 25.9 6.4 46.4
105 23.0 3.1 43.1
51 38.6 16.1 56.1

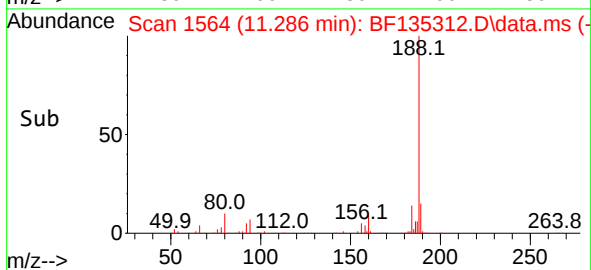
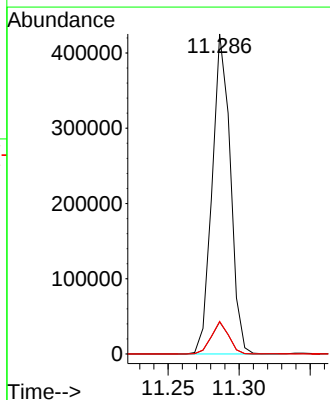
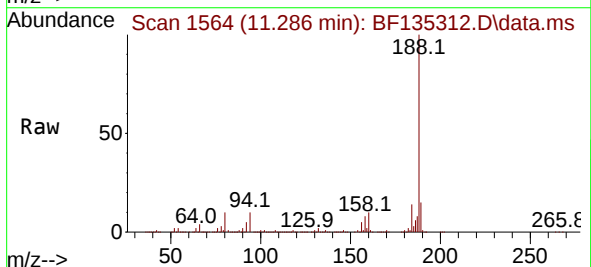
Manual Integrations
APPROVED

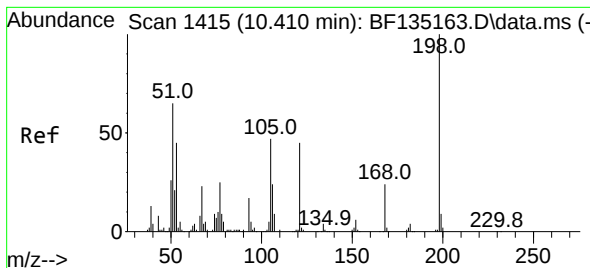
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:188 Resp: 378088
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.2 7.5 11.3





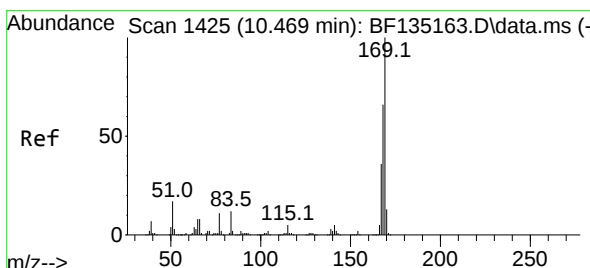
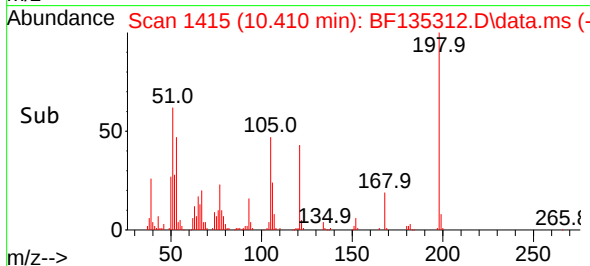
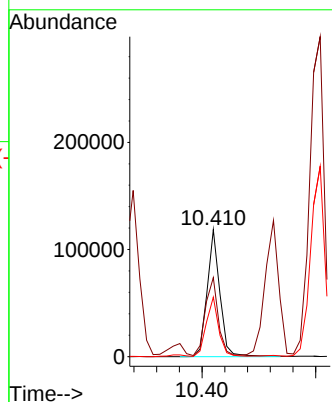
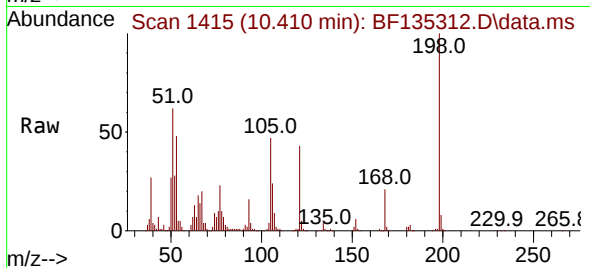
#65
4,6-Dinitro-2-methylphenol
Concen: 45.743 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion:198 Resp: 91859
Ion Ratio Lower Upper
198 100
51 62.3 47.7 87.7
105 46.8 27.4 67.4

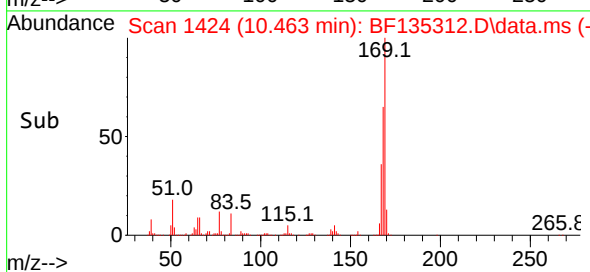
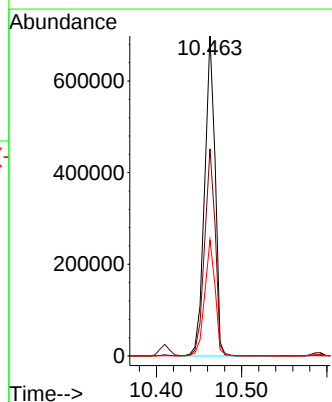
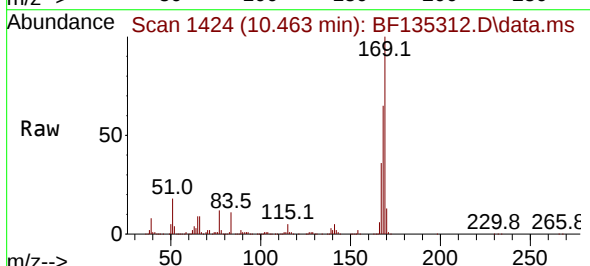
Manual Integrations
APPROVED

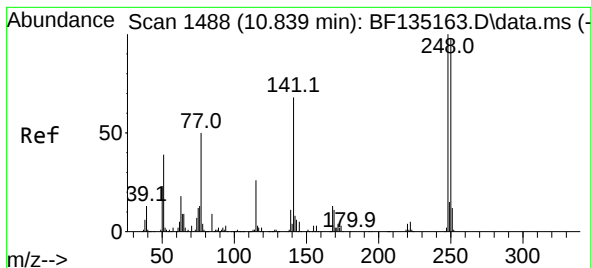
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 52.000 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

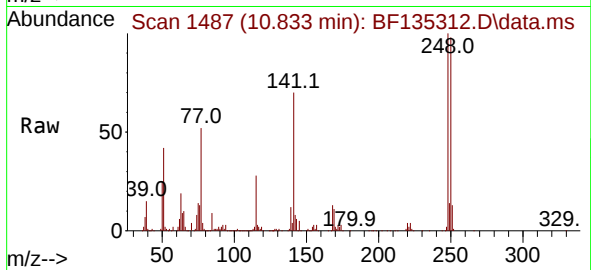
Tgt Ion:169 Resp: 595216
Ion Ratio Lower Upper
169 100
168 64.7 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.458 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

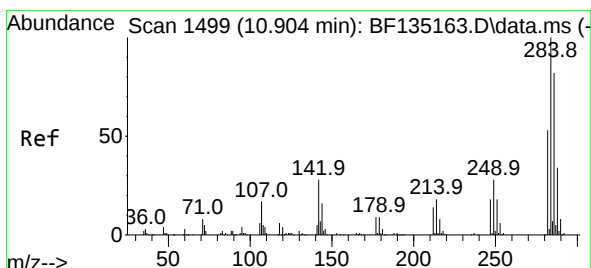
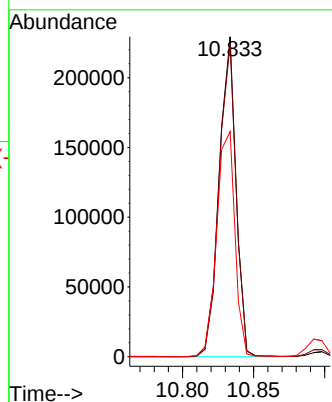
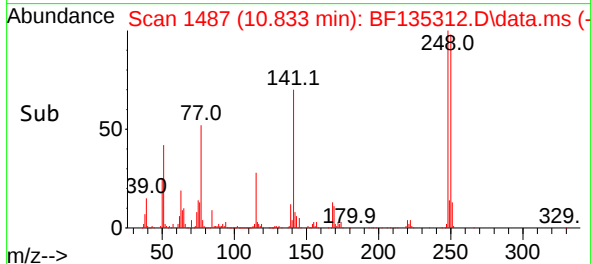
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



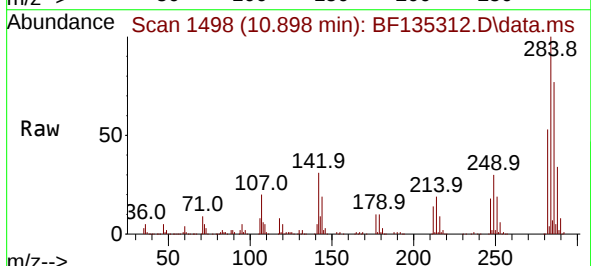
Tgt Ion:248 Resp: 18974
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 70.4 54.2 81.2

Manual Integrations
APPROVED

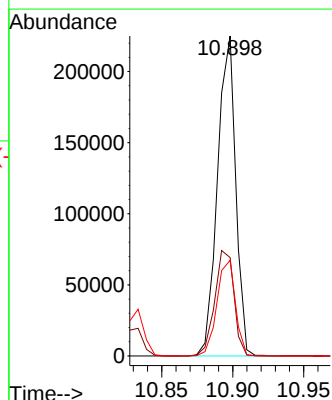
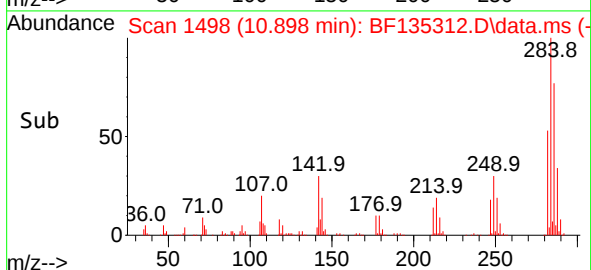
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

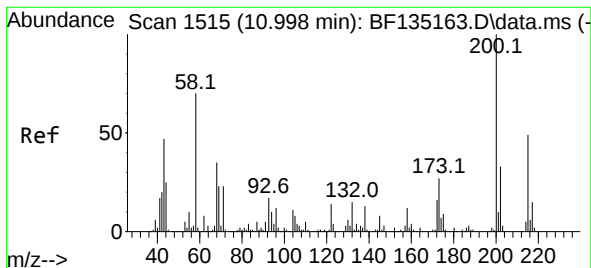


#68
Hexachlorobenzene
Concen: 52.319 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion:284 Resp: 200433
Ion Ratio Lower Upper
284 100
142 30.7 22.2 33.4
249 29.9 22.5 33.7





#69

Atrazine

Concen: 57.074 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135312.D

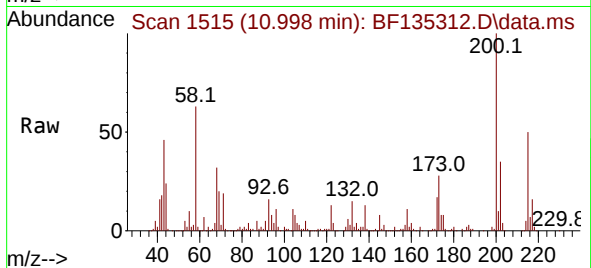
Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS



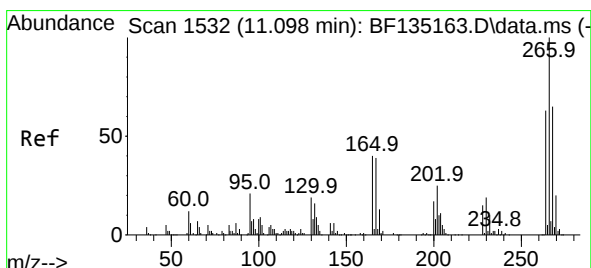
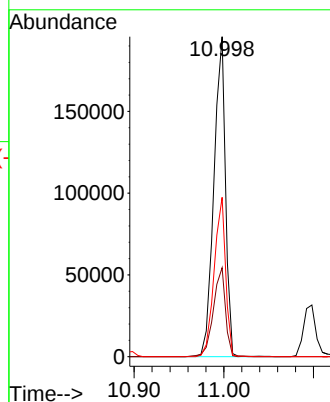
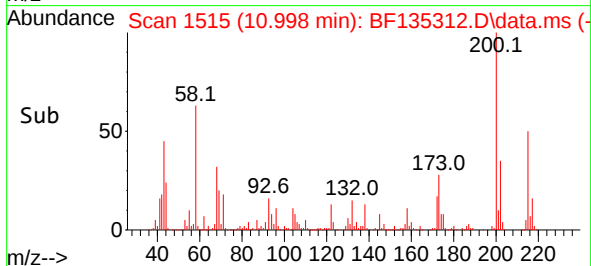
Tgt Ion:	200	Resp:	175784
Ion Ratio	Lower	Upper	
200	100		
173	27.8	7.4	47.4
215	49.8	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 79.678 ng

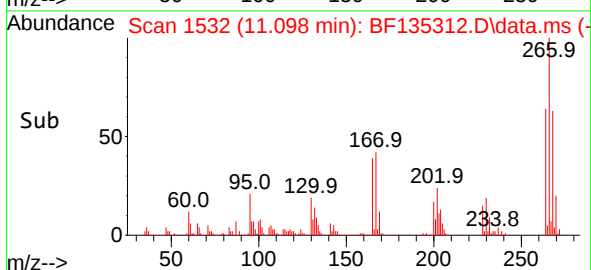
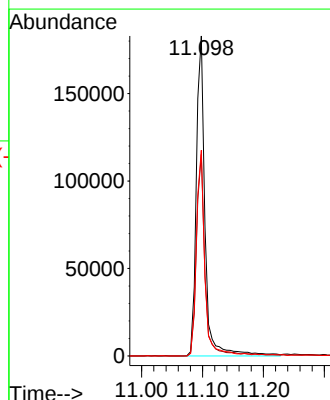
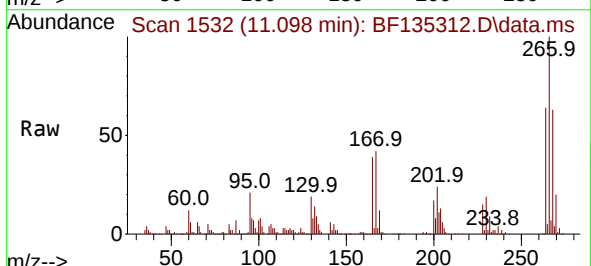
RT: 11.098 min Scan# 1532

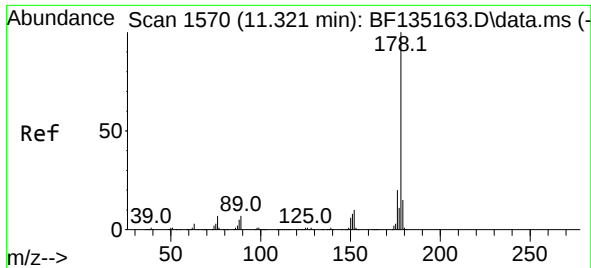
Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:	266	Resp:	182625
Ion Ratio	Lower	Upper	
266	100		
268	63.0	52.1	78.1
264	64.3	50.8	76.2





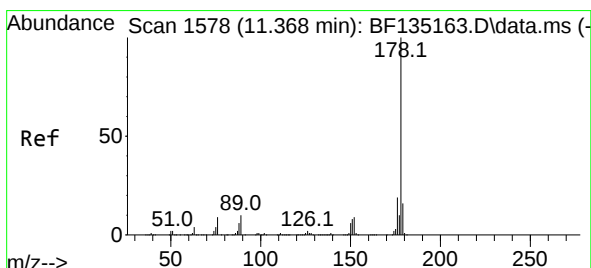
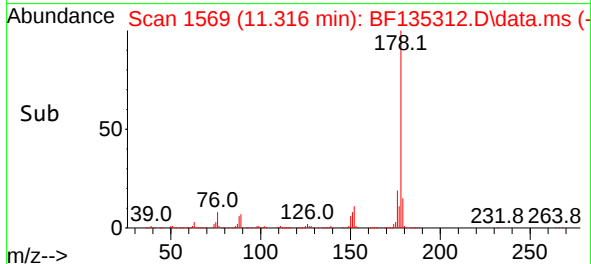
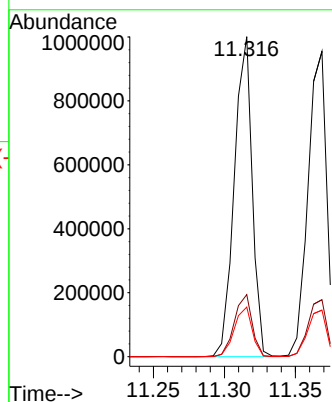
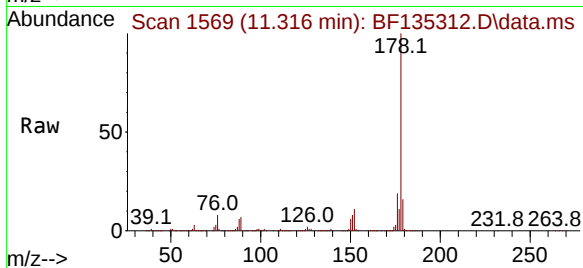
#71
Phenanthrene
Concen: 49.044 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion:178 Resp: 877009
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.0 18.0

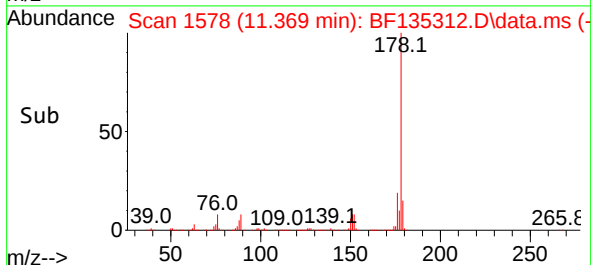
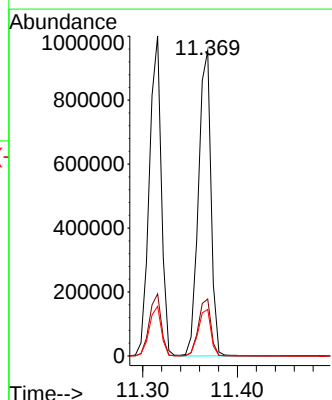
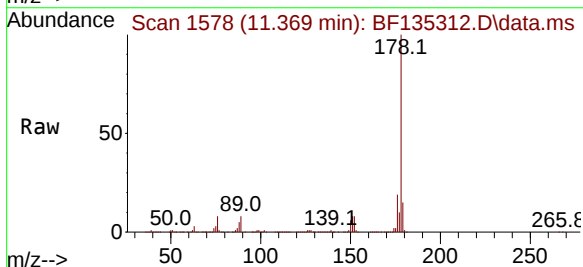
Manual Integrations
APPROVED

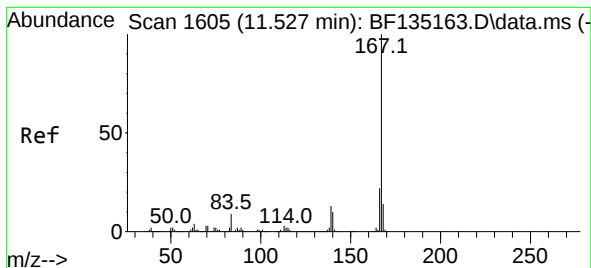
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 47.747 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion:178 Resp: 877621
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.2 12.6 19.0





#73

Carbazole

Concen: 45.908 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS

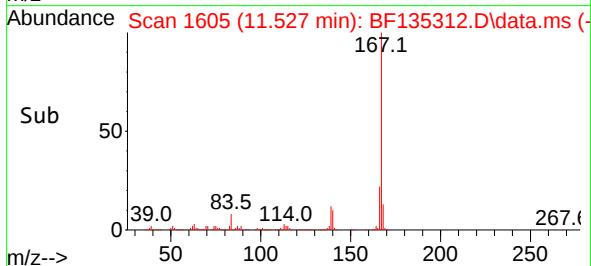
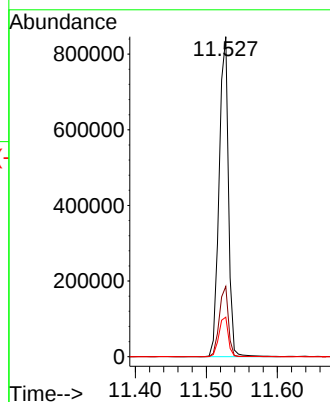
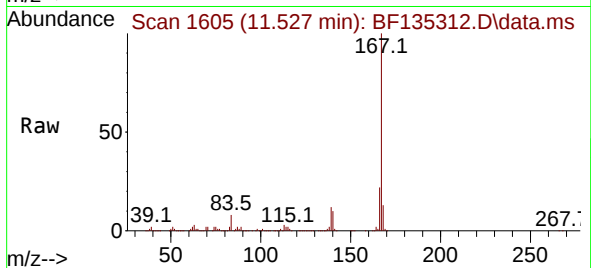
Tgt Ion:167	Resp: 76815
Ion Ratio	Lower Upper
167 100	
166 22.0	17.4 26.0
139 12.4	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#74

Di-n-butylphthalate

Concen: 50.912 ng

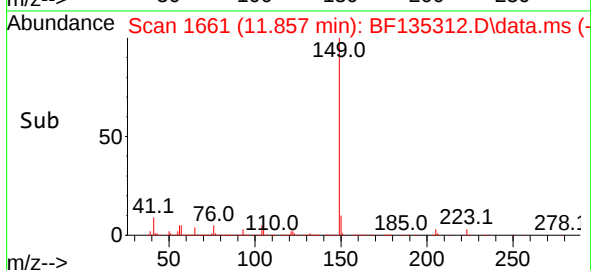
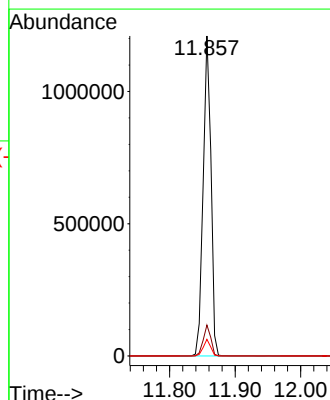
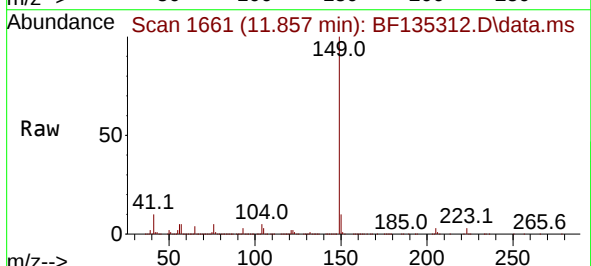
RT: 11.857 min Scan# 1661

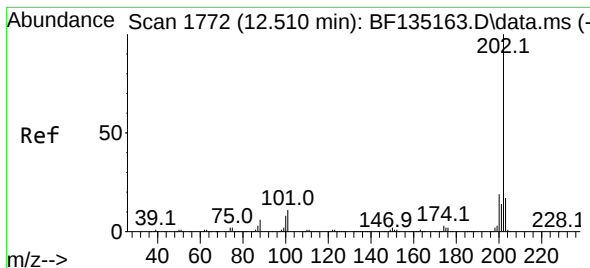
Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

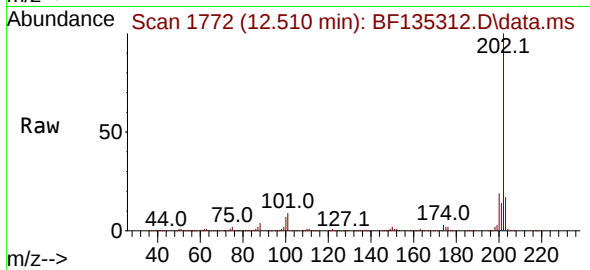
Tgt Ion:149	Resp: 1003807
Ion Ratio	Lower Upper
149 100	
150 9.7	7.4 11.0
104 5.2	3.6 5.4





#75
Fluoranthene
Concen: 41.333 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

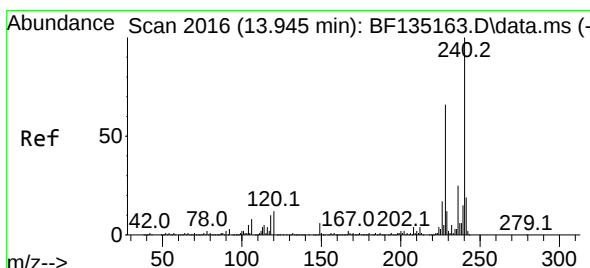
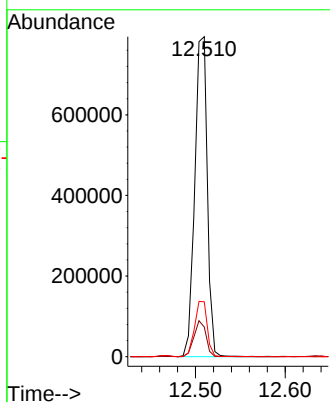
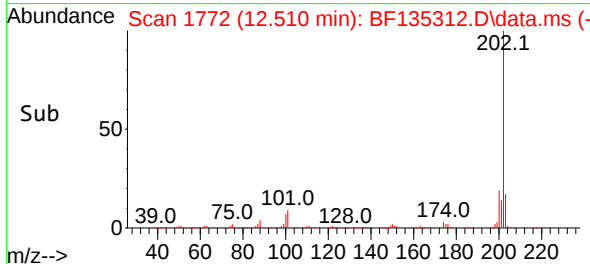
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:202 Resp: 770150
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.3
203 17.2 0.0 37.4

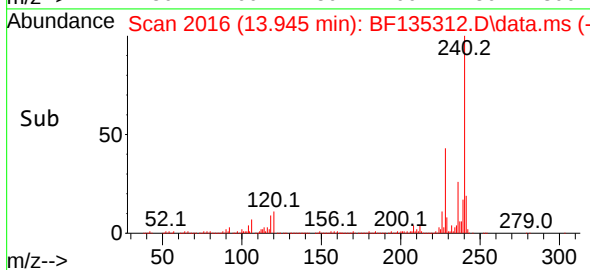
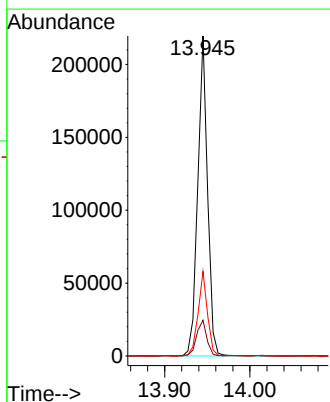
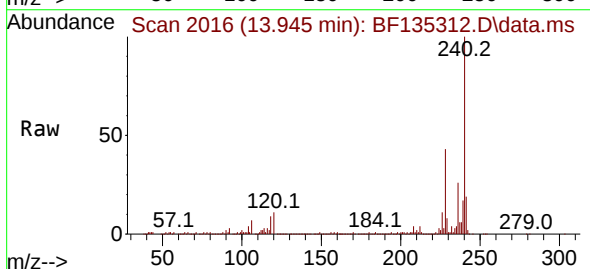
Manual Integrations
APPROVED

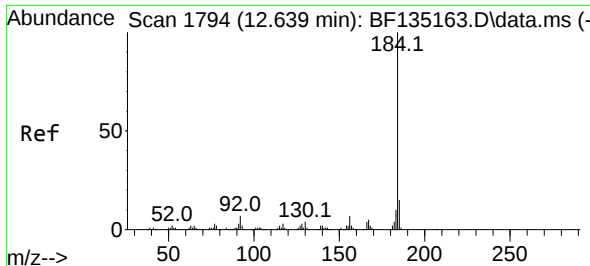
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

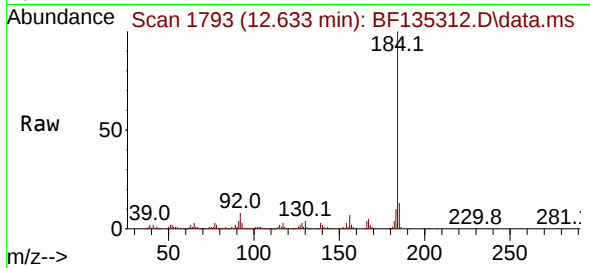
Tgt Ion:240 Resp: 175572
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.5 19.8 29.8





#77
Benzidine
Concen: 82.770 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

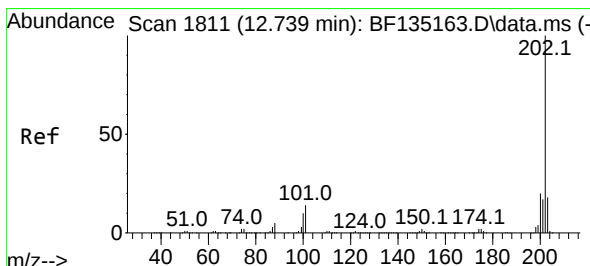
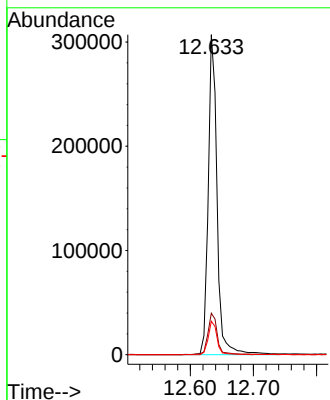
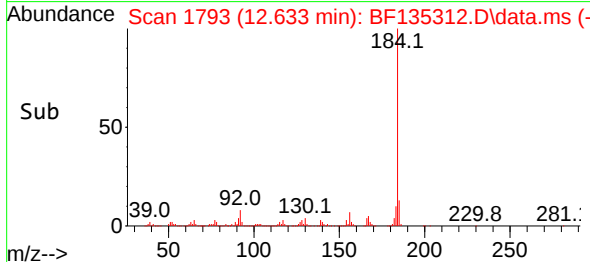
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



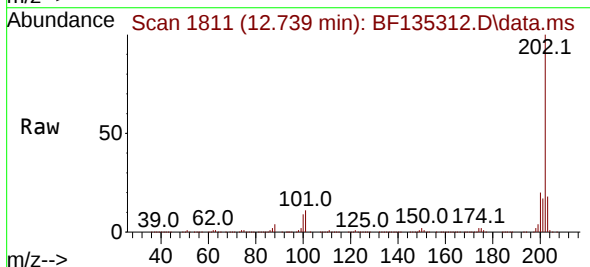
Tgt Ion:184 Resp: 297710
Ion Ratio Lower Upper
184 100
185 12.9 11.7 17.5
183 10.5 8.2 12.4

Manual Integrations
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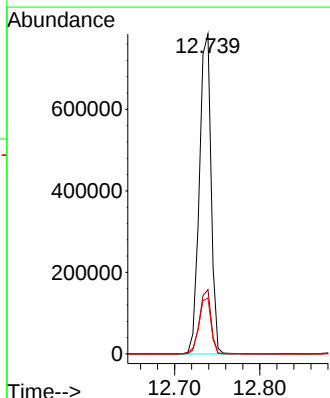
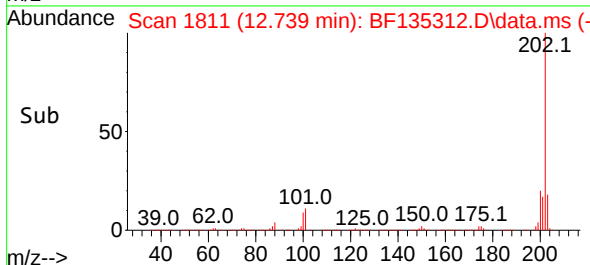
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#78
Pyrene
Concen: 44.823 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10



Tgt Ion:202 Resp: 749249
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 56.894 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

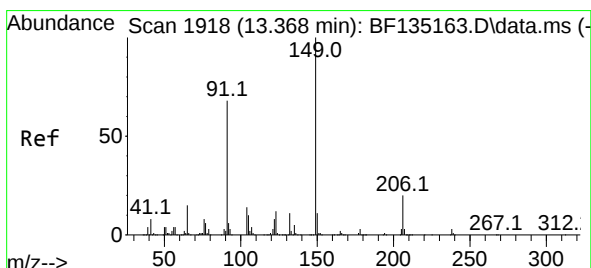
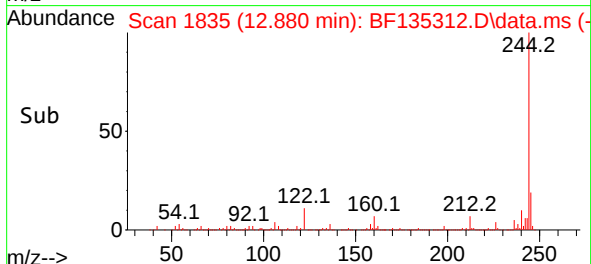
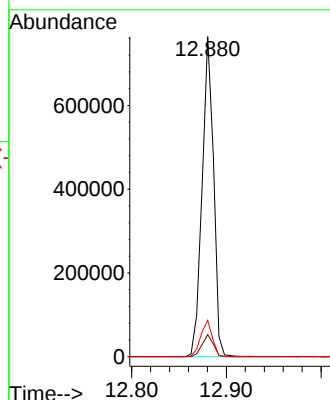
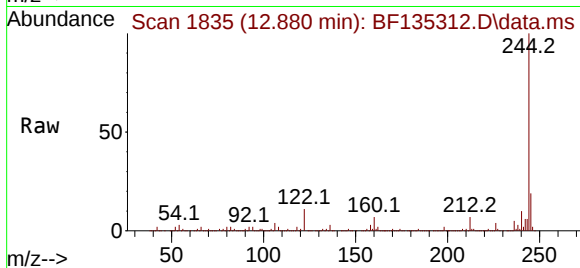
DUCT-BANK-AMS

Tgt Ion:244 Resp: 644370
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#80

Butylbenzylphthalate

Concen: 48.964 ng

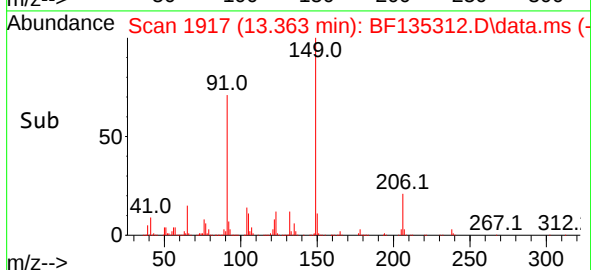
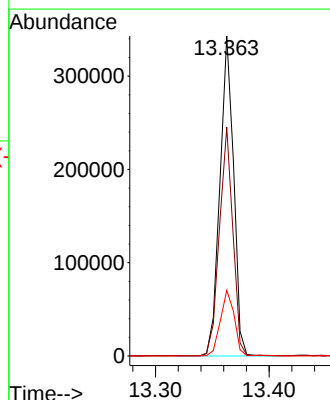
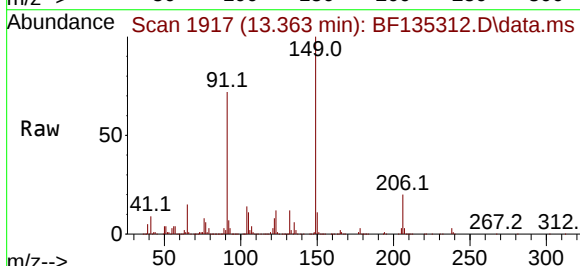
RT: 13.363 min Scan# 1917

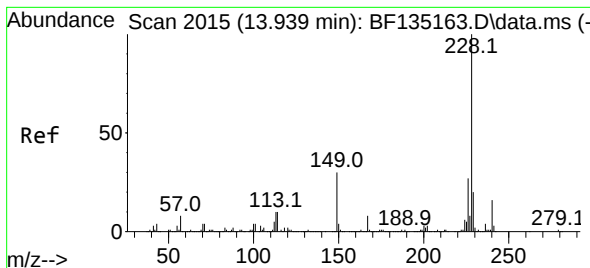
Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:149 Resp: 288170
 Ion Ratio Lower Upper
 149 100
 91 71.5 54.7 82.1
 206 20.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.224 ng

RT: 13.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135312.D

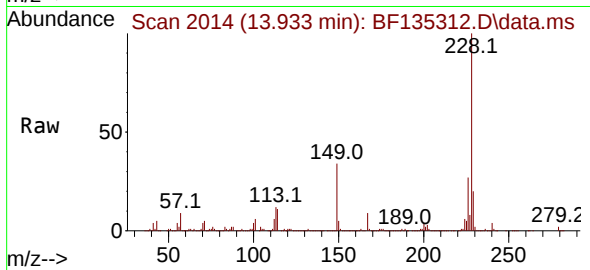
Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS



Tgt Ion:228 Resp: 546728

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

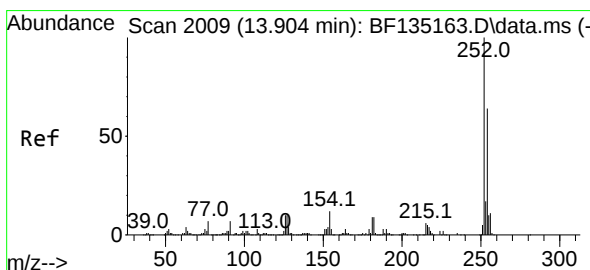
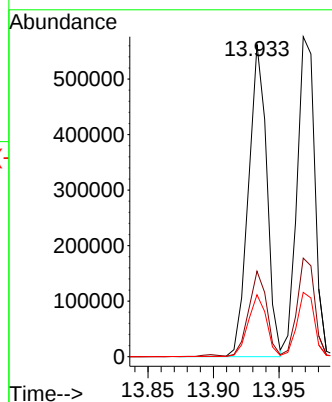
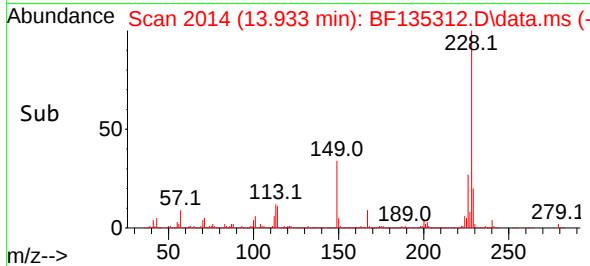
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 51.745 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

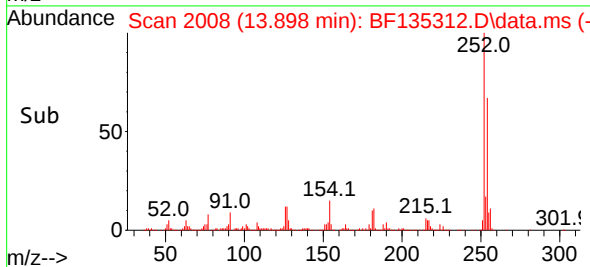
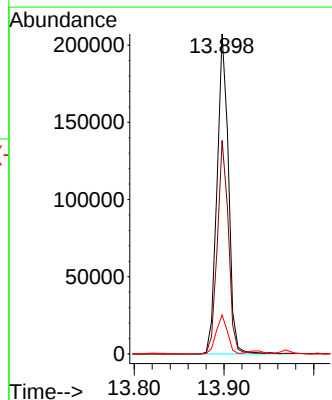
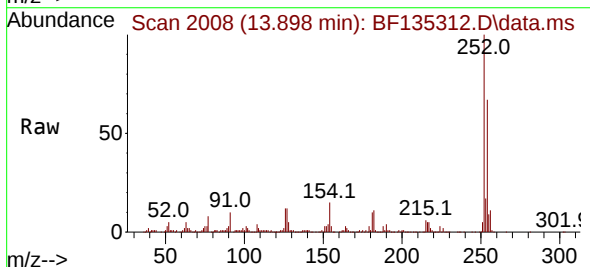
Tgt Ion:252 Resp: 183239

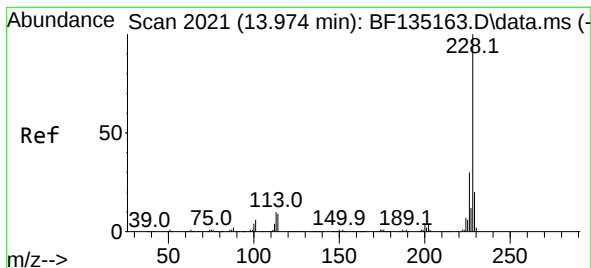
Ion Ratio Lower Upper

252 100

254 66.7 51.0 76.4

126 12.1 7.8 11.8#





#83

Chrysene

Concen: 48.220 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS

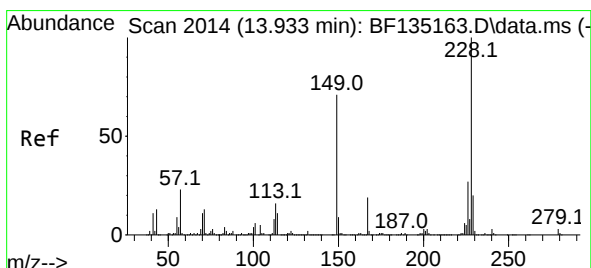
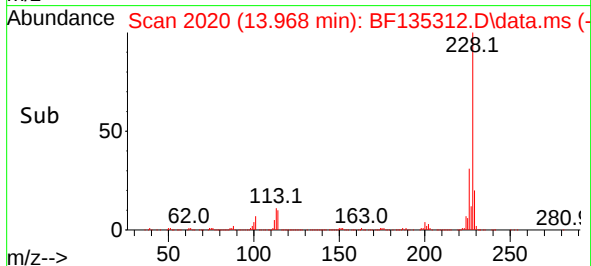
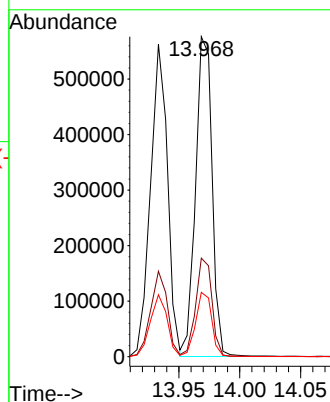
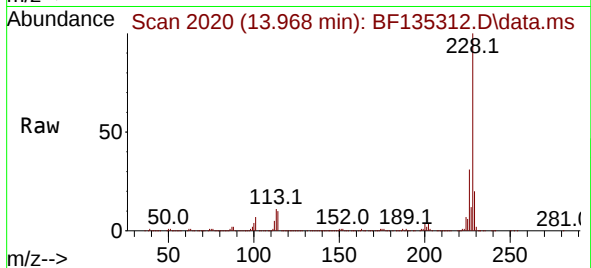
Tgt Ion:228	Resp: 543524
Ion Ratio	Lower Upper
228 100	
226 30.8	24.3 36.5
229 20.1	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.482 ng

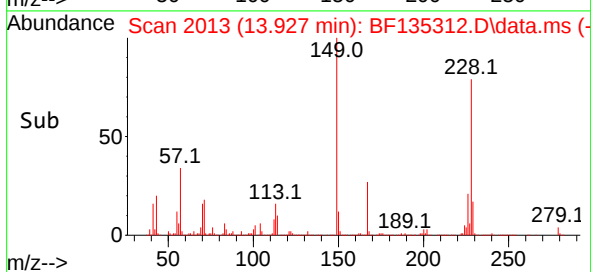
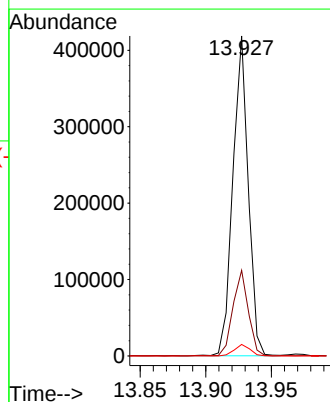
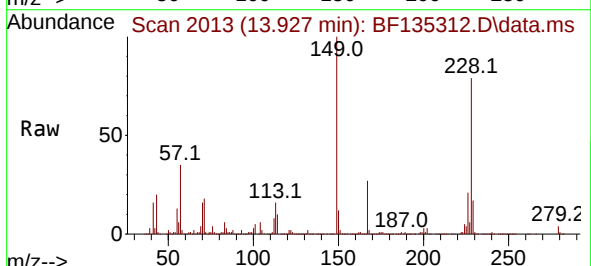
RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Tgt Ion:149	Resp: 341119
Ion Ratio	Lower Upper
149 100	
167 26.8	21.9 32.9
279 3.6	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.526 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMS

Tgt Ion:149 Resp: 619309

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

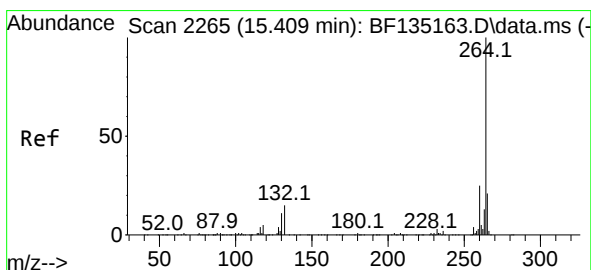
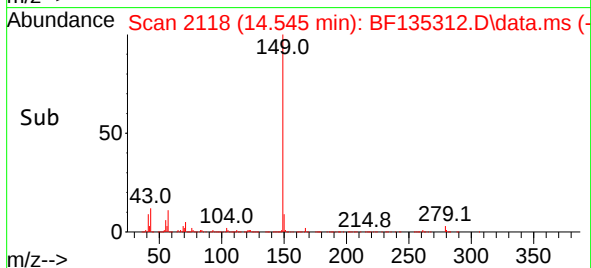
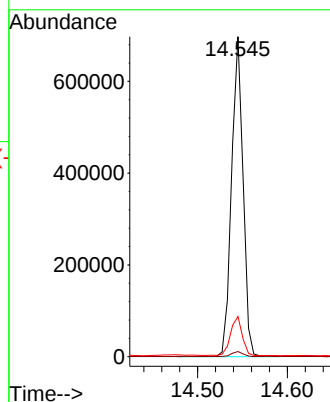
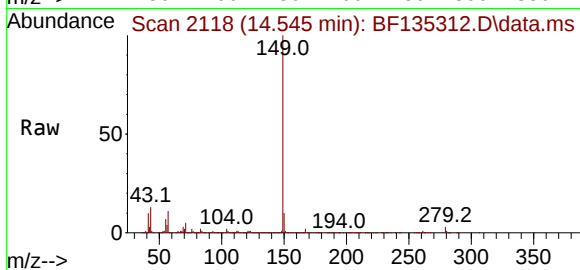
43 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135312.D

Acq: 18 Sep 2023 18:10

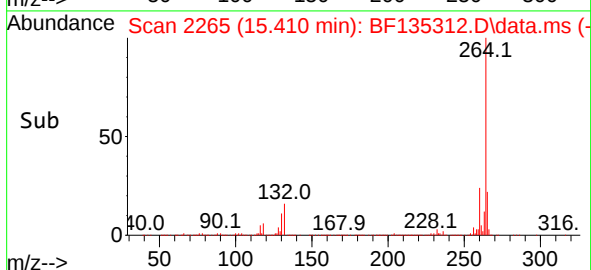
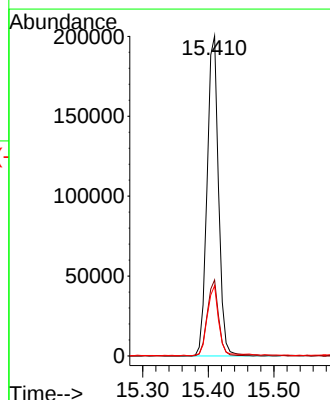
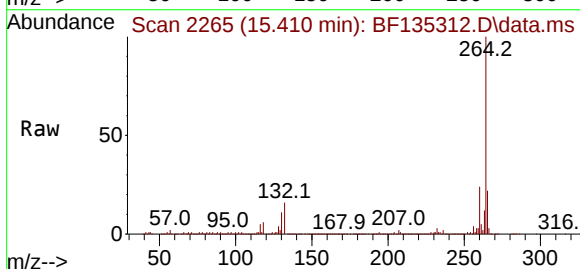
Tgt Ion:264 Resp: 243776

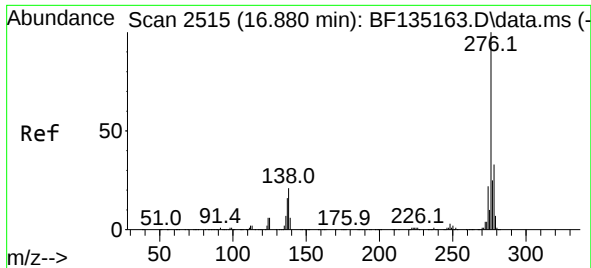
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.9 17.0 25.4





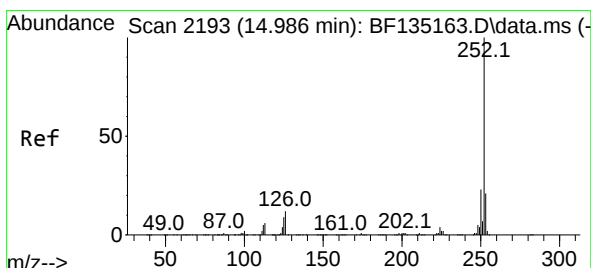
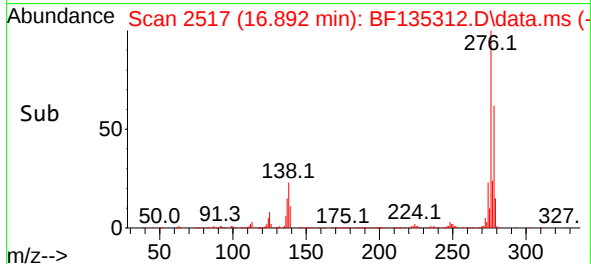
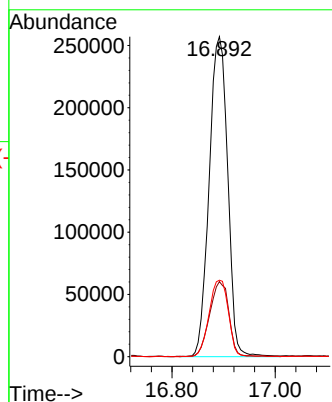
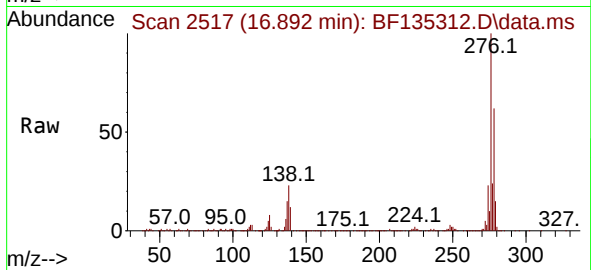
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.009 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS

Tgt Ion:276 Resp: 63948
Ion Ratio Lower Upper
276 100
138 24.1 19.2 28.8
277 25.0 19.7 29.5

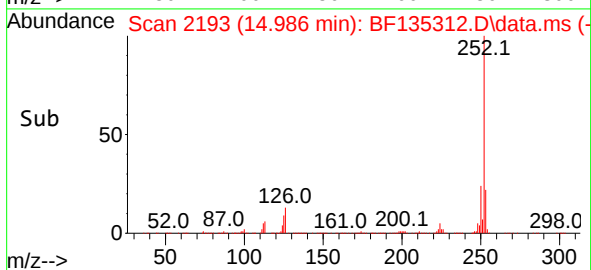
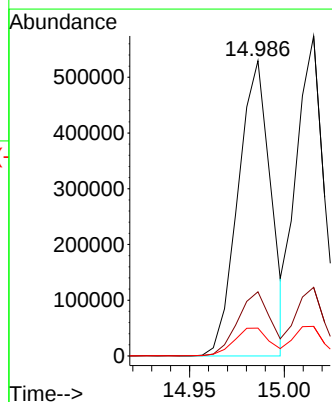
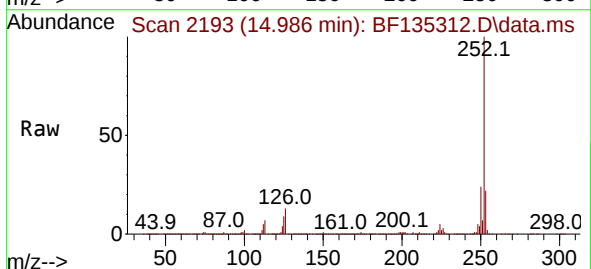
Manual Integrations
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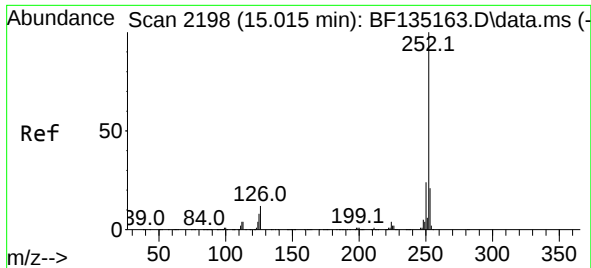
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 48.254 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

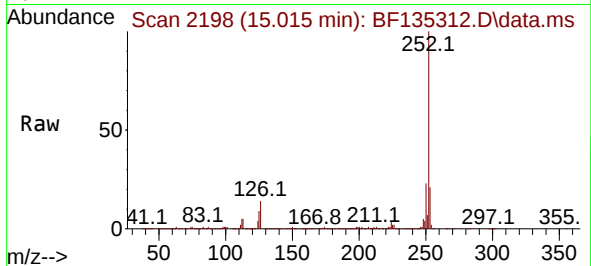
Tgt Ion:252 Resp: 636780
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.4 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 44.213 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

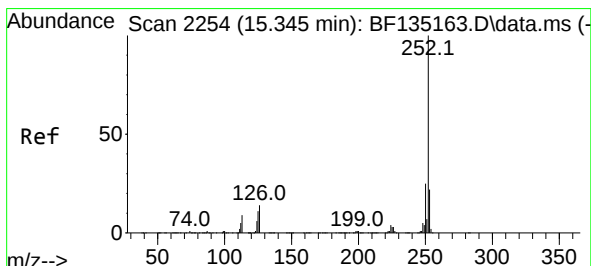
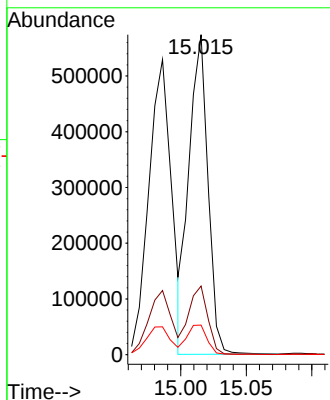
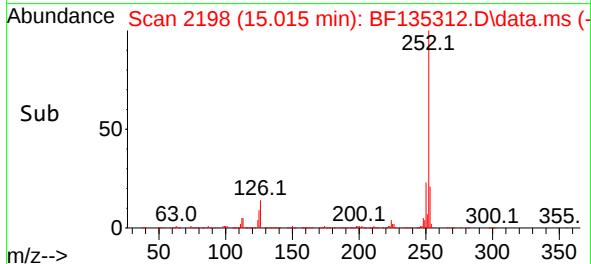
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion:252 Resp: 576352
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.3 7.2 10.8

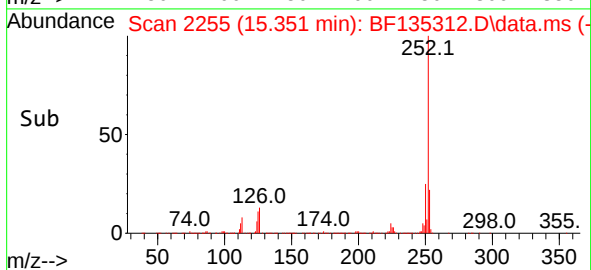
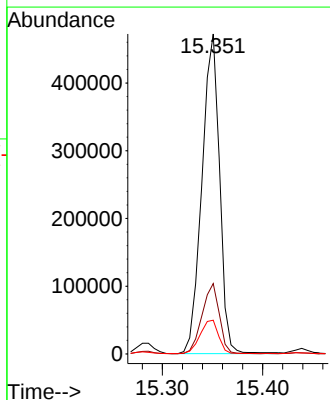
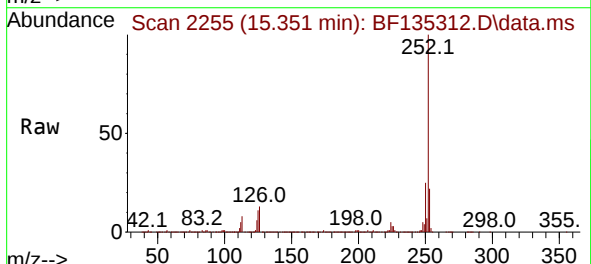
Manual Integrations
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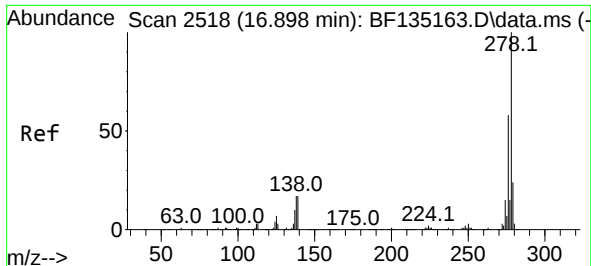
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#90
Benzo(a)pyrene
Concen: 45.921 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

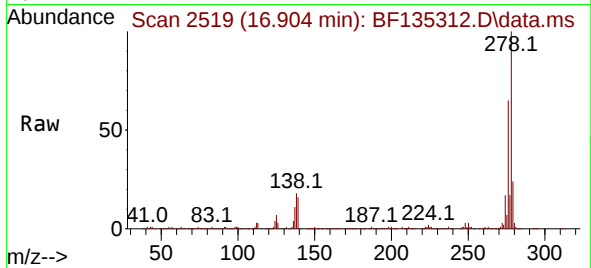
Tgt Ion:252 Resp: 577894
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 40.282 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

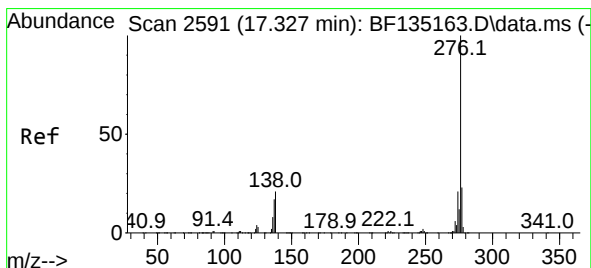
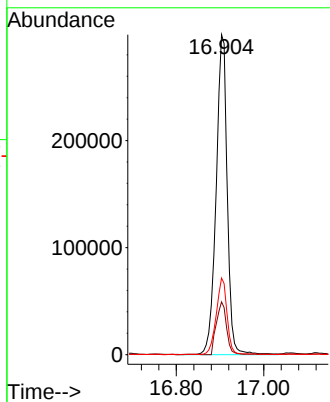
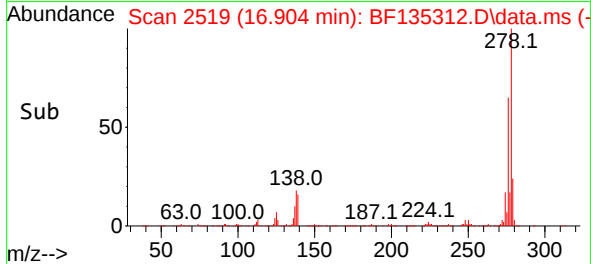
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMS



Tgt Ion: 278 Resp: 526812
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/19/2023
Supervised By : mohammad ahmed 09/19/2023



#92
Benzo(g,h,i)perylene
Concen: 35.217 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135312.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 276 Resp: 481005
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.2 16.9 25.3

