

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135311.D
 Acq On : 18 Sep 2023 17:37
 Operator : CG\JU
 Sample : 04336-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 00:12:32 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	115158	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	438010	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	209583	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	365288	20.000	ng	0.00
76) Chrysene-d12	13.945	240	173677	20.000	ng	0.00
86) Perylene-d12	15.404	264	234122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	698891	98.709	ng	0.01
7) Phenol-d6	6.410	99	882972	98.075	ng	0.00
23) Nitrobenzene-d5	7.322	82	555817	68.942	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	187516	90.033	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	957140	68.901	ng	-0.01
79) Terphenyl-d14	12.880	244	640600	57.178	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	135504	43.656	ng	98
3) Pyridine	3.287	79	339825	40.679	ng	96
4) n-Nitrosodimethylamine	3.252	42	232074	52.352	ng	96
6) Aniline	6.428	93	390285	33.058	ng	# 86
8) 2-Chlorophenol	6.545	128	382316	50.582	ng	99
9) Benzaldehyde	6.316	77	150792	29.401	ng	98
10) Phenol	6.422	94	442143	44.787	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	363392	49.072	ng	98
12) 1,3-Dichlorobenzene	6.698	146	382050	49.737	ng	98
13) 1,4-Dichlorobenzene	6.775	146	380780	48.724	ng	98
14) 1,2-Dichlorobenzene	6.928	146	364368	50.205	ng	98
15) Benzyl Alcohol	6.910	79	330211	51.112	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	694195	49.734	ng	93
17) 2-Methylphenol	7.022	107	298731	44.788	ng	96
18) Hexachloroethane	7.263	117	147981	51.247	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	247676	44.414	ng	91
20) 3+4-Methylphenols	7.175	107	341916	42.631	ng	97
22) Acetophenone	7.169	105	486123	48.544	ng	# 99
24) Nitrobenzene	7.345	77	398473	50.006	ng	100
25) Isophorone	7.581	82	736184	49.728	ng	99
26) 2-Nitrophenol	7.657	139	201748	52.752	ng	99
27) 2,4-Dimethylphenol	7.698	122	291032	45.272	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	447374	50.489	ng	99
29) 2,4-Dichlorophenol	7.904	162	300223	50.400	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	317759	51.036	ng	100
31) Naphthalene	8.063	128	1044672	49.088	ng	99
32) Benzoic acid	7.839	122	247700	51.170	ng	99
33) 4-Chloroaniline	8.116	127	282891	30.297	ng	99
34) Hexachlorobutadiene	8.175	225	187453	49.931	ng	98
35) Caprolactam	8.492	113	104850m	52.446	ng	
36) 4-Chloro-3-methylphenol	8.604	107	328323	49.592	ng	99
37) 2-Methylnaphthalene	8.751	142	656431	45.887	ng	99
38) 1-Methylnaphthalene	8.851	142	638393	47.665	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	310589	51.153	ng	99
41) Hexachlorocyclopentadiene	8.904	237	190097	71.879	ng	97
43) 2,4,6-Trichlorophenol	9.034	196	211638	53.236	ng	97

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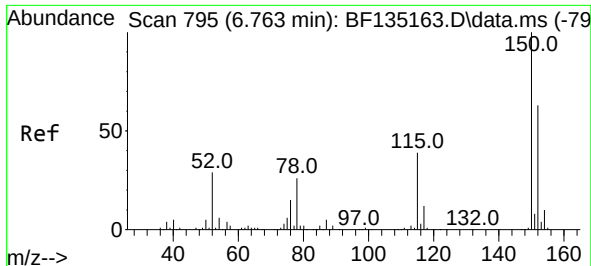
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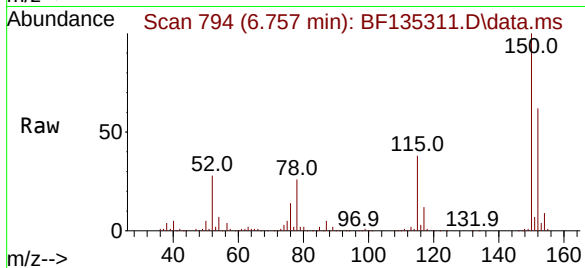
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	227688	49.733	ng	98
46) 1,1'-Biphenyl	9.222	154	831343	51.617	ng	100
47) 2-Chloronaphthalene	9.245	162	627478	53.695	ng	100
48) 2-Nitroaniline	9.345	65	235803	51.940	ng	93
49) Acenaphthylene	9.657	152	1019734	52.506	ng	99
50) Dimethylphthalate	9.528	163	715113	50.467	ng	100
51) 2,6-Dinitrotoluene	9.592	165	160301	51.641	ng	92
52) Acenaphthene	9.833	154	580575	50.604	ng	98
53) 3-Nitroaniline	9.757	138	135549	37.200	ng	97
54) 2,4-Dinitrophenol	9.875	184	137566	78.215	ng	94
55) Dibenzofuran	10.004	168	842567	48.126	ng	98
56) 4-Nitrophenol	9.939	139	210810	91.031	ng	96
57) 2,4-Dinitrotoluene	9.998	165	183507	47.221	ng #	81
58) Fluorene	10.351	166	658431	48.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	174380	49.515	ng	99
60) Diethylphthalate	10.228	149	709416	49.886	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	307623	47.580	ng	100
62) 4-Nitroaniline	10.380	138	157963	45.099	ng	98
63) Azobenzene	10.504	77	693767	49.847	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	92481	47.667	ng	94
66) n-Nitrosodiphenylamine	10.463	169	600635	54.312	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	191346	52.668	ng	96
68) Hexachlorobenzene	10.898	284	198143	53.534	ng	92
69) Atrazine	10.998	200	178953	60.139	ng	99
70) Pentachlorophenol	11.098	266	183729	82.968	ng	100
71) Phenanthrene	11.316	178	883211	51.122	ng	99
72) Anthracene	11.369	178	887514	49.977	ng	99
73) Carbazole	11.527	167	829479	51.310	ng	99
74) Di-n-butylphthalate	11.857	149	985997	51.761	ng	99
75) Fluoranthene	12.504	202	777919	43.213	ng	99
77) Benzidine	12.633	184	299906	84.288	ng	100
78) Pyrene	12.739	202	748494	45.266	ng	99
80) Butylbenzylphthalate	13.363	149	293690	50.446	ng	100
81) Benzo(a)anthracene	13.933	228	564284	50.316	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	183731	52.450	ng #	98
83) Chrysene	13.968	228	563718	50.557	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	342602	57.347	ng	100
85) Di-n-octyl phthalate	14.545	149	637741	67.172	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	654667	42.648	ng	99
88) Benzo(b)fluoranthene	14.986	252	654972	51.679	ng	98
89) Benzo(k)fluoranthene	15.015	252	573016	45.770	ng	99
90) Benzo(a)pyrene	15.351	252	590471	48.855	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	536977	42.753	ng	99
92) Benzo(g,h,i)perylene	17.339	276	502785	38.330	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

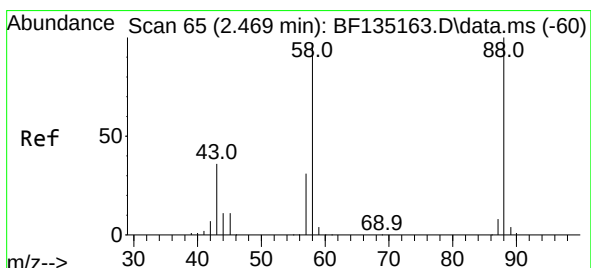
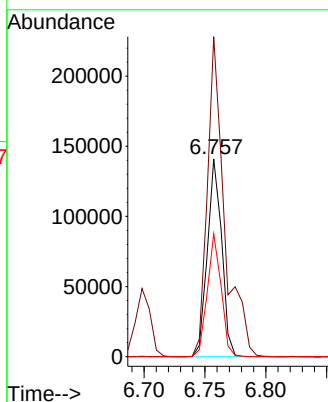
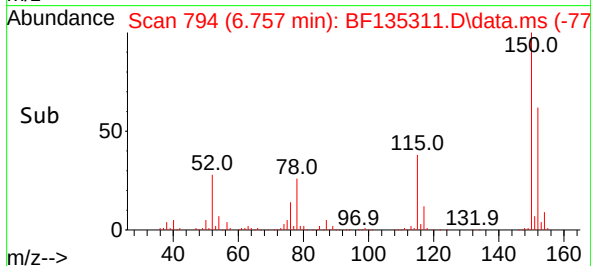
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 115158
Ion Ratio Lower Upper
152 100
150 161.8 127.8 191.6
115 62.1 49.8 74.8

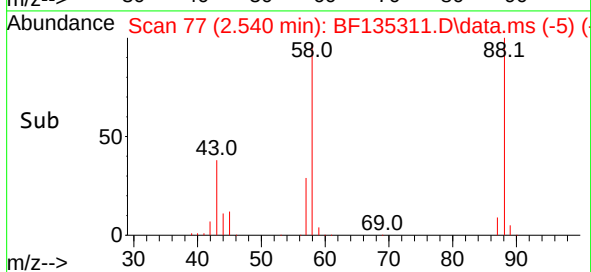
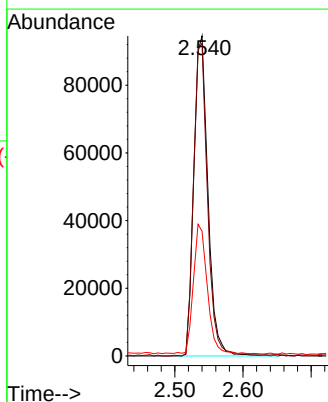
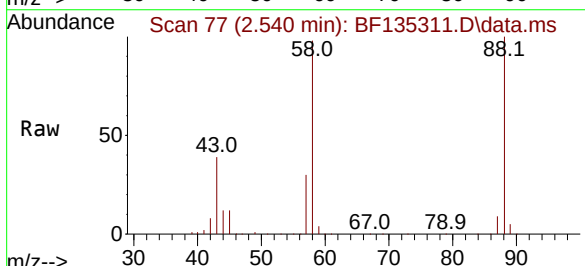
Manual Integrations
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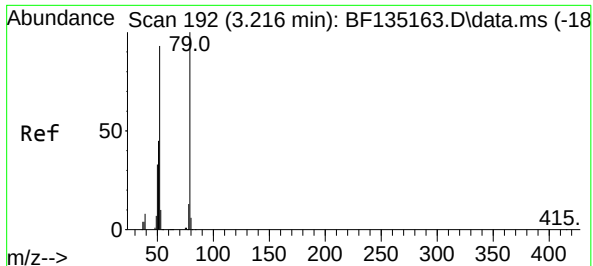
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#2
1,4-Dioxane
Concen: 43.656 ng
RT: 2.540 min Scan# 77
Delta R.T. 0.071 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

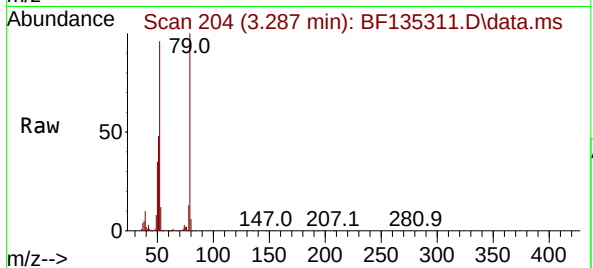
Tgt Ion: 88 Resp: 135504
Ion Ratio Lower Upper
88 100
58 96.8 78.3 117.5
43 39.2 29.4 44.0





#3
Pyridine
Concen: 40.679 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.071 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

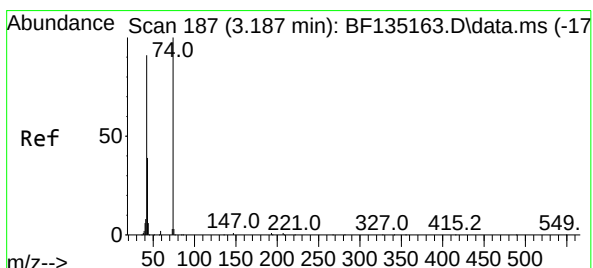
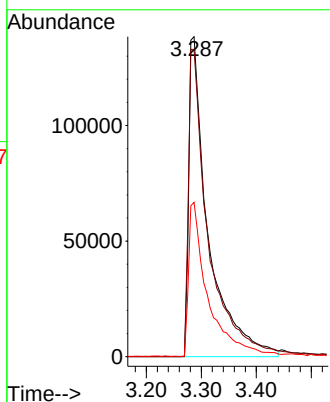
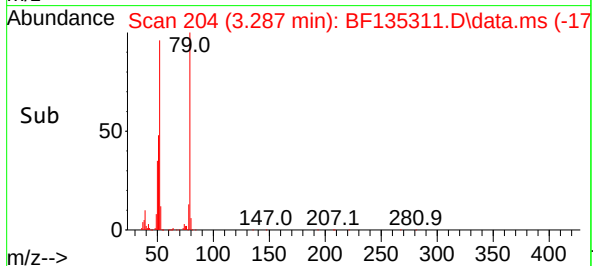
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



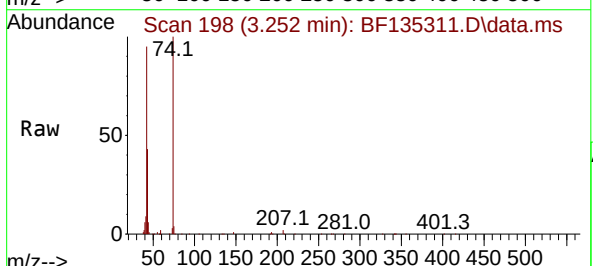
Tgt Ion: 79 Resp: 339825
Ion Ratio Lower Upper
79 100
52 96.0 74.1 111.1
51 48.3 35.8 53.8

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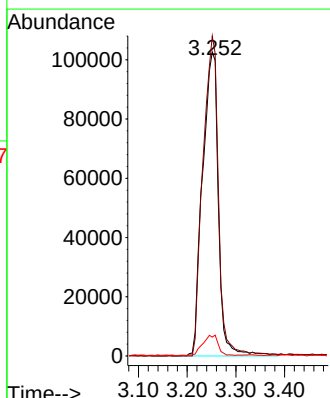
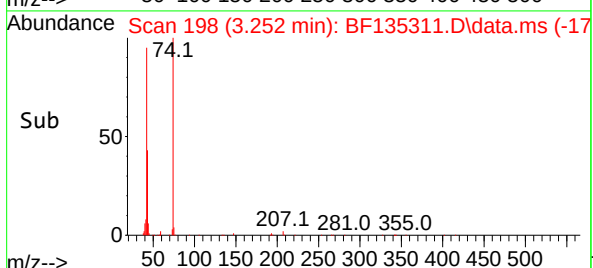
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

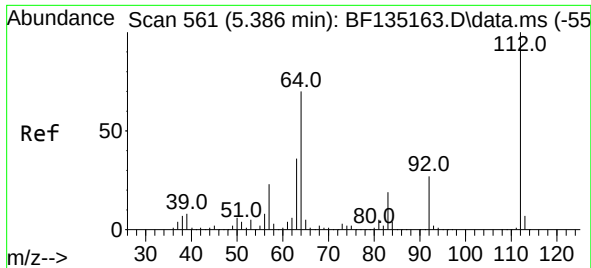


#4
n-Nitrosodimethylamine
Concen: 52.352 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.065 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



Tgt Ion: 42 Resp: 232074
Ion Ratio Lower Upper
42 100
74 105.3 87.7 131.5
44 6.2 5.6 8.4





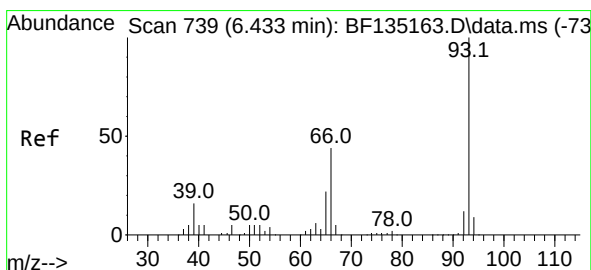
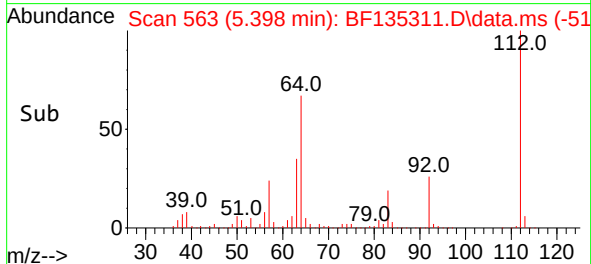
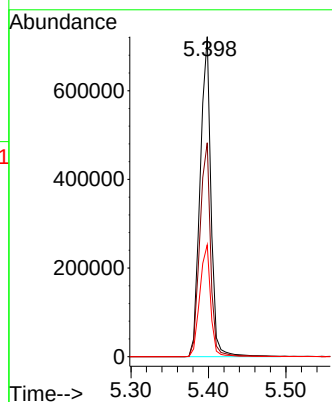
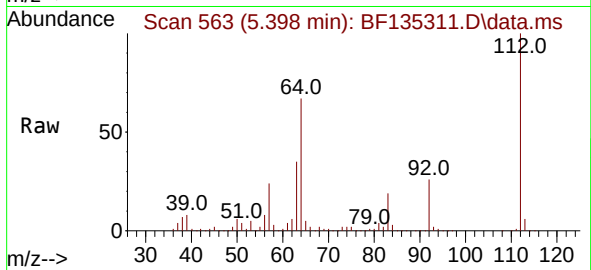
#5
2-Fluorophenol
Concen: 98.709 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion:112 Resp: 69889
Ion Ratio Lower Upper
112 100
64 66.8 55.9 83.9
63 34.9 29.0 43.6

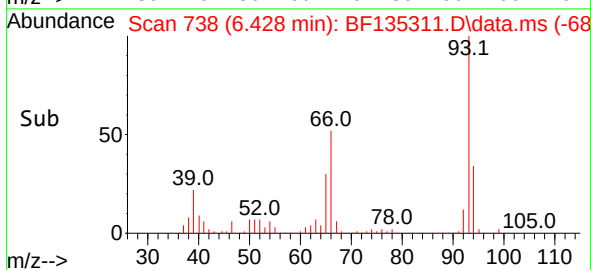
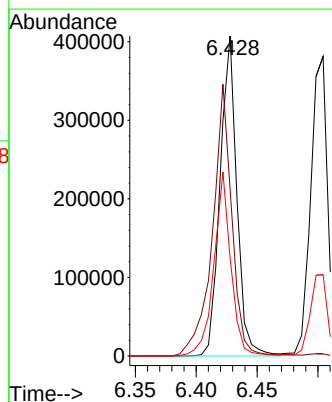
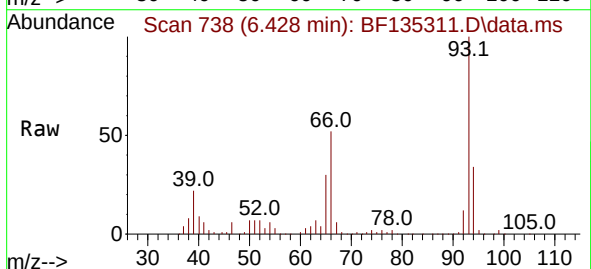
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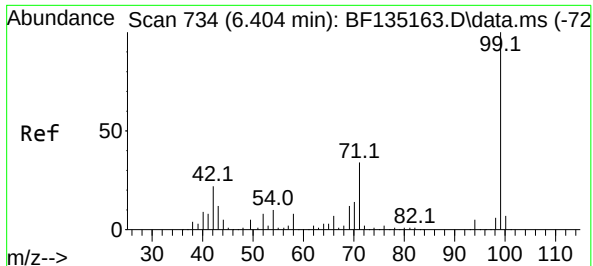
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 33.058 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

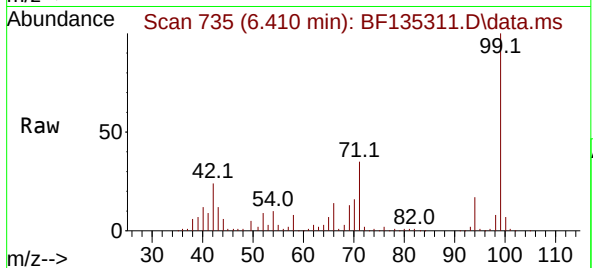
Tgt Ion: 93 Resp: 390285
Ion Ratio Lower Upper
93 100
66 52.0 35.4 53.0
65 30.5 17.8 26.8





#7
Phenol-d6
Concen: 98.075 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

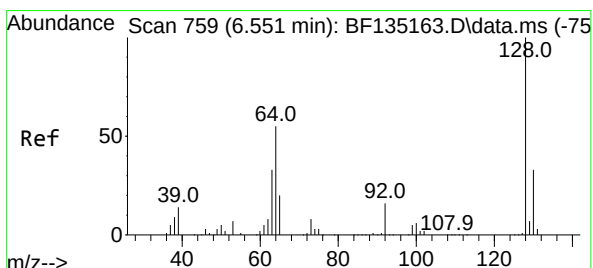
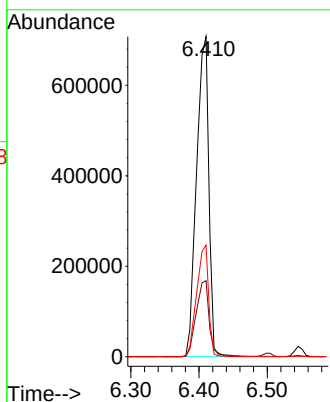
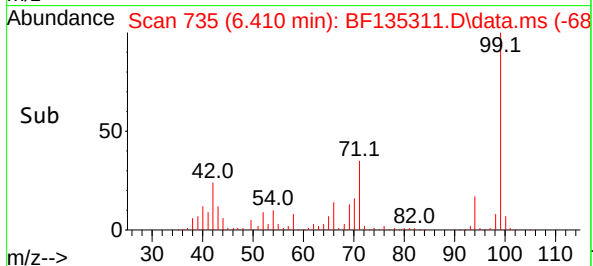
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DUCT-BANK-AMSD



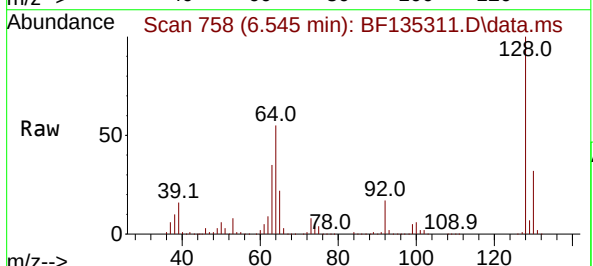
Tgt Ion: 99 Resp: 882972
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 34.8 27.0 40.6

Manual Integrations
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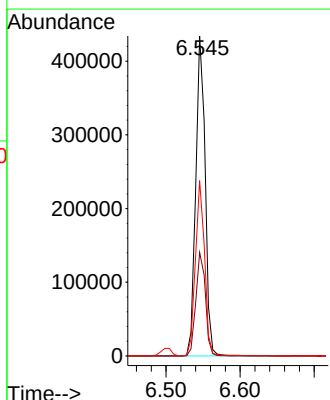
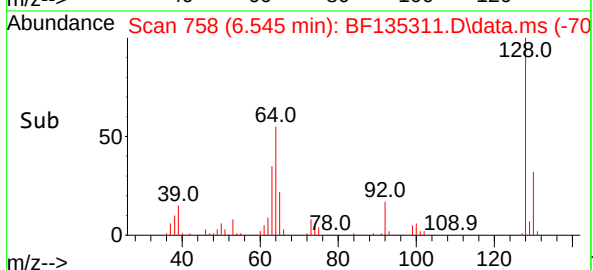
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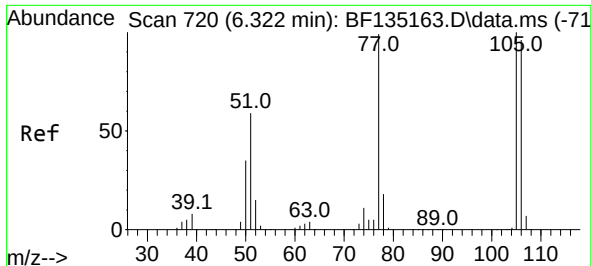


#8
2-Chlorophenol
Concen: 50.582 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



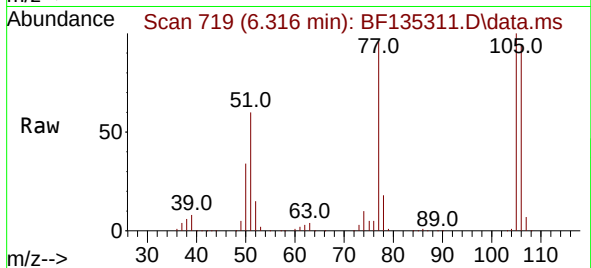
Tgt Ion:128 Resp: 382316
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 54.8 35.9 75.9





#9
Benzaldehyde
Concen: 29.401 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

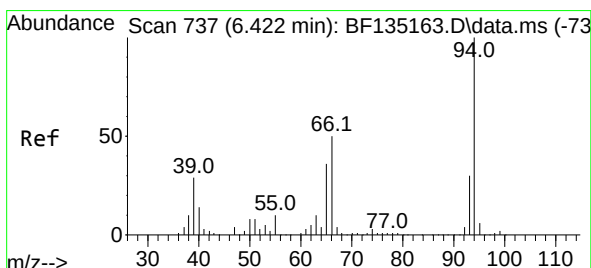
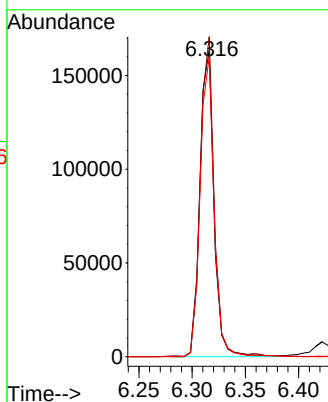
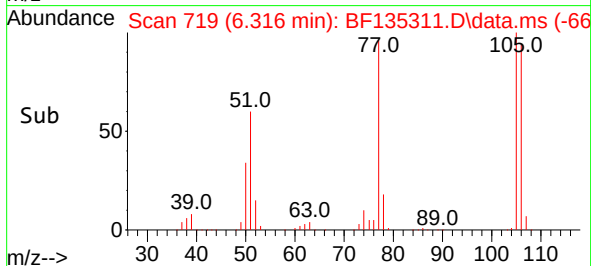
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion: 77 Resp: 150792
Ion Ratio Lower Upper
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105 104.3 81.4 121.4
106 97.7 76.9 116.9

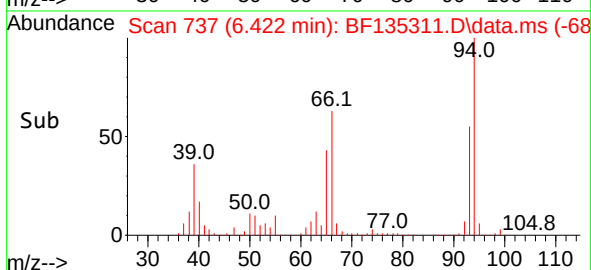
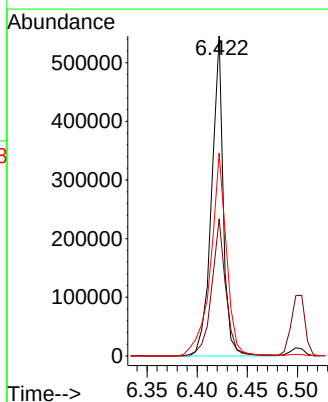
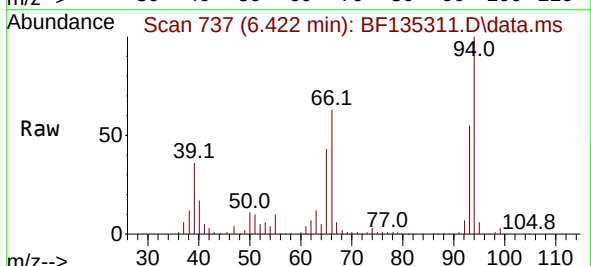
Manual Integrations
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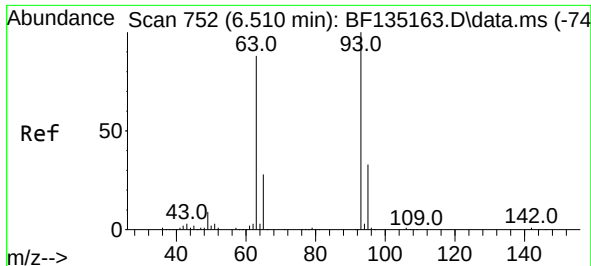
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#10
Phenol
Concen: 44.787 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 94 Resp: 442143
Ion Ratio Lower Upper
94 100
65 42.9 15.9 55.9
66 63.4 29.8 69.8





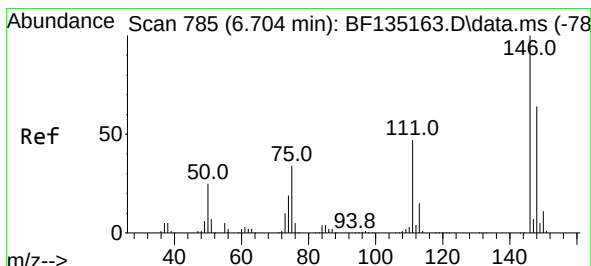
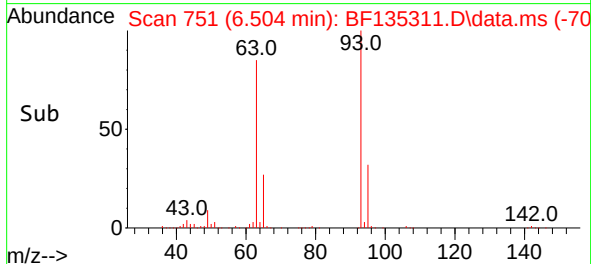
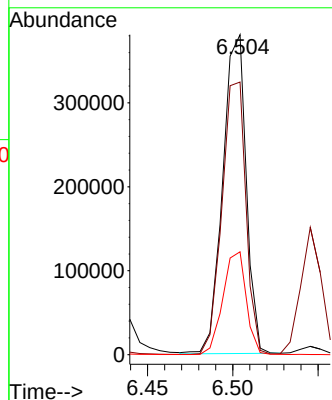
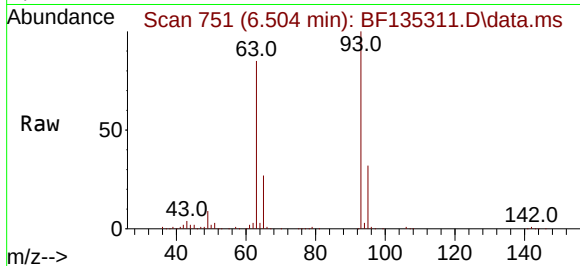
#11
bis(2-Chloroethyl)ether
Concen: 49.072 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion: 93 Resp: 363392
Ion Ratio Lower Upper
93 100
63 85.2 67.3 107.3
95 32.2 12.7 52.7

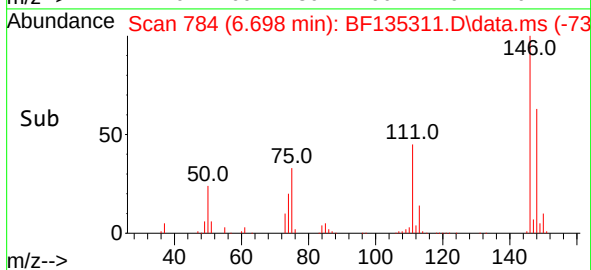
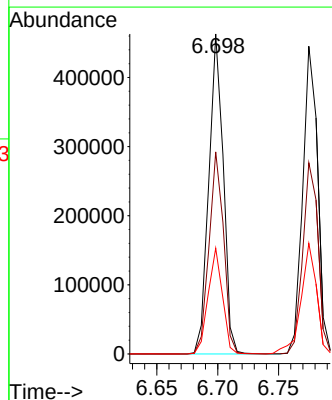
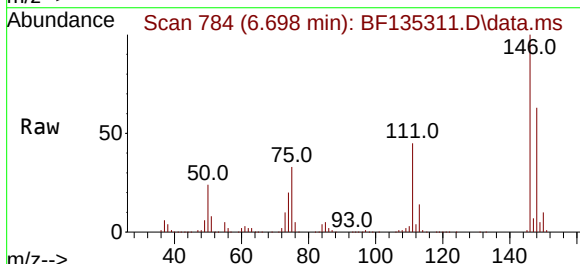
Manual Integrations
APPROVED

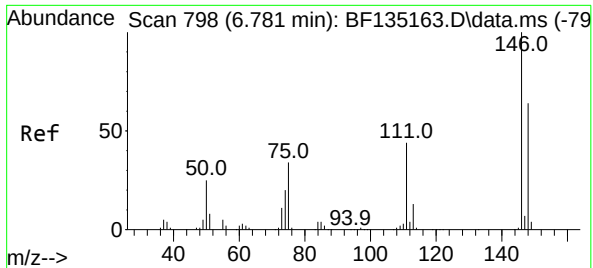
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 49.737 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:146 Resp: 382050
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 33.1 27.4 41.2





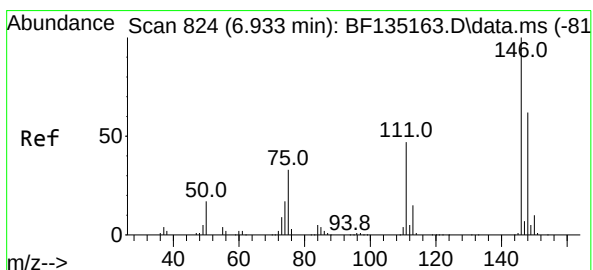
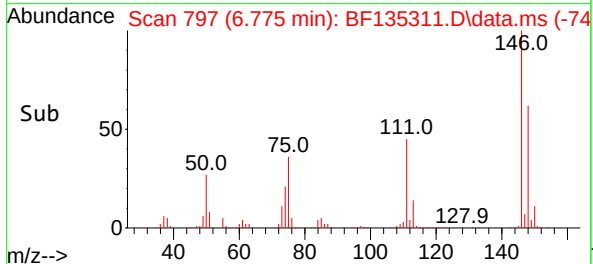
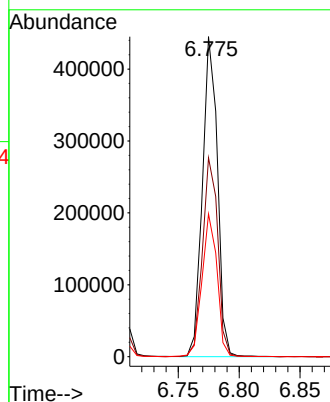
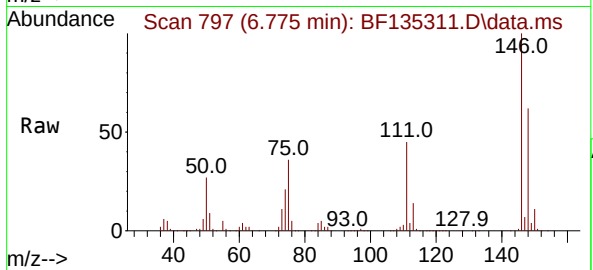
#13
1,4-Dichlorobenzene
Concen: 48.724 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion:146 Resp: 380780
Ion Ratio Lower Upper
146 100
148 62.2 51.3 76.9
111 44.6 35.1 52.7

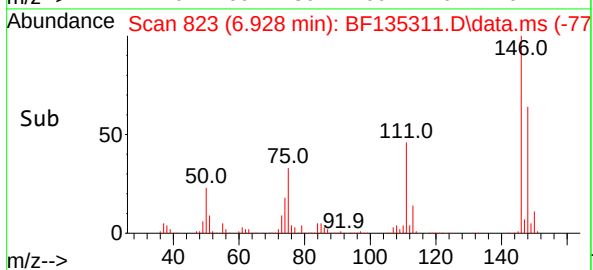
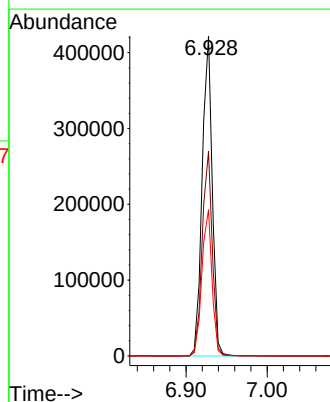
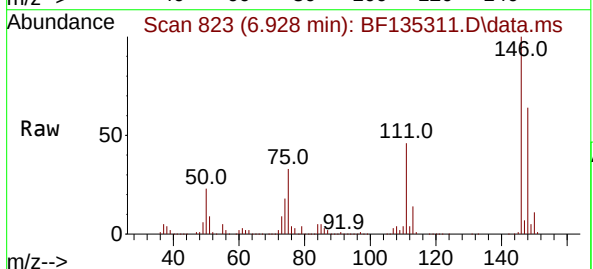
Manual Integrations
APPROVED

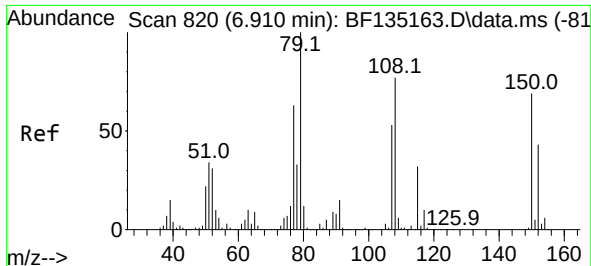
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#14
1,2-Dichlorobenzene
Concen: 50.205 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

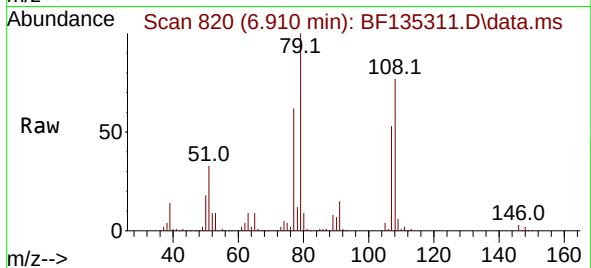
Tgt Ion:146 Resp: 364368
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 45.7 37.4 56.2





#15
Benzyl Alcohol
Concen: 51.112 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

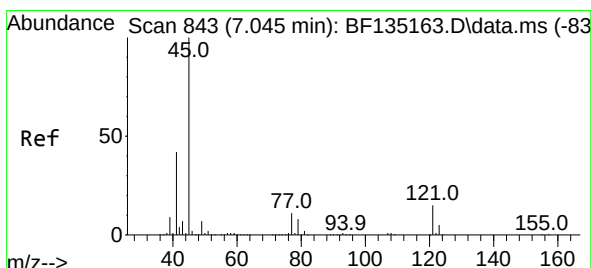
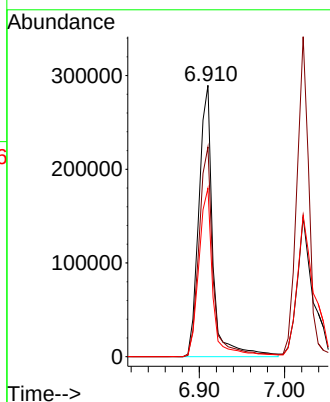
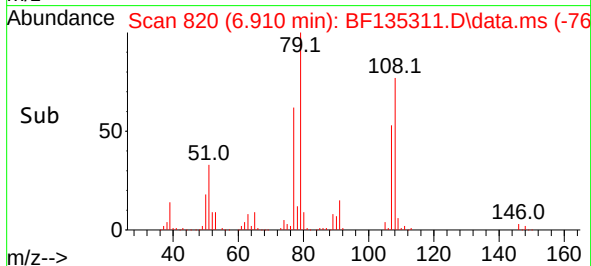
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion: 79 Resp: 33021
Ion Ratio Lower Upper
79 100
108 77.3 61.2 91.8
77 62.1 50.5 75.7

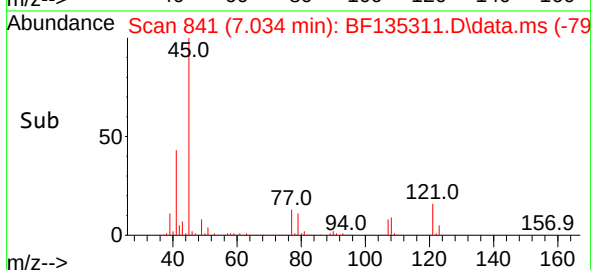
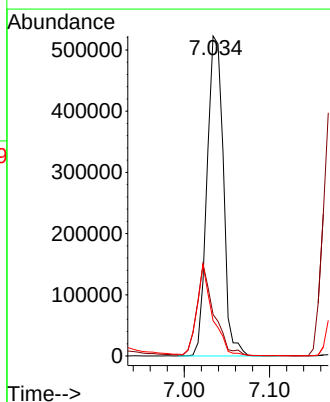
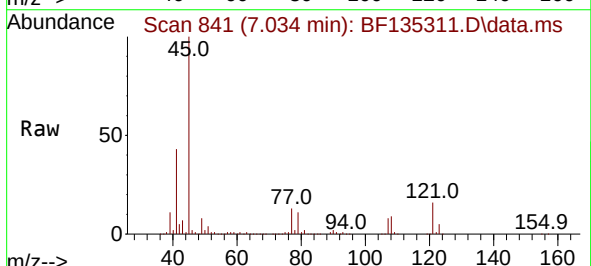
Manual Integrations
APPROVED

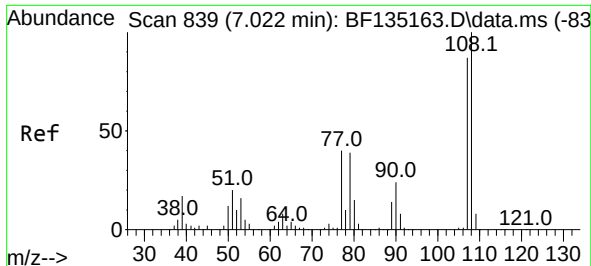
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.734 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

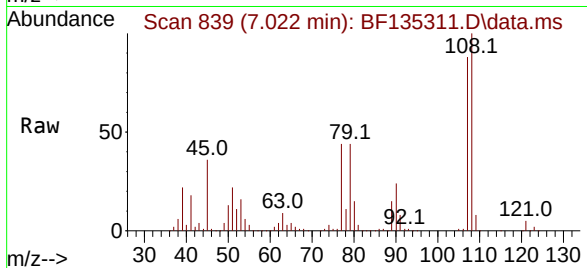
Tgt Ion: 45 Resp: 694195
Ion Ratio Lower Upper
45 100
77 13.0 0.0 30.6
79 11.1 0.0 28.3





#17
2-Methylphenol
Concen: 44.788 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

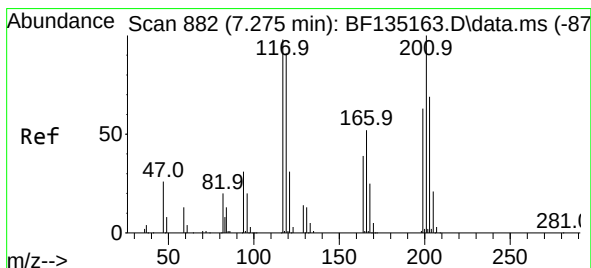
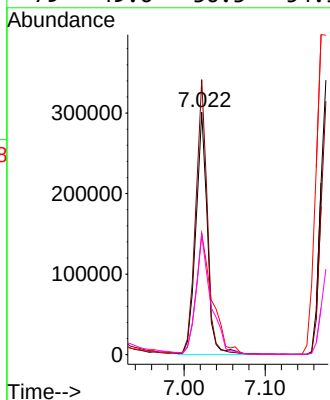
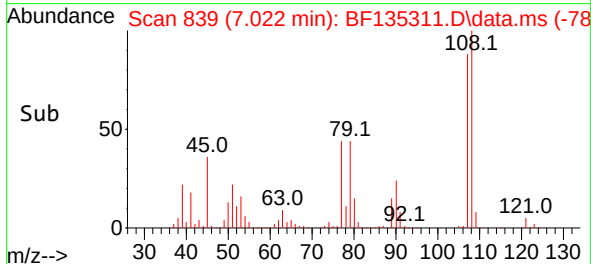
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



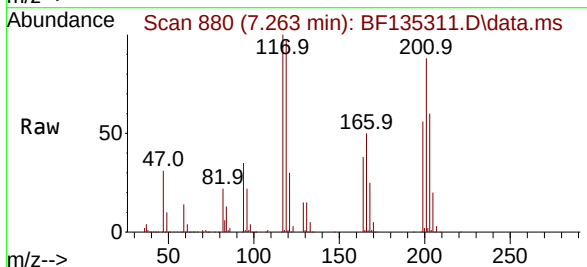
Tgt Ion:107 Resp: 29873
Ion Ratio Lower Upper
107 100
108 113.4 92.0 138.0
77 50.1 36.7 55.1
79 49.6 36.3 54.5

Manual Integrations
APPROVED

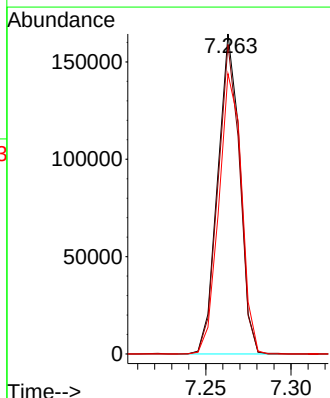
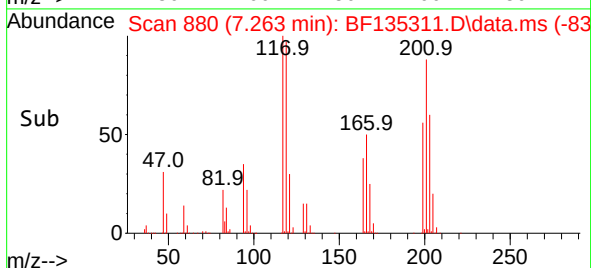
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

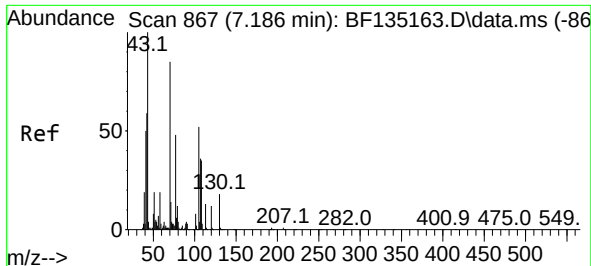


#18
Hexachloroethane
Concen: 51.247 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



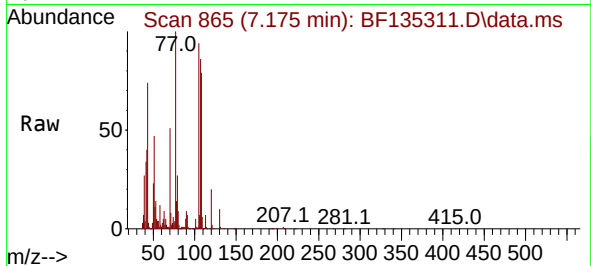
Tgt Ion:117 Resp: 147981
Ion Ratio Lower Upper
117 100
119 96.8 74.7 112.1
201 87.6 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.414 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

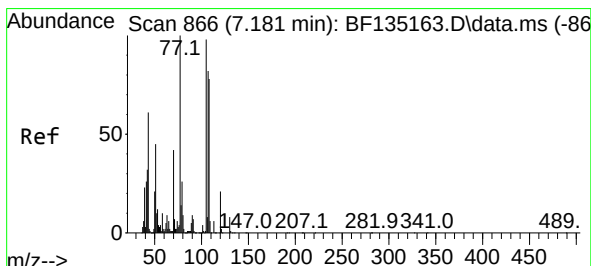
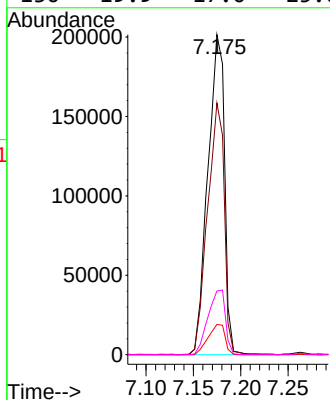
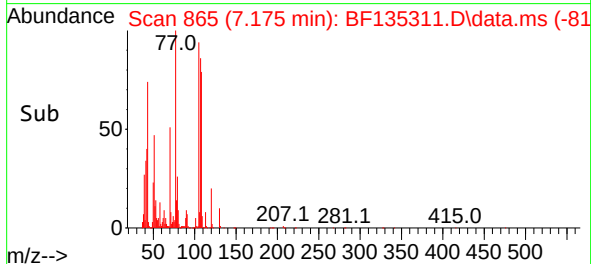
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion: 70 Resp: 247670
Ion Ratio Lower Upper
70 100
42 78.6 55.4 83.0
101 9.4 7.7 11.5
130 19.9 17.0 25.6

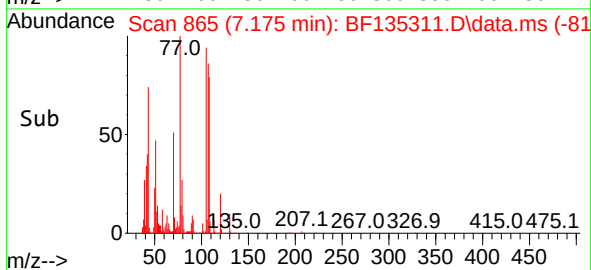
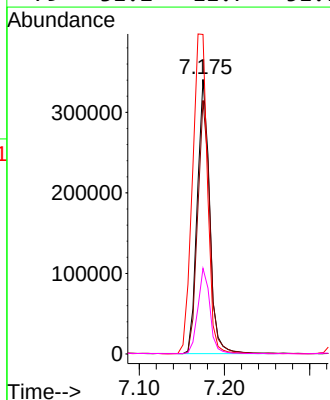
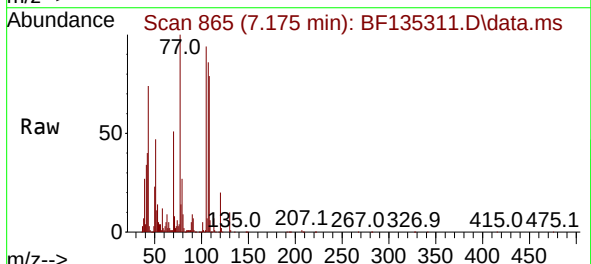
Manual Integrations
APPROVED

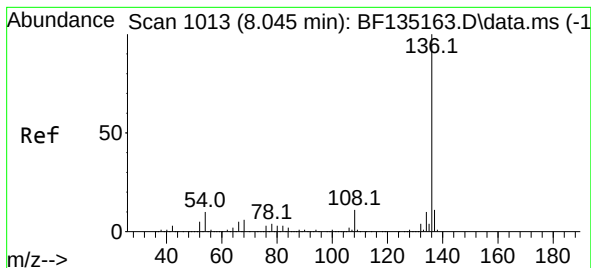
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#20
3+4-Methylphenols
Concen: 42.631 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:107 Resp: 341916
Ion Ratio Lower Upper
107 100
108 92.4 74.7 114.7
77 116.4 102.0 142.0
79 31.2 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: BF135311.D

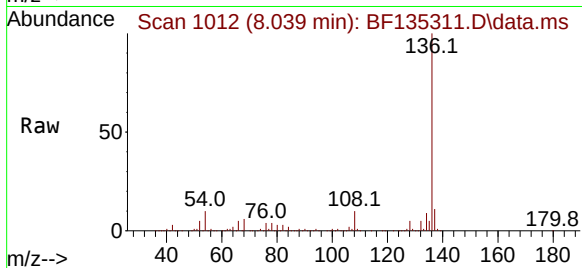
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:136 Resp: 438010

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 7.7 11.5

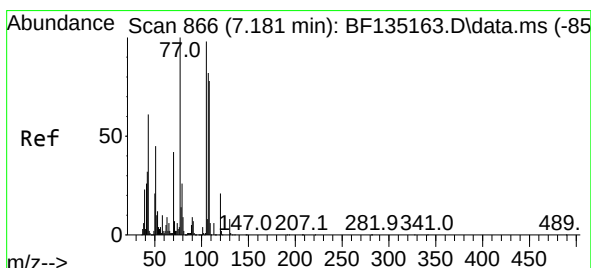
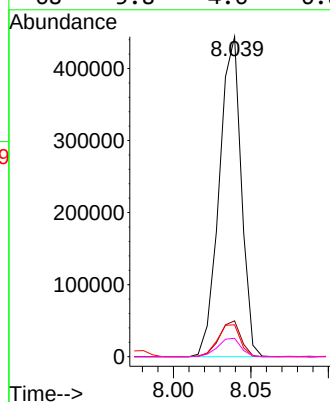
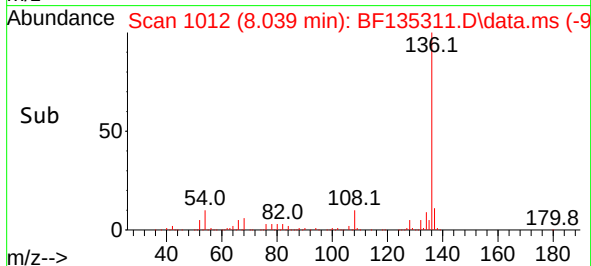
68 5.8 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#22

Acetophenone

Concen: 48.544 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Tgt Ion:105 Resp: 486123

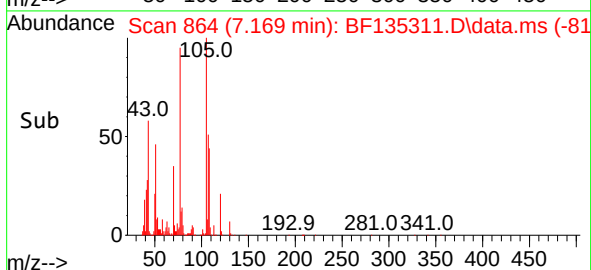
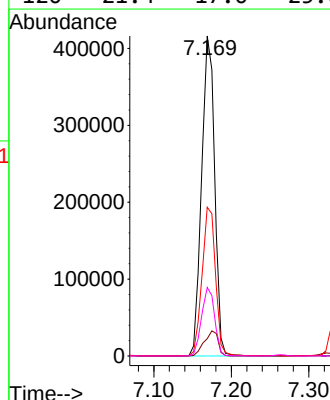
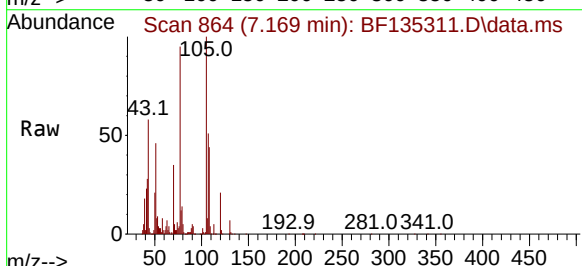
Ion Ratio Lower Upper

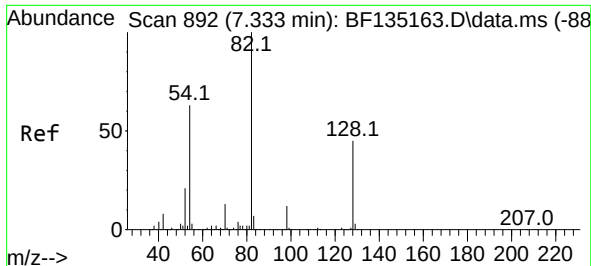
105 100

71 5.4 5.8 8.6

51 46.5 37.0 55.4

120 21.4 17.0 25.6





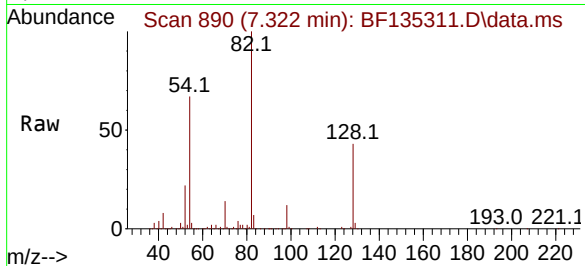
#23
Nitrobenzene-d5
Concen: 68.942 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

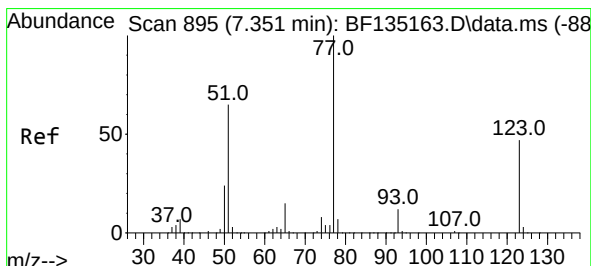
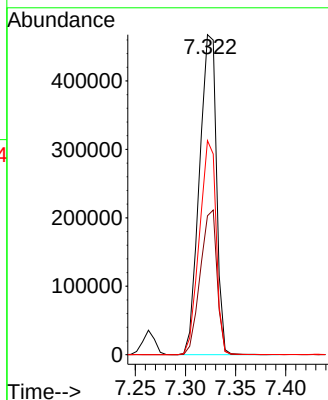
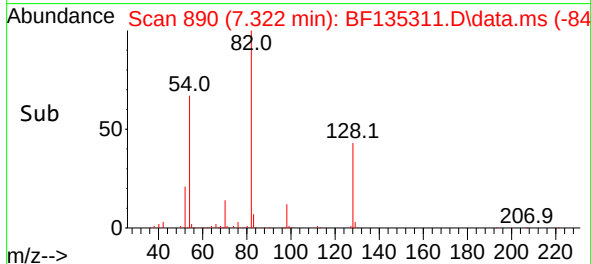
DUCT-BANK-AMSD



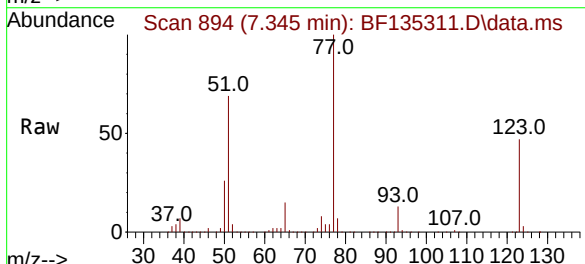
Tgt Ion: 82 Resp: 55581
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 66.9 50.6 76.0

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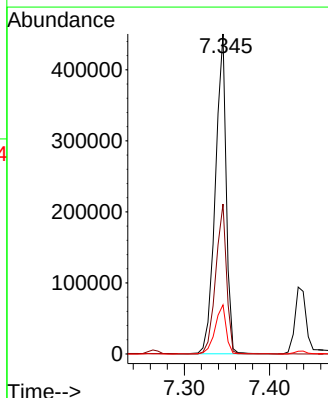
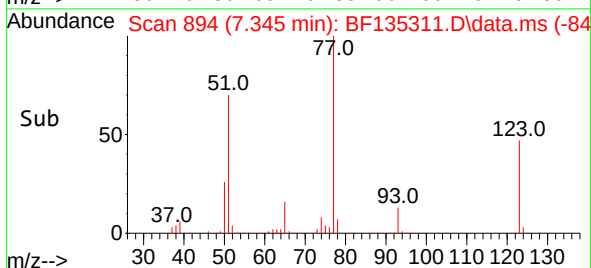
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

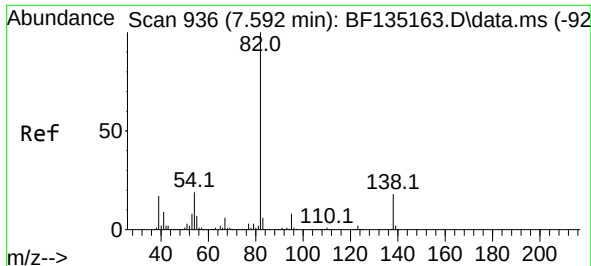


#24
Nitrobenzene
Concen: 50.006 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



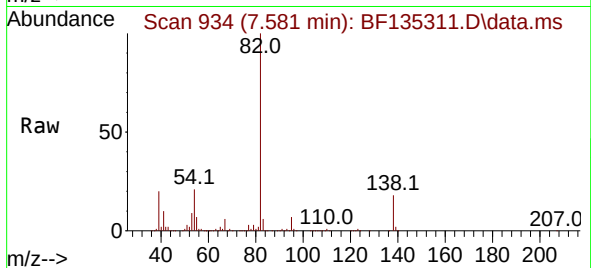
Tgt Ion: 77 Resp: 398473
Ion Ratio Lower Upper
77 100
123 46.8 37.6 56.4
65 15.3 12.2 18.4





#25
Isophorone
Concen: 49.728 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

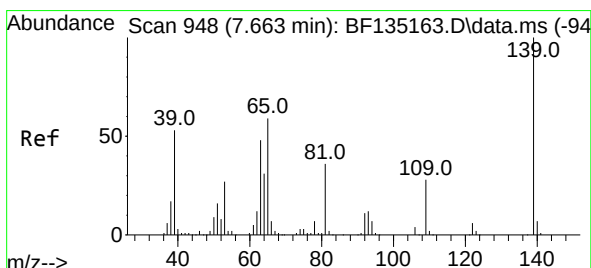
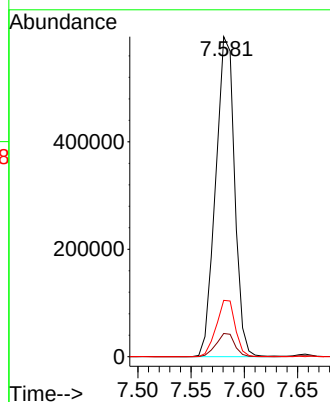
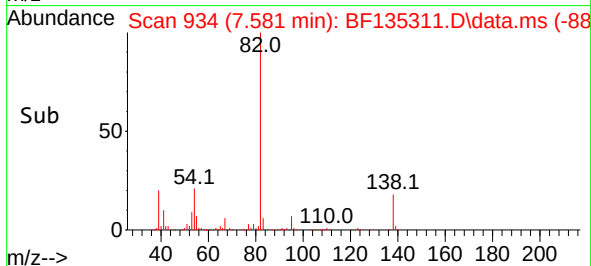
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



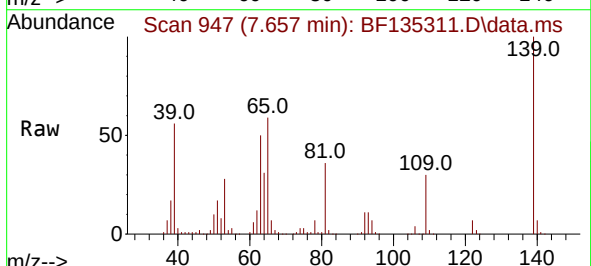
Tgt Ion: 82 Resp: 736184
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.6 14.5 21.7

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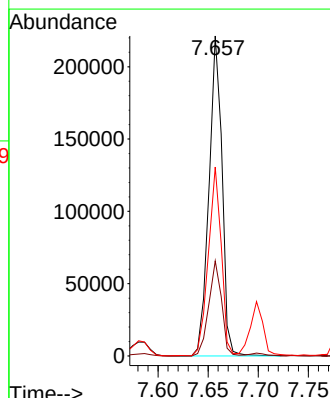
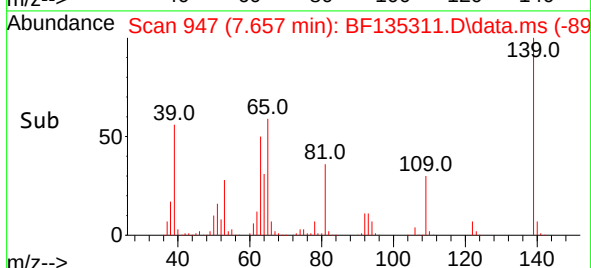
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

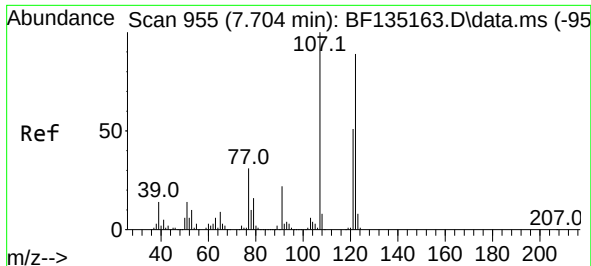


#26
2-Nitrophenol
Concen: 52.752 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



Tgt Ion:139 Resp: 201748
Ion Ratio Lower Upper
139 100
109 29.7 22.6 33.8
65 59.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.272 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135311.D

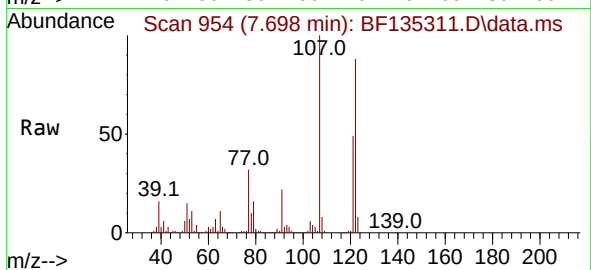
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



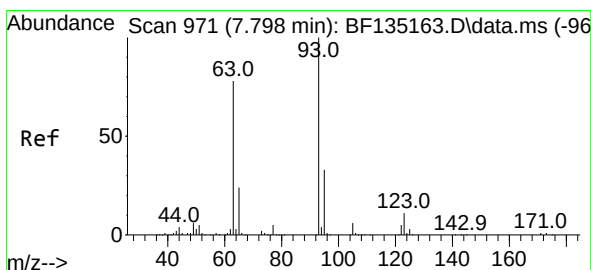
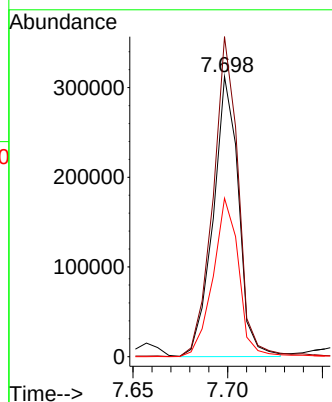
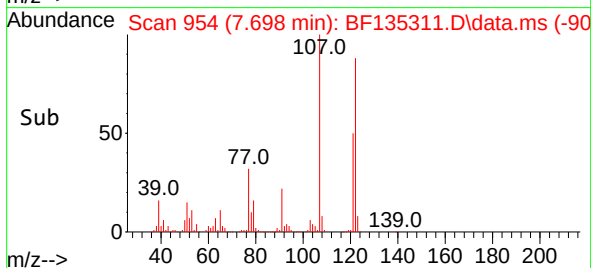
Tgt Ion:	122	Resp:	29103
Ion Ratio	Lower	Upper	
122	100		
107	114.2	90.2	135.4
121	56.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 50.489 ng

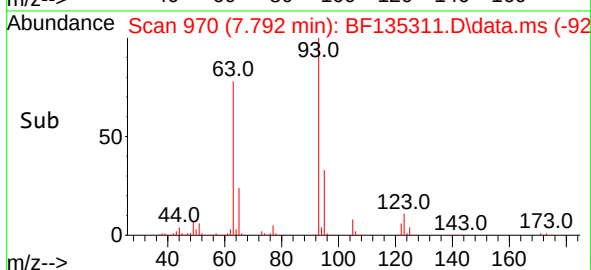
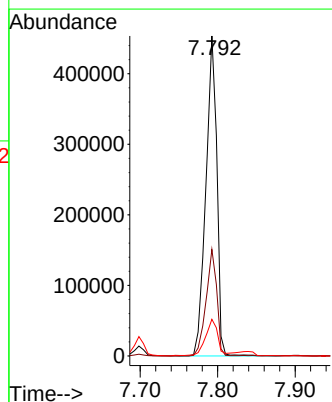
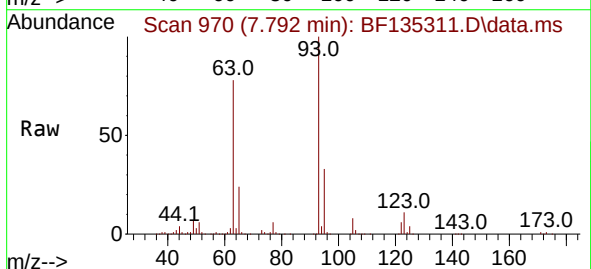
RT: 7.792 min Scan# 970

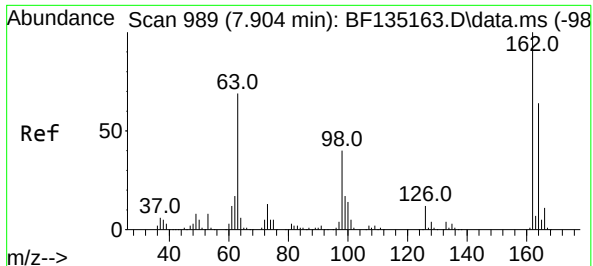
Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Tgt Ion:	93	Resp:	447374
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.2	39.2
123	11.5	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 50.400 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135311.D

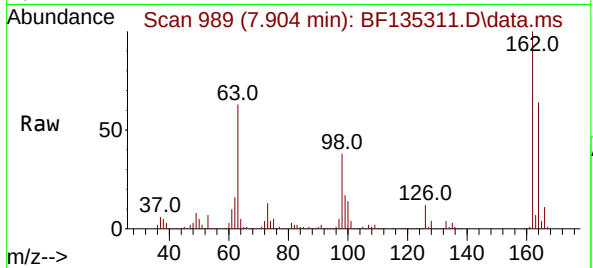
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



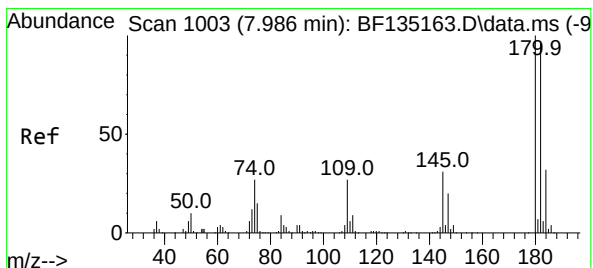
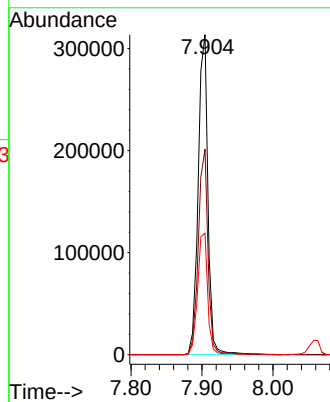
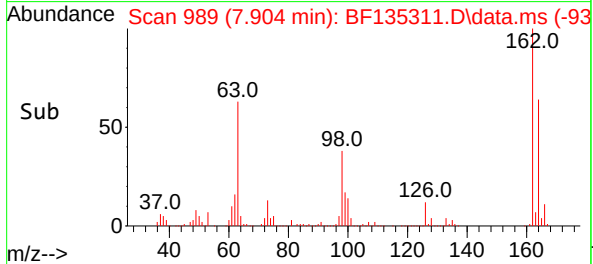
Tgt Ion:	162	Resp:	30022
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.1	84.1
98	38.0	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.036 ng

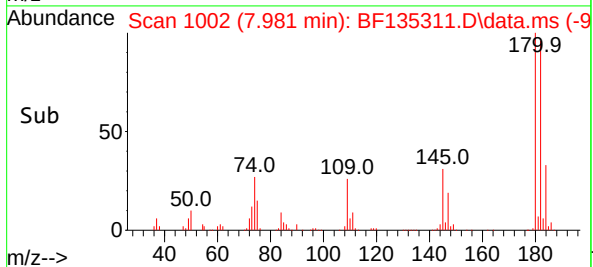
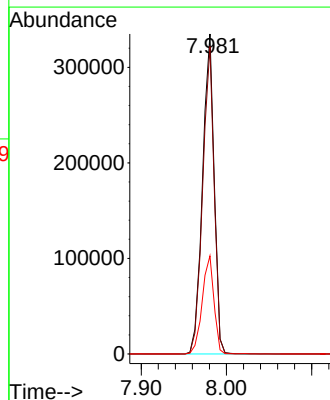
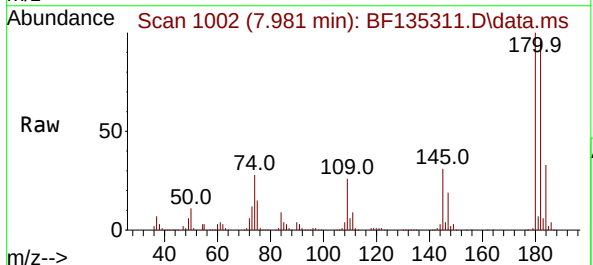
RT: 7.981 min Scan# 1002

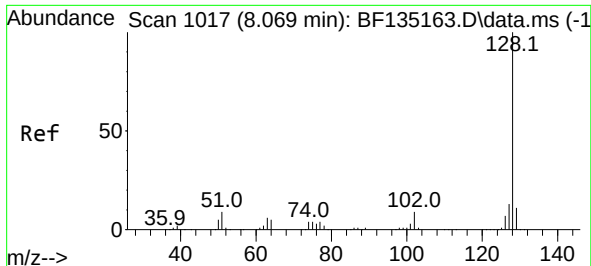
Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

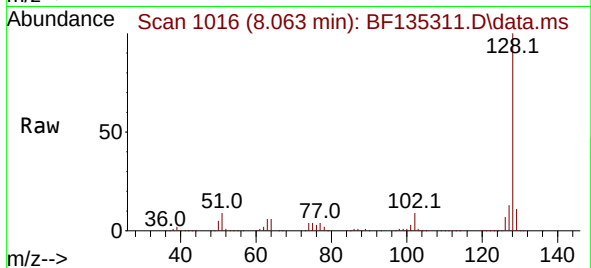
Tgt Ion:	180	Resp:	317759
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.9	115.3
145	30.7	24.5	36.7





#31
Naphthalene
Concen: 49.088 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

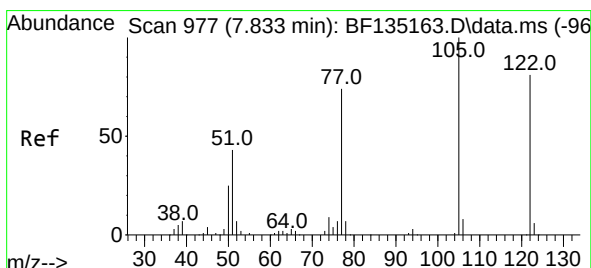
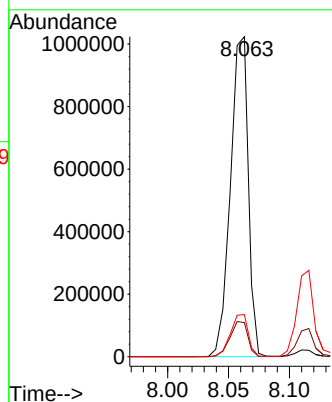
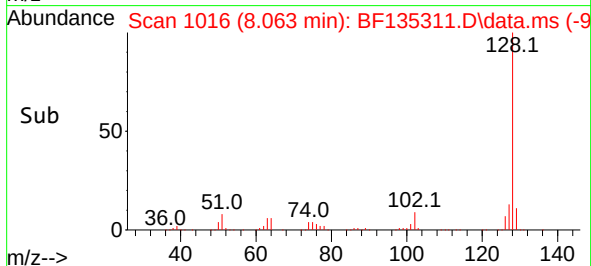
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion:128 Resp: 1044672
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.7 16.1

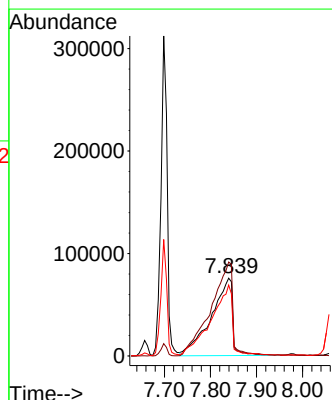
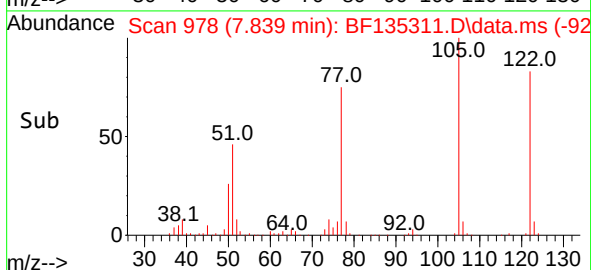
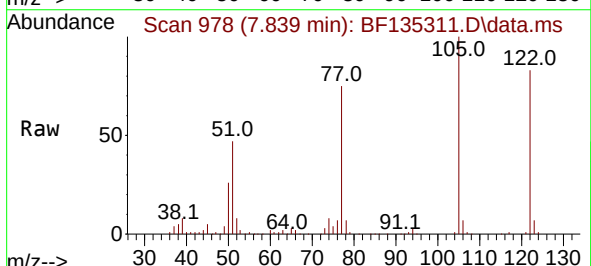
Manual Integrations
APPROVED

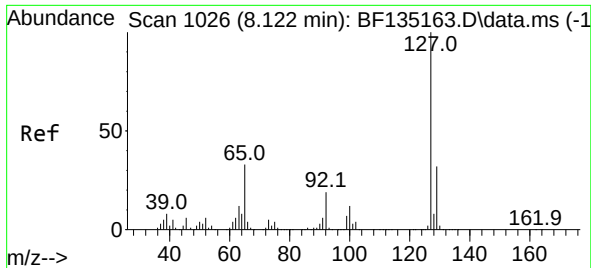
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 51.170 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:122 Resp: 247700
Ion Ratio Lower Upper
122 100
105 120.7 99.9 139.9
77 91.1 70.0 110.0





#33
4-Chloroaniline
Concen: 30.297 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

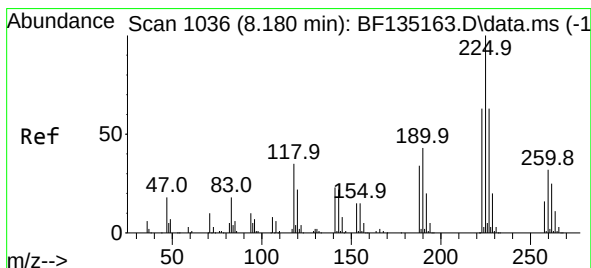
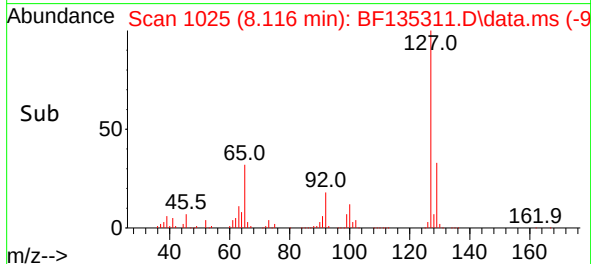
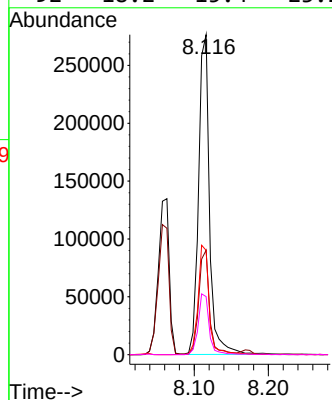
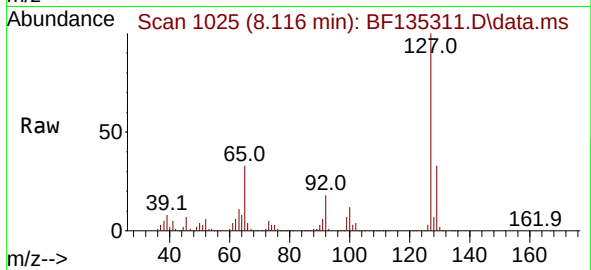
DUCT-BANK-AMSD

Tgt Ion:127 Resp: 28289
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 32.6 26.6 39.8
92 18.2 15.4 23.2

Manual Integrations

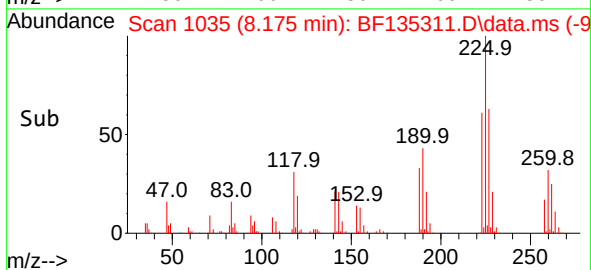
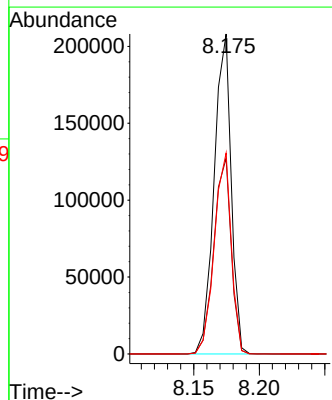
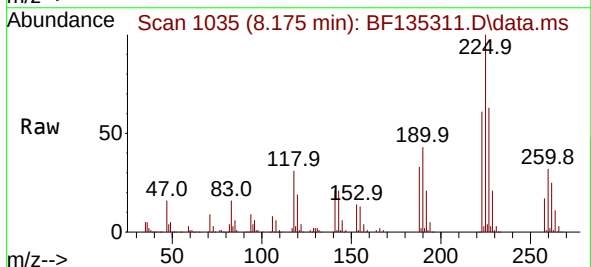
APPROVED

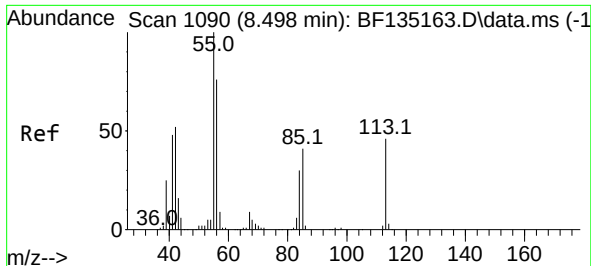
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#34
Hexachlorobutadiene
Concen: 49.931 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

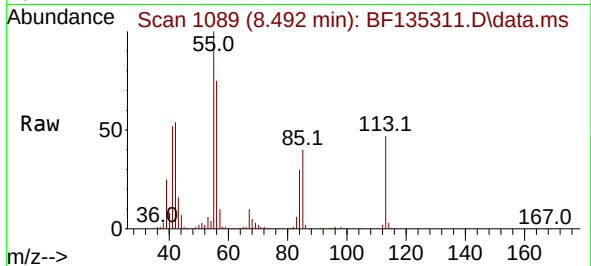
Tgt Ion:225 Resp: 187453
Ion Ratio Lower Upper
225 100
223 61.2 50.6 75.8
227 62.8 50.8 76.2





#35
Caprolactam
Concen: 52.446 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

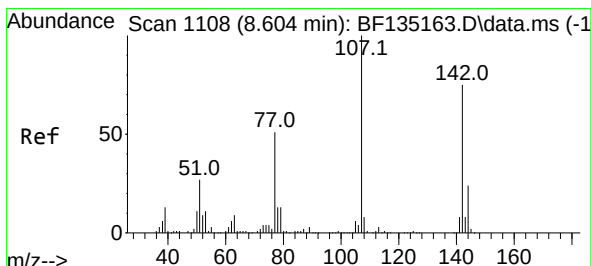
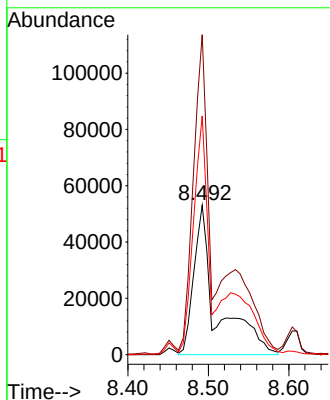
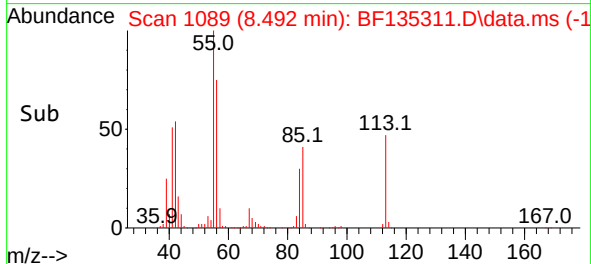
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion:113 Resp: 104850
Ion Ratio Lower Upper
113 100
55 214.1 199.3 239.3
56 159.7 146.3 186.3

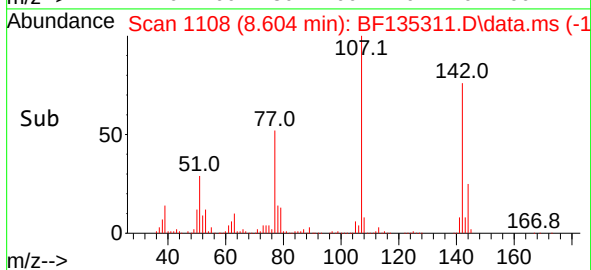
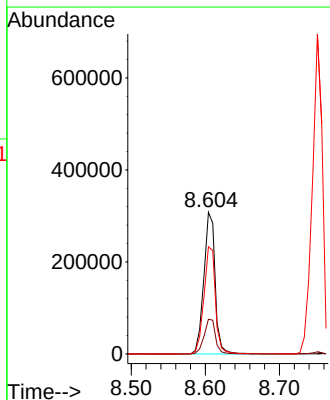
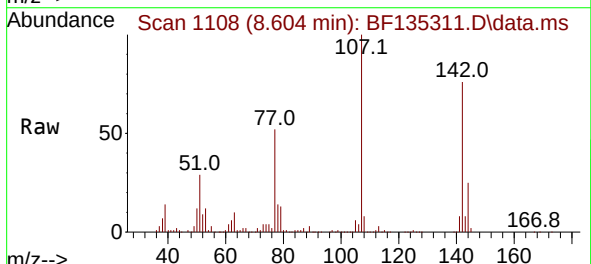
Manual Integrations
APPROVED

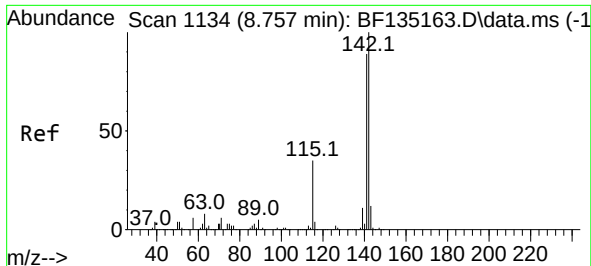
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#36
4-Chloro-3-methylphenol
Concen: 49.592 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:107 Resp: 328323
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.4
142 75.6 60.2 90.2





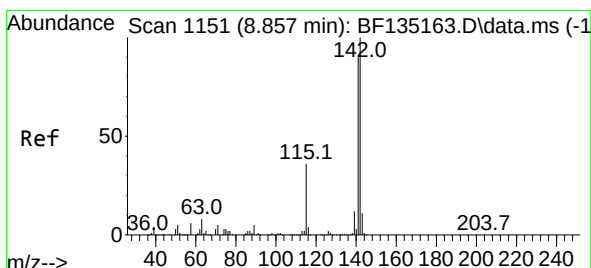
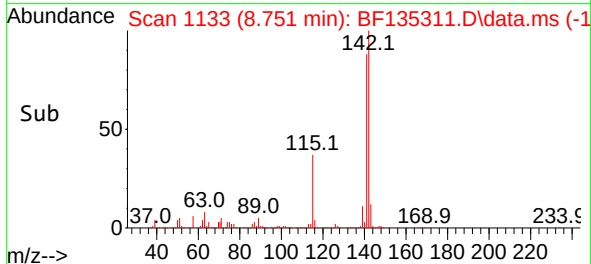
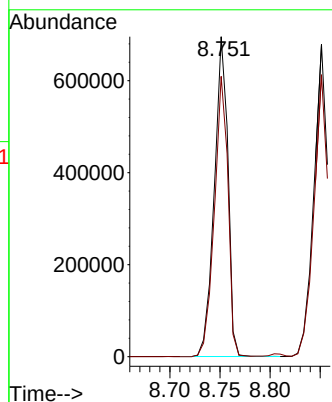
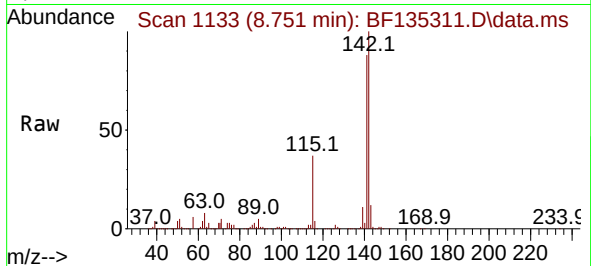
#37
2-Methylnaphthalene
Concen: 45.887 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion:142 Resp: 65643
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6

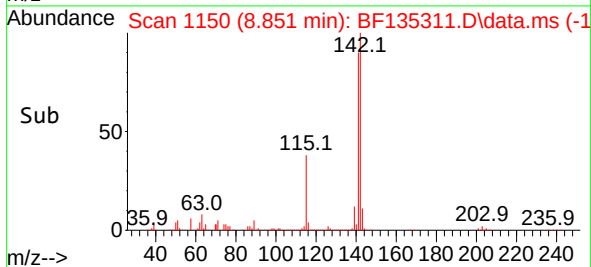
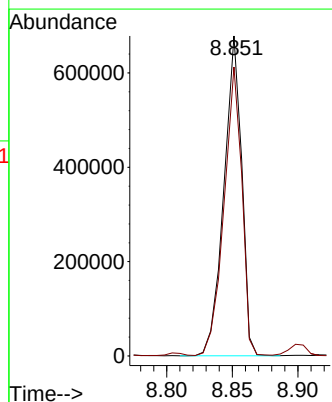
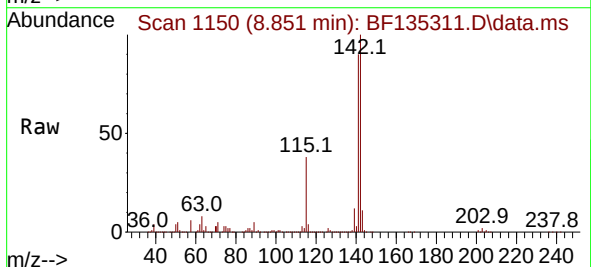
Manual Integrations
APPROVED

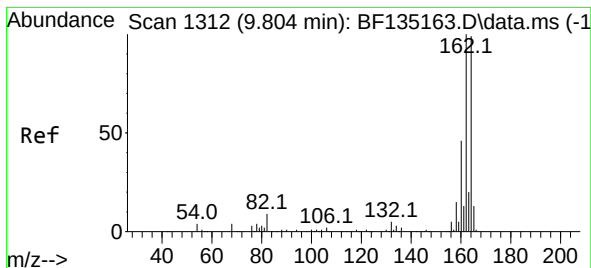
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#38
1-Methylnaphthalene
Concen: 47.665 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:142 Resp: 638393
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

Tgt Ion:164 Resp: 20958

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.4

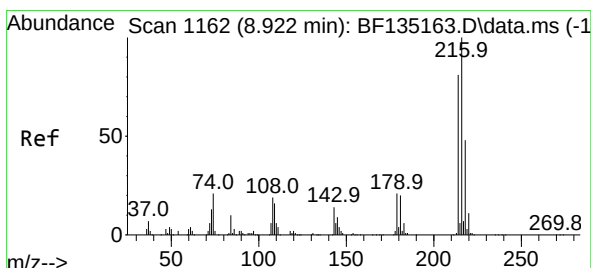
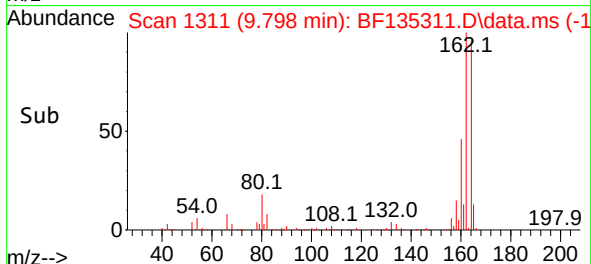
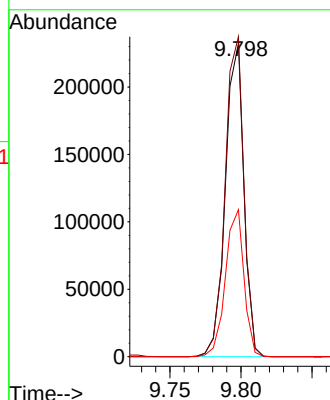
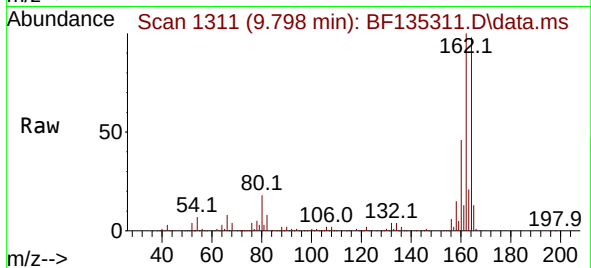
160 46.9 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.153 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Tgt Ion:216 Resp: 310589

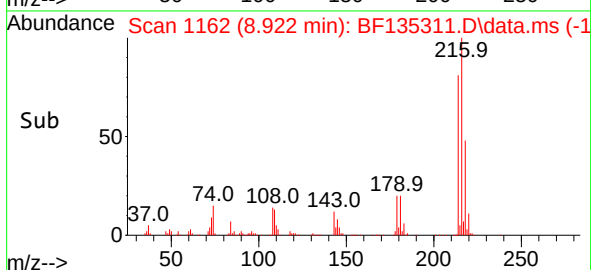
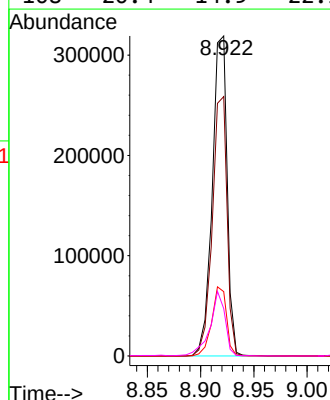
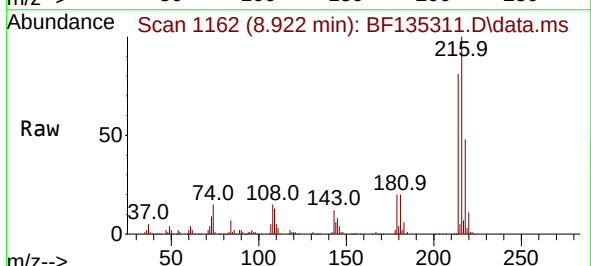
Ion Ratio Lower Upper

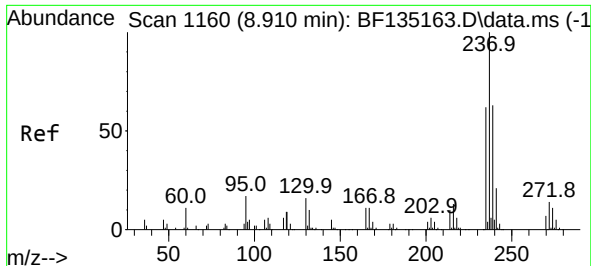
216 100

214 80.3 63.7 95.5

179 21.2 16.7 25.1

108 20.4 14.9 22.3





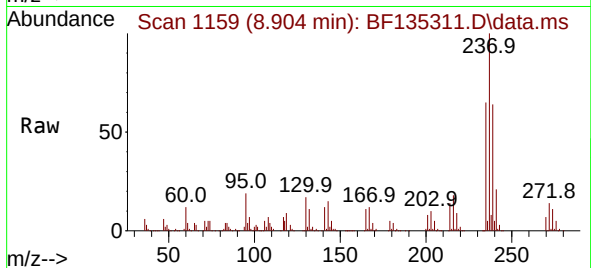
#41
Hexachlorocyclopentadiene
Concen: 71.879 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

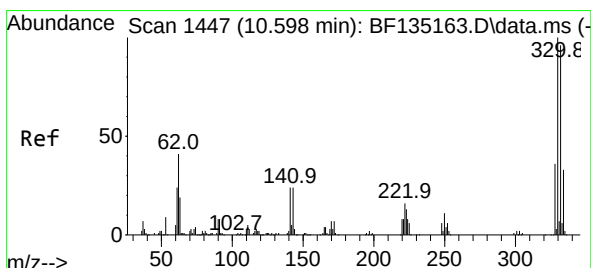
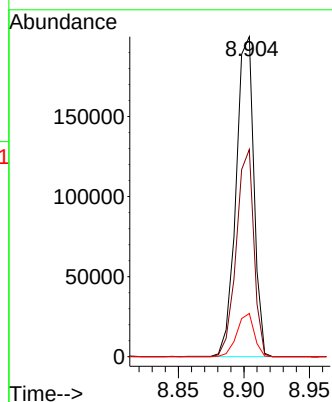
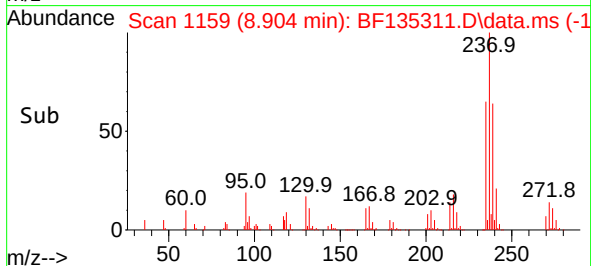


Tgt Ion:237 Resp: 190097
Ion Ratio Lower Upper
237 100
235 64.7 41.8 81.8
272 13.5 0.0 33.6

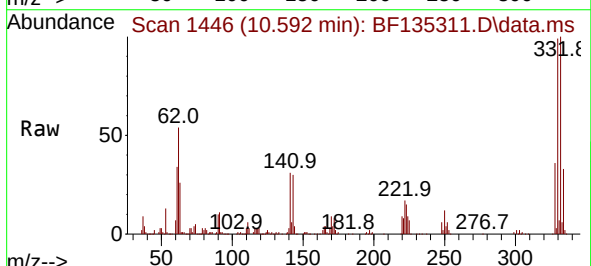
Manual Integrations

APPROVED

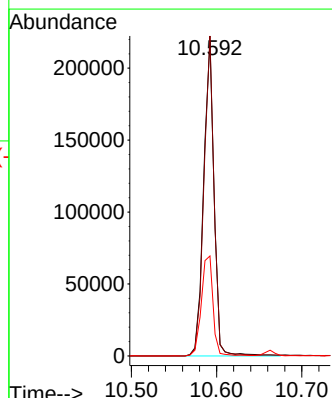
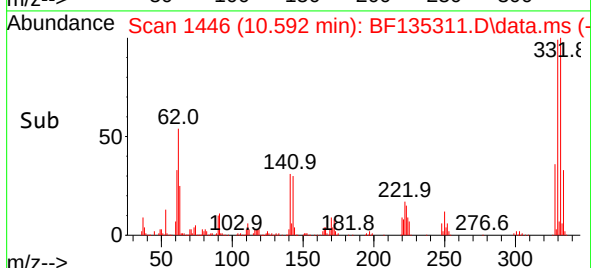
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

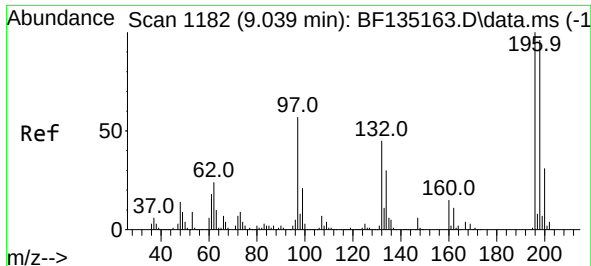


#42
2,4,6-Tribromophenol
Concen: 90.033 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



Tgt Ion:330 Resp: 187516
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 53.236 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135311.D

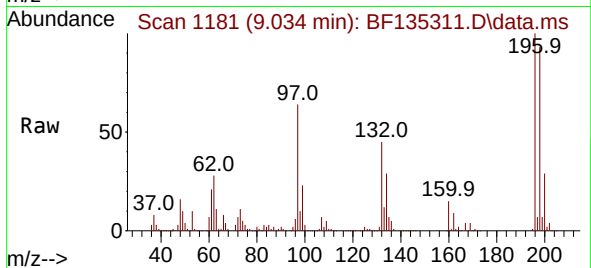
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:196 Resp: 211638

Ion Ratio Lower Upper

196 100

198 92.8 77.0 115.6

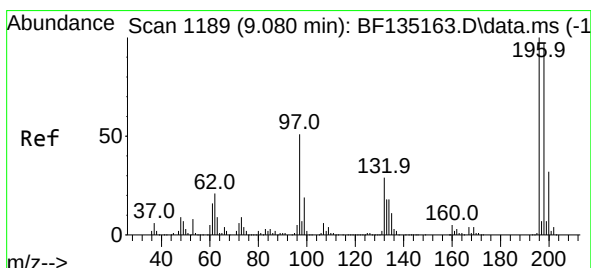
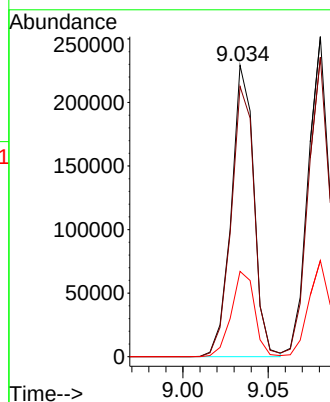
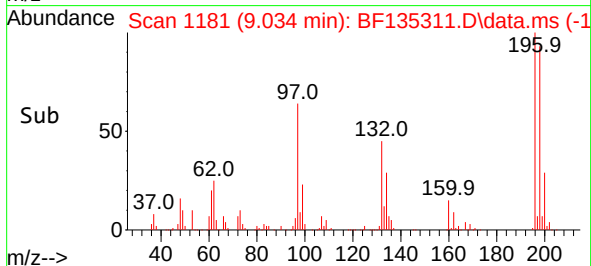
200 29.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#44

2,4,5-Trichlorophenol

Concen: 49.733 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Tgt Ion:196 Resp: 227688

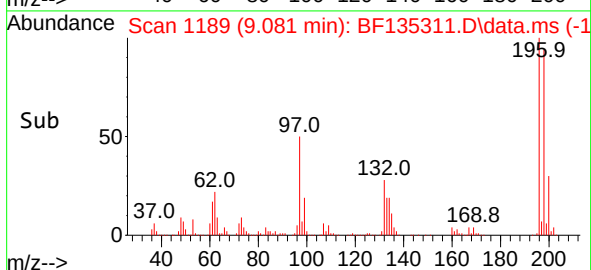
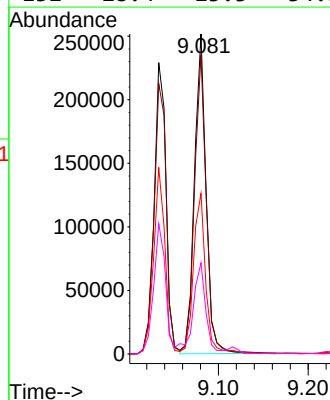
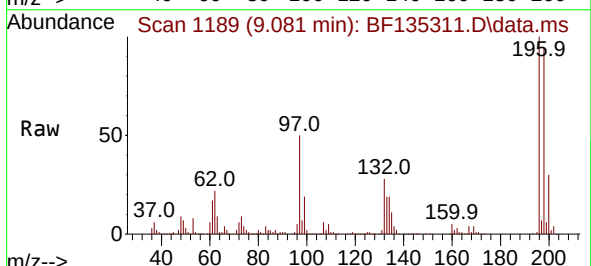
Ion Ratio Lower Upper

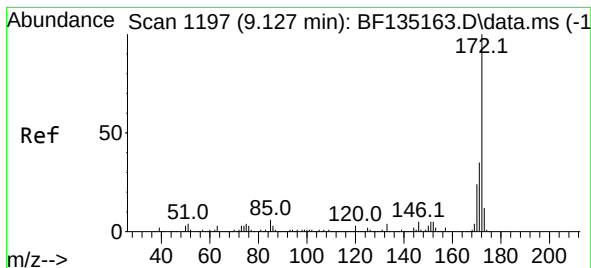
196 100

198 93.6 77.5 116.3

97 50.2 40.5 60.7

132 28.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 68.901 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135311.D

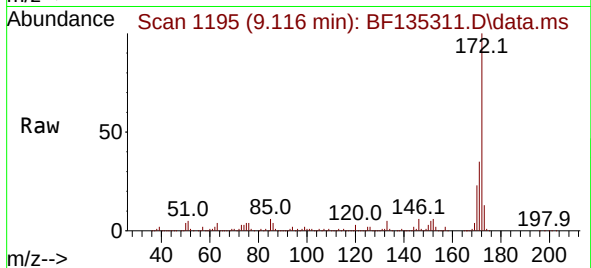
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:172 Resp: 957140

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

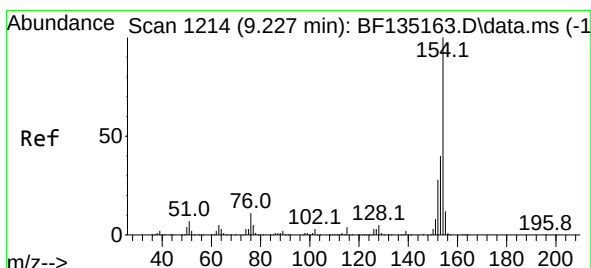
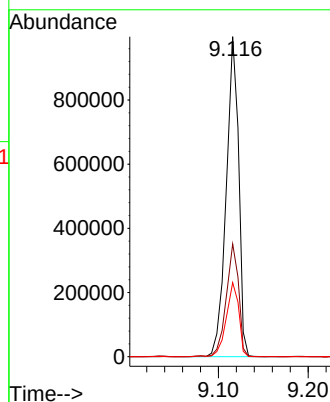
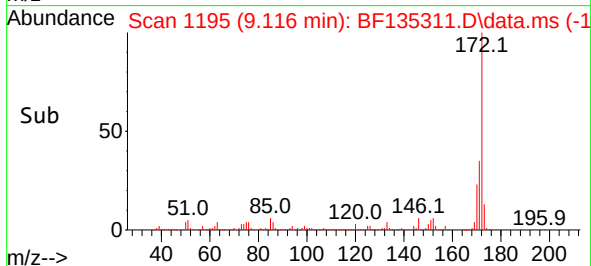
170 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#46

1,1'-Biphenyl

Concen: 51.617 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

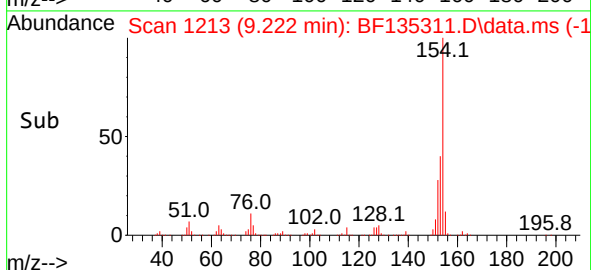
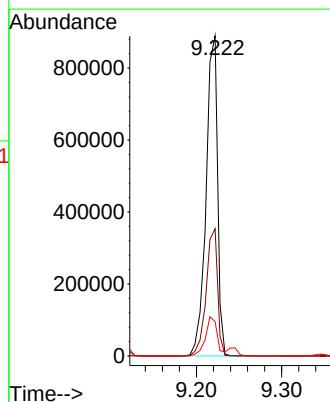
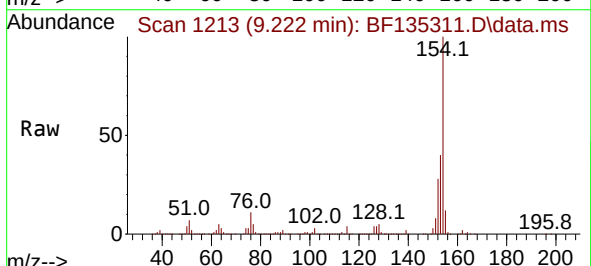
Tgt Ion:154 Resp: 831343

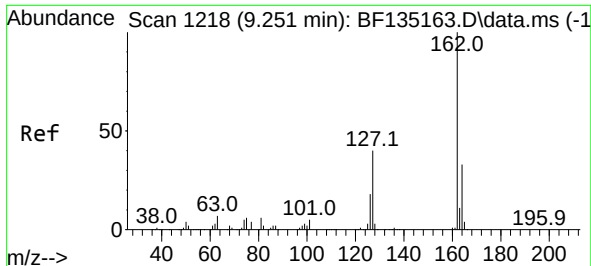
Ion Ratio Lower Upper

154 100

153 39.7 19.6 59.6

76 10.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 53.695 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135311.D

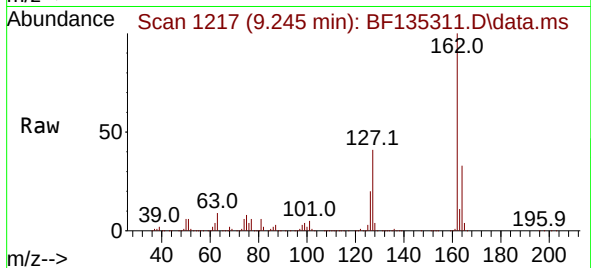
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:162 Resp: 627478

Ion Ratio Lower Upper

162 100

127 40.6 32.6 48.8

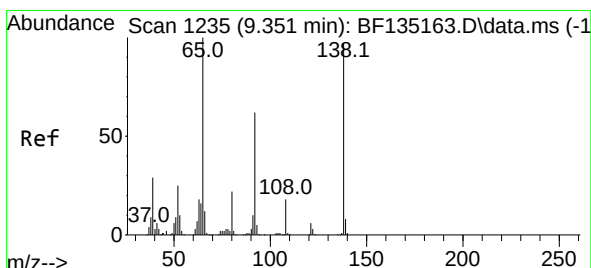
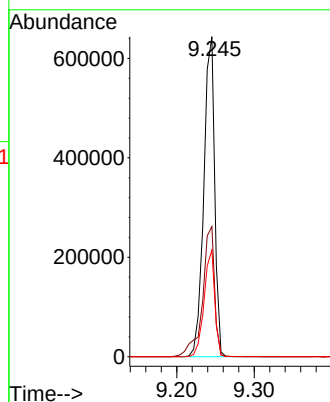
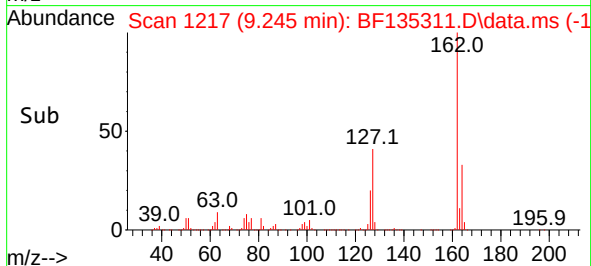
164 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 51.940 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

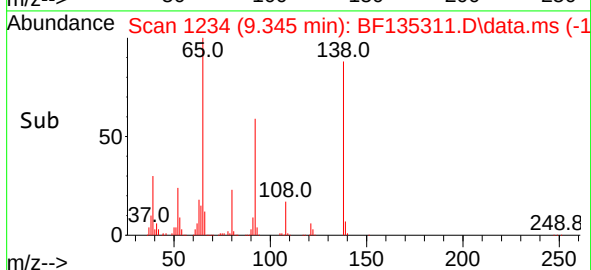
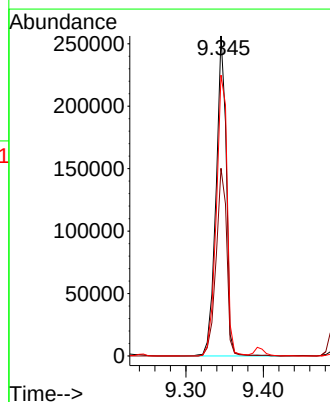
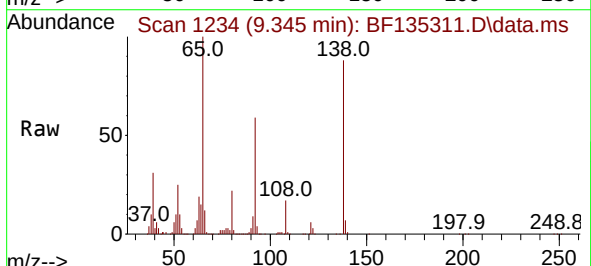
Tgt Ion: 65 Resp: 235803

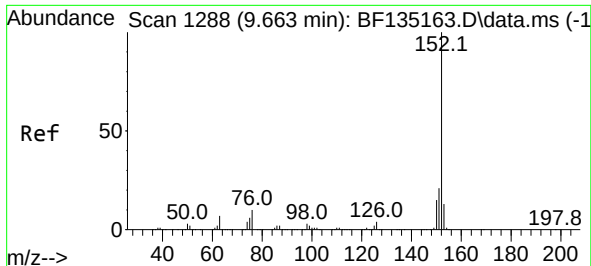
Ion Ratio Lower Upper

65 100

92 58.6 49.4 74.0

138 87.8 77.4 116.0





#49

Acenaphthylene

Concen: 52.506 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF135311.D

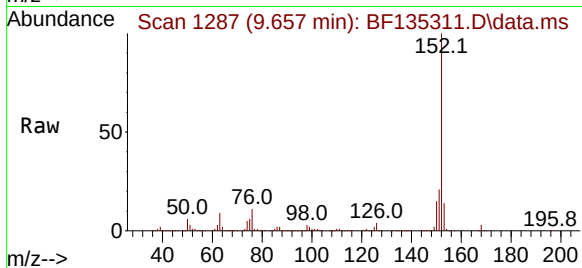
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:152 Resp: 1019734

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

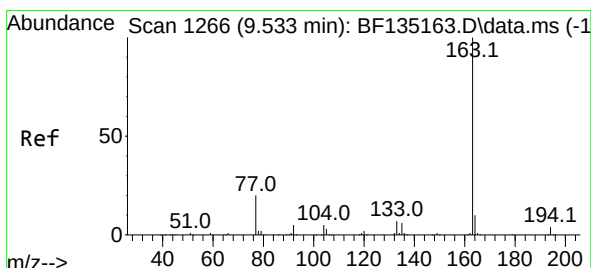
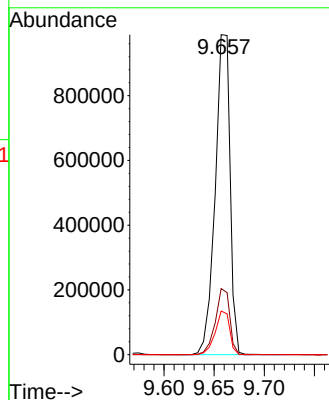
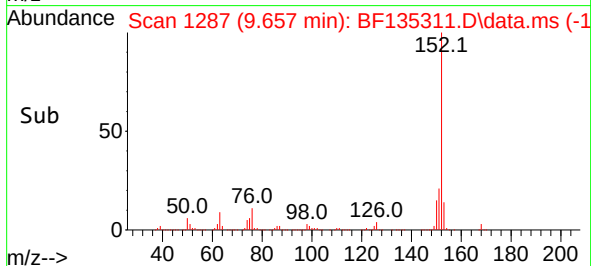
153 13.7 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#50

Dimethylphthalate

Concen: 50.467 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

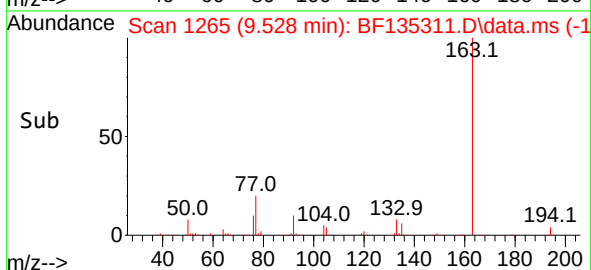
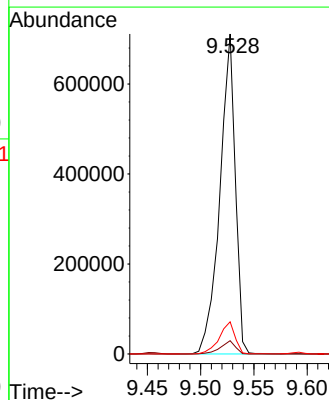
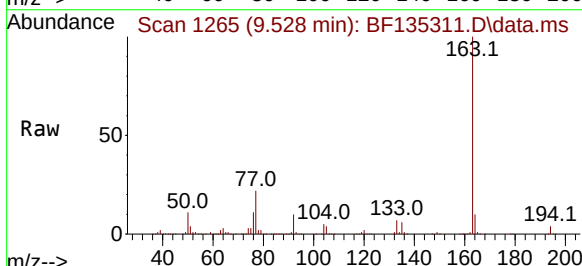
Tgt Ion:163 Resp: 715113

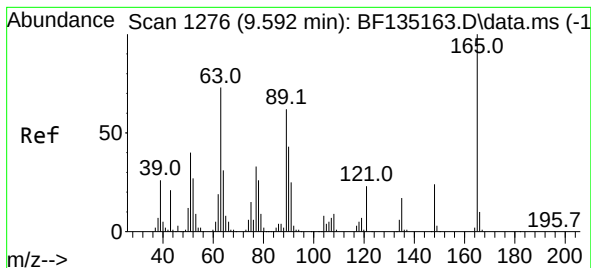
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 51.641 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135311.D

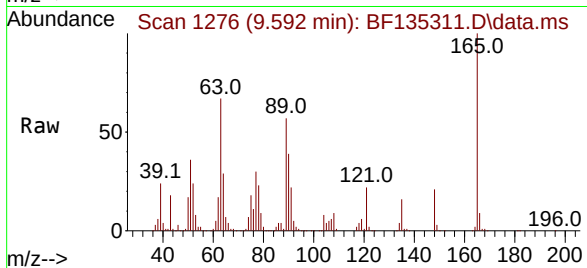
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

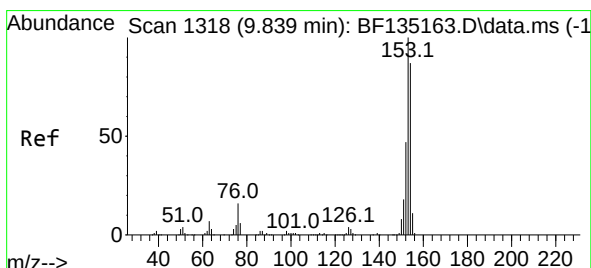
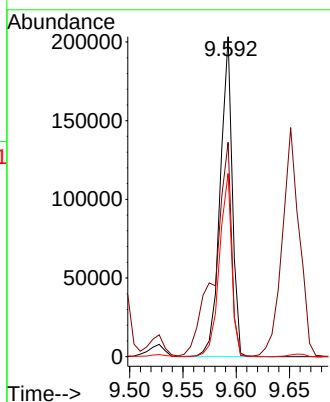
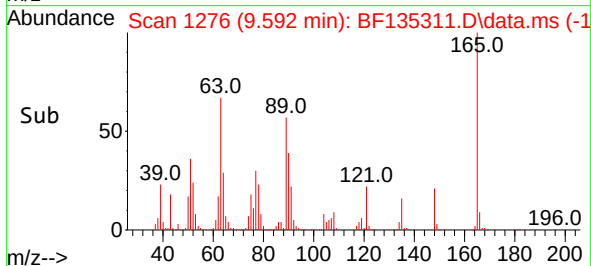


Tgt Ion:	165	Resp:	16030
Ion Ratio	Lower	Upper	
165	100		
63	67.0	59.4	89.2
89	57.2	49.8	74.8

Manual Integrations

APPROVED

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



#52

Acenaphthene

Concen: 50.604 ng

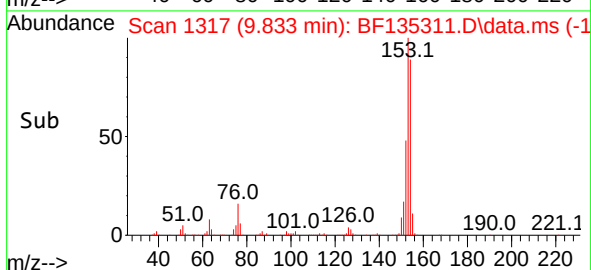
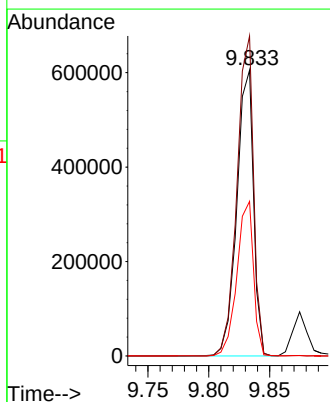
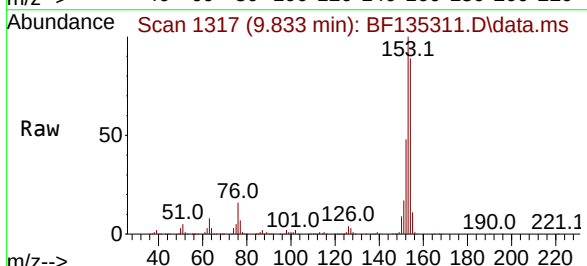
RT: 9.833 min Scan# 1317

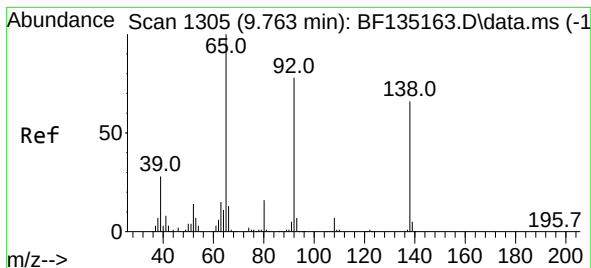
Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Tgt Ion:	154	Resp:	580575
Ion Ratio	Lower	Upper	
154	100		
153	112.0	92.1	138.1
152	54.1	43.1	64.7





#53

3-Nitroaniline

Concen: 37.200 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF135311.D

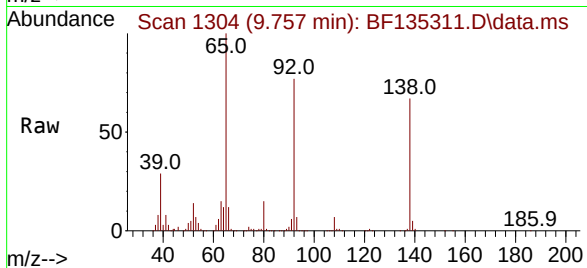
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



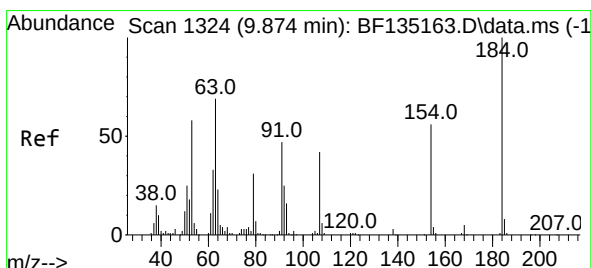
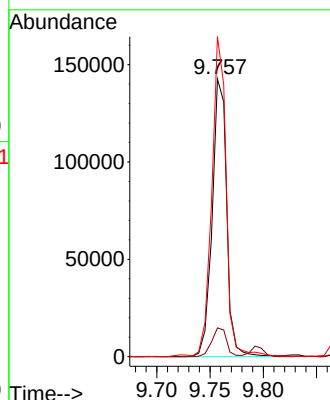
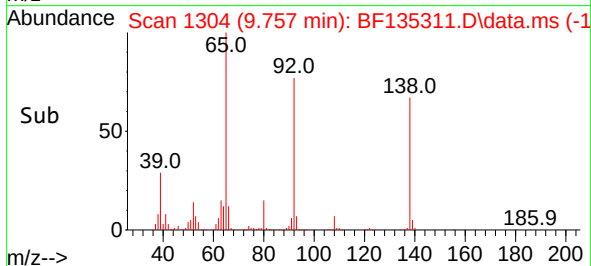
Tgt Ion:	138	Resp:	135549
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	115.3	95.4	143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#54

2,4-Dinitrophenol

Concen: 78.215 ng

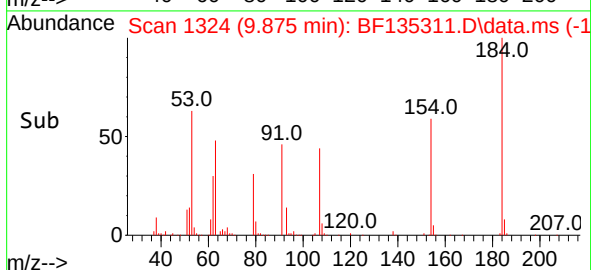
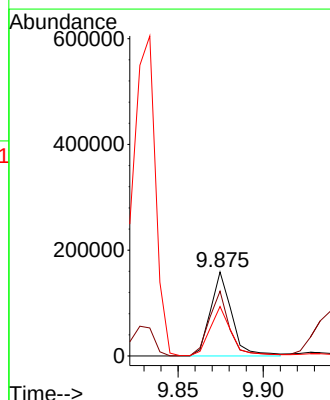
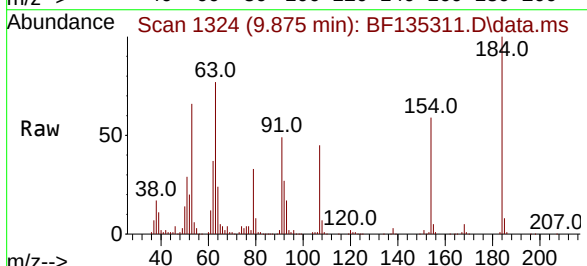
RT: 9.875 min Scan# 1324

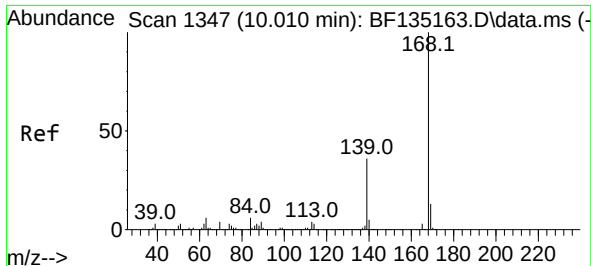
Delta R.T. 0.001 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

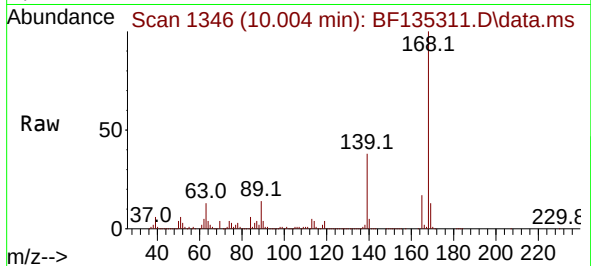
Tgt Ion:	184	Resp:	137566
Ion Ratio	Lower	Upper	
184	100		
63	77.2	55.1	82.7
154	58.8	48.4	72.6





#55
Dibenzenofuran
Concen: 48.126 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

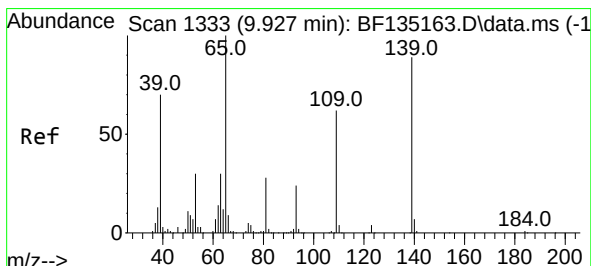
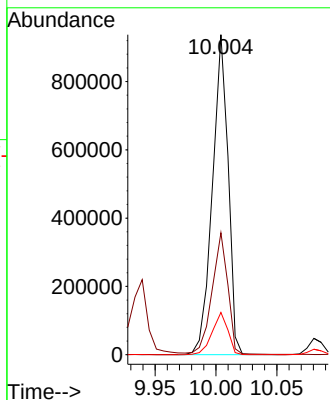
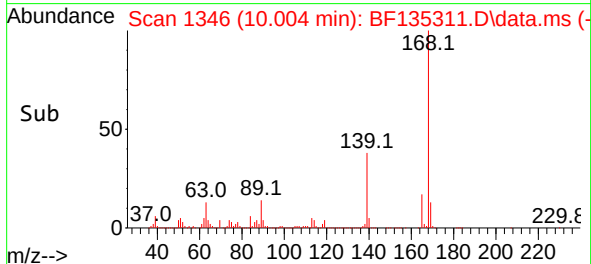
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion:168 Resp: 84256
Ion Ratio Lower Upper
168 100
139 38.1 29.0 43.6
169 13.2 10.4 15.6

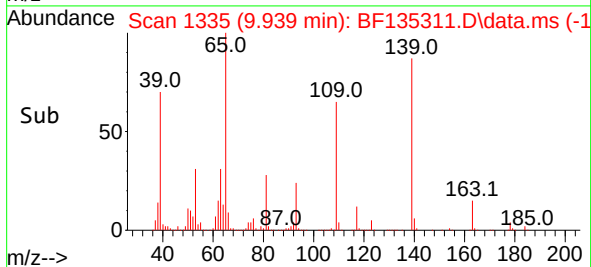
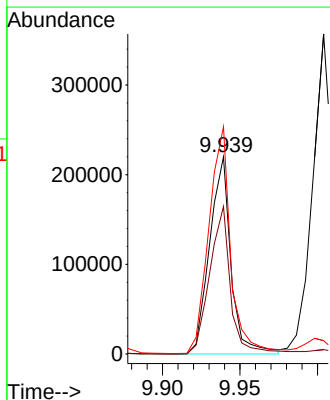
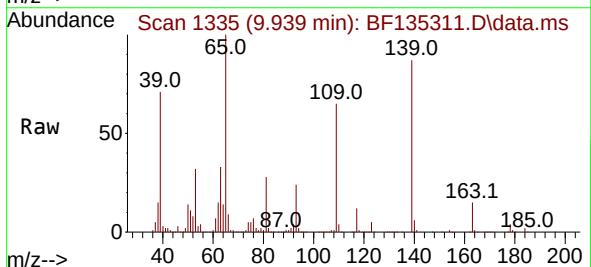
Manual Integrations
APPROVED

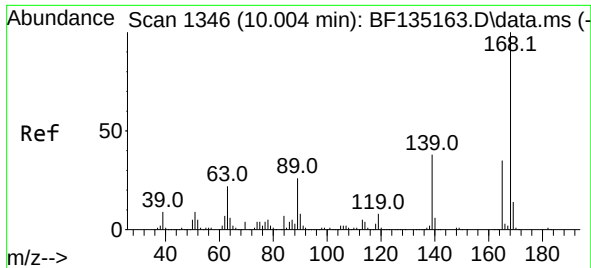
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 91.031 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:139 Resp: 210810
Ion Ratio Lower Upper
139 100
109 74.9 49.8 89.8
65 115.3 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 47.221 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

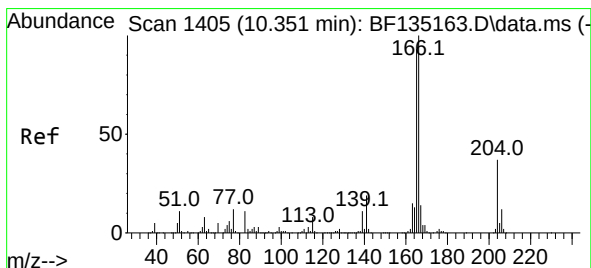
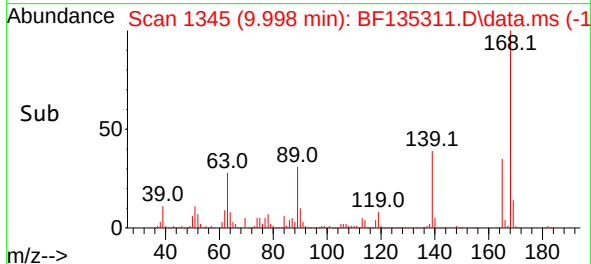
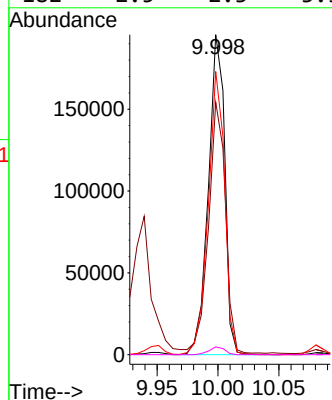
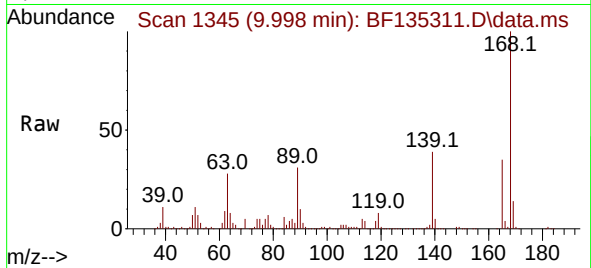
DUCT-BANK-AMSD

Tgt Ion:165 Resp: 18350
Ion Ratio Lower Upper
165 100
63 78.9 50.1 75.1
89 88.5 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

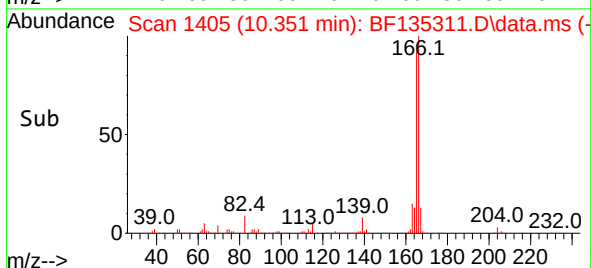
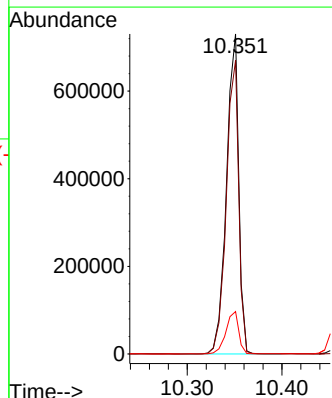
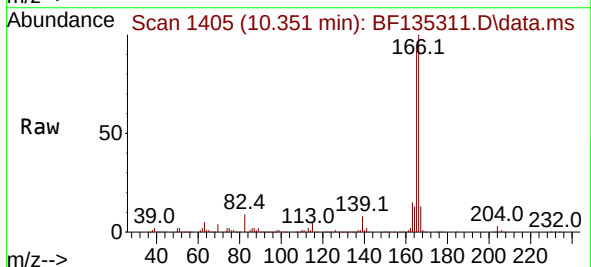
APPROVED

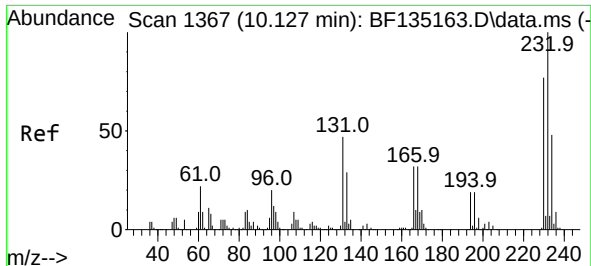
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 48.921 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

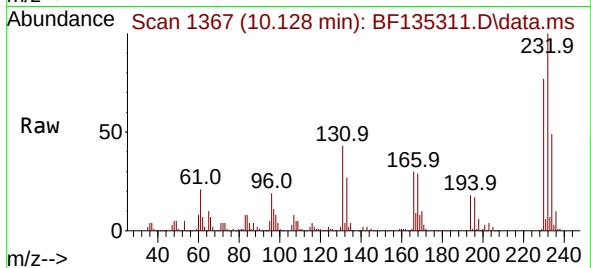
Tgt Ion:166 Resp: 658431
Ion Ratio Lower Upper
166 100
165 91.7 74.3 111.5
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.515 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

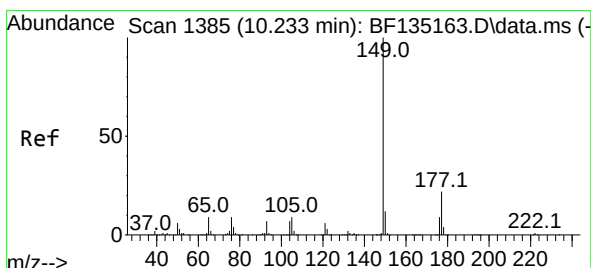
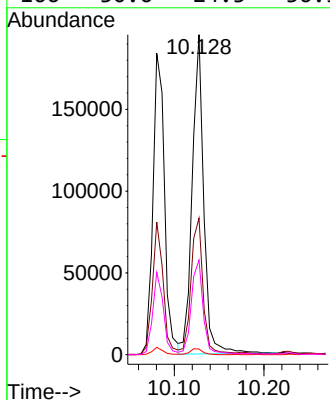
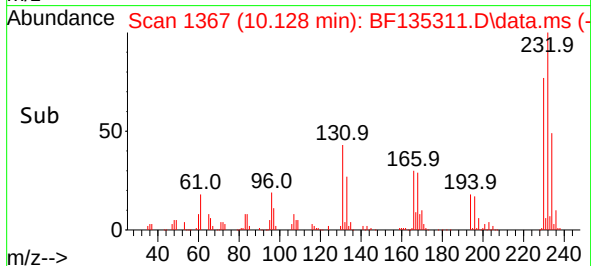
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion:232 Resp: 174380
Ion Ratio Lower Upper
232 100
131 43.1 35.4 53.2
130 2.0 1.8 2.8
166 30.6 24.3 36.5

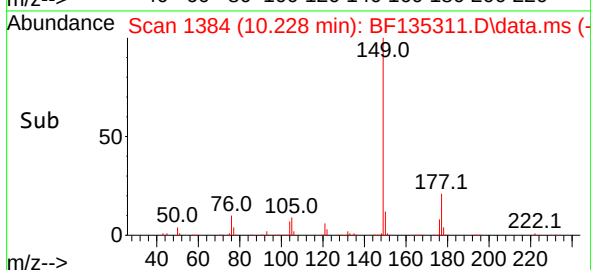
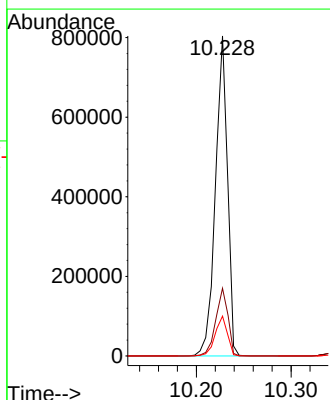
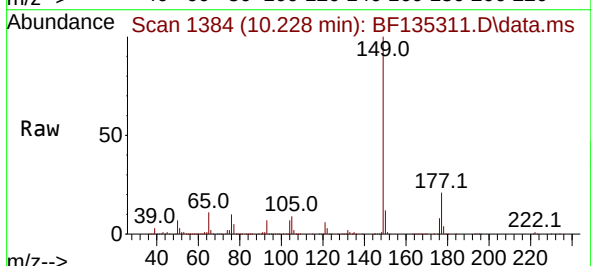
Manual Integrations
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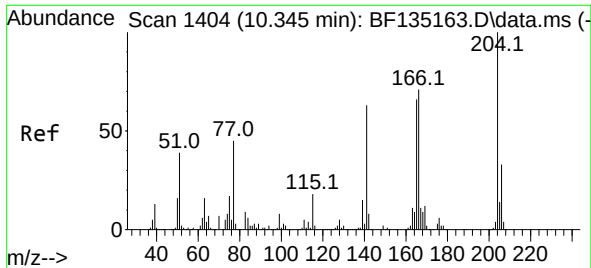
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 49.886 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:149 Resp: 709416
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.4 10.0 15.0





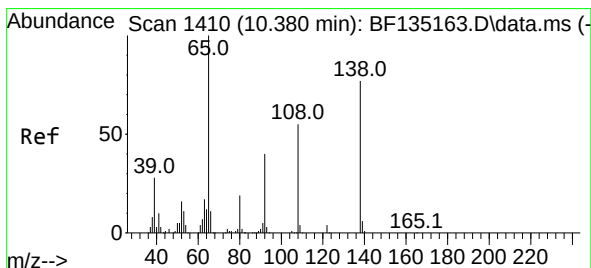
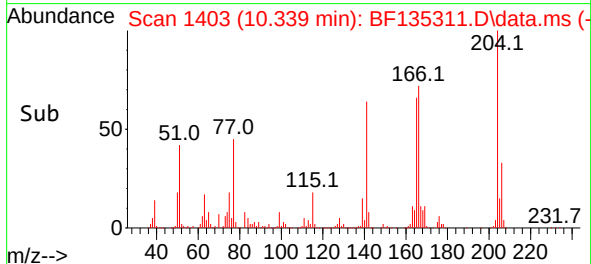
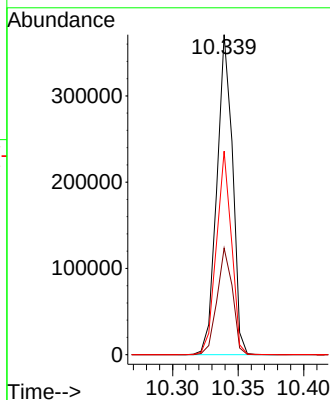
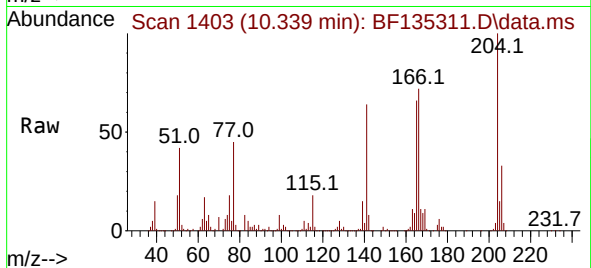
#61
4-Chlorophenyl-phenylether
Concen: 47.580 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion:204 Resp: 30762
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 63.6 50.6 75.8

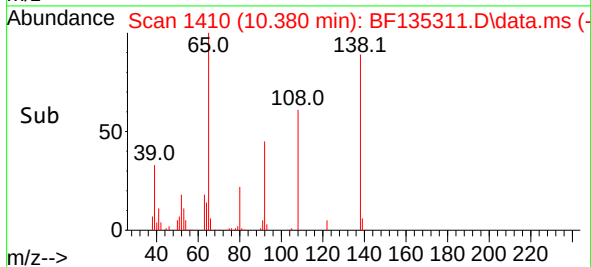
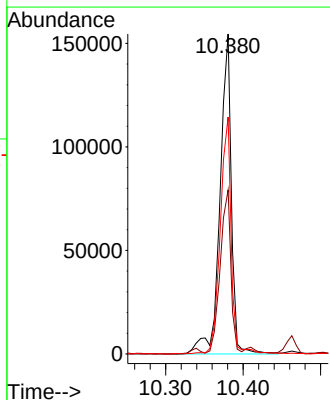
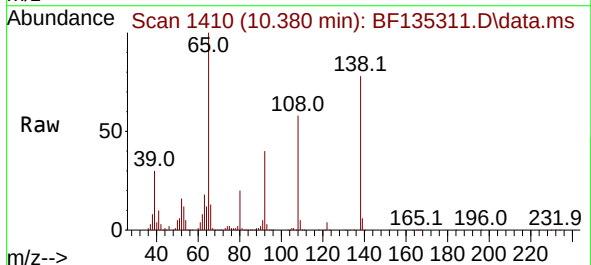
Manual Integrations
APPROVED

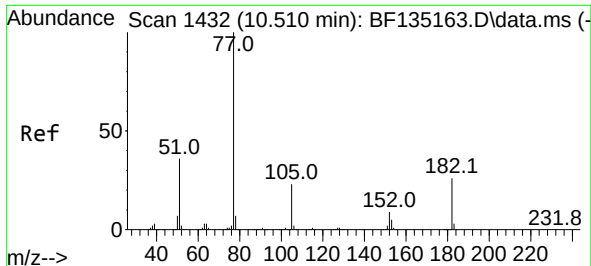
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 45.099 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

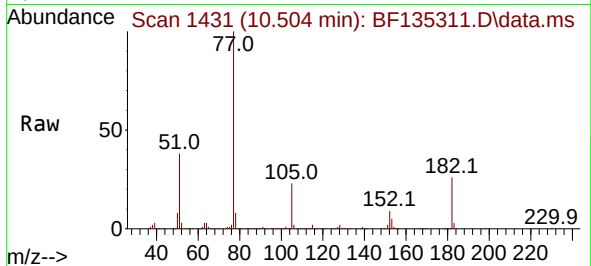
Tgt Ion:138 Resp: 157963
Ion Ratio Lower Upper
138 100
92 51.3 31.8 71.8
108 74.1 52.0 92.0





#63
Azobenzene
Concen: 49.847 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

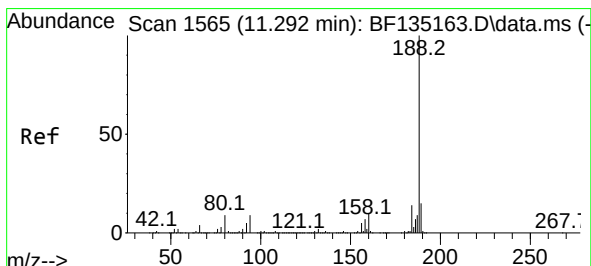
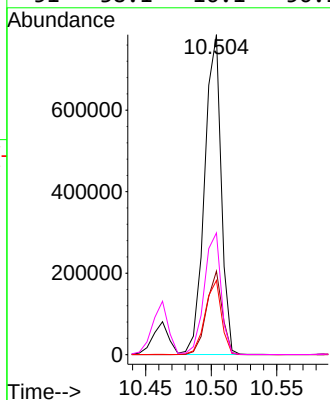
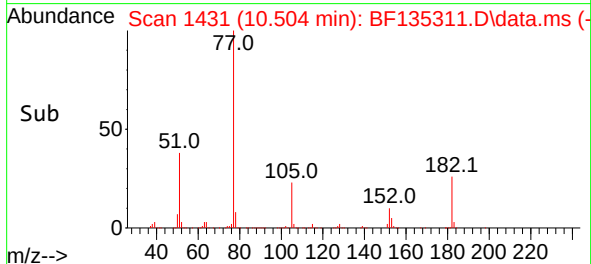
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



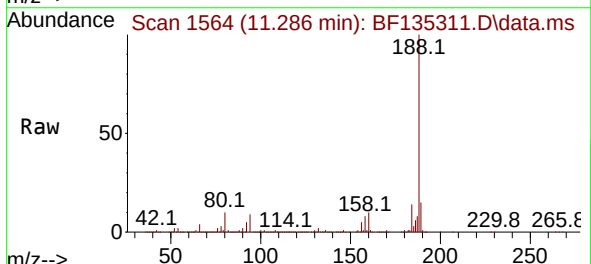
Tgt Ion: 77 Resp: 69376
Ion Ratio Lower Upper
77 100
182 26.1 6.4 46.4
105 23.2 3.1 43.1
51 38.1 16.1 56.1

Manual Integrations
APPROVED

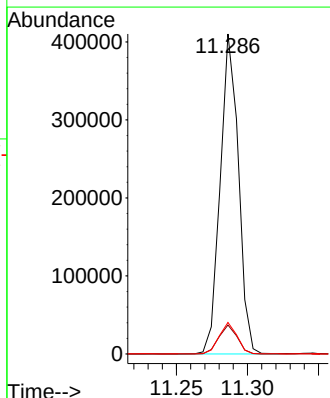
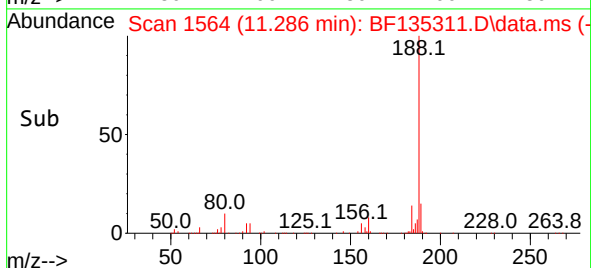
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

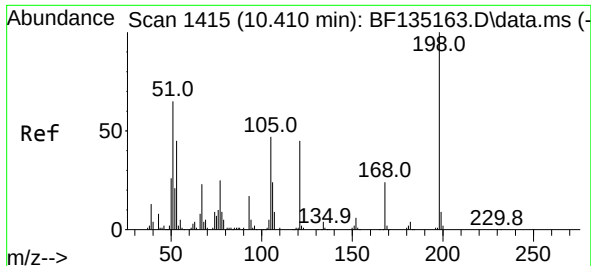


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



Tgt Ion:188 Resp: 365288
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.9 7.5 11.3





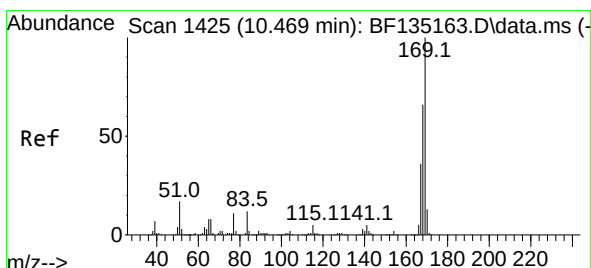
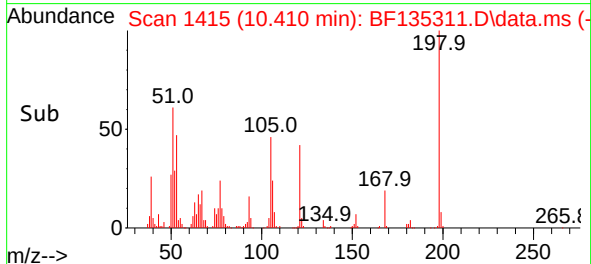
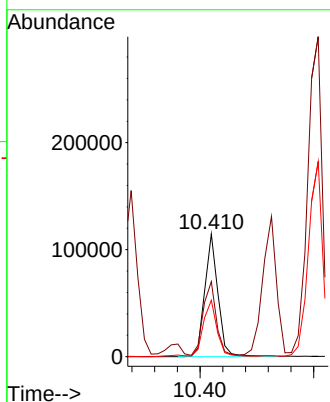
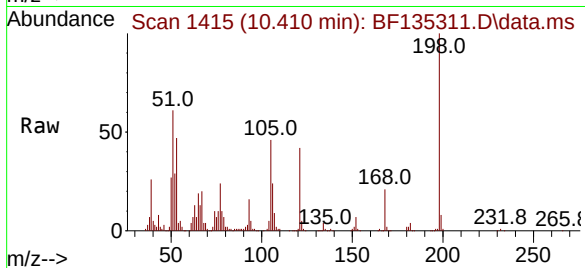
#65
4,6-Dinitro-2-methylphenol
Concen: 47.667 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion:198 Resp: 9248
Ion Ratio Lower Upper
198 100
51 61.1 47.7 87.7
105 45.9 27.4 67.4

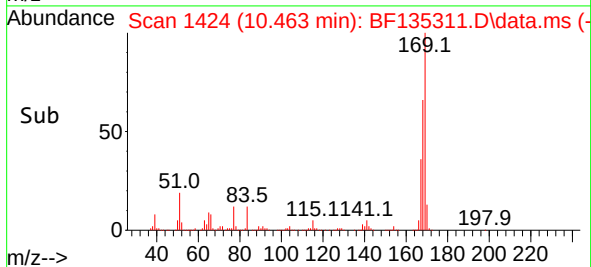
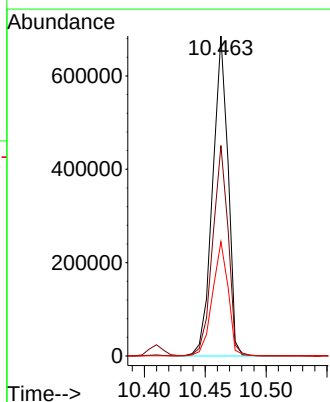
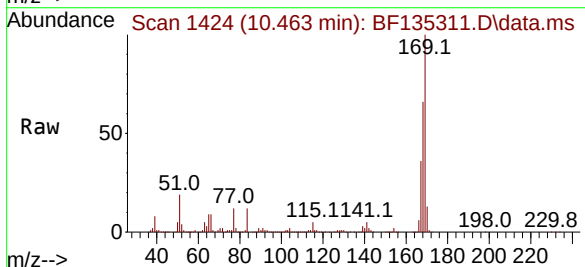
Manual Integrations
APPROVED

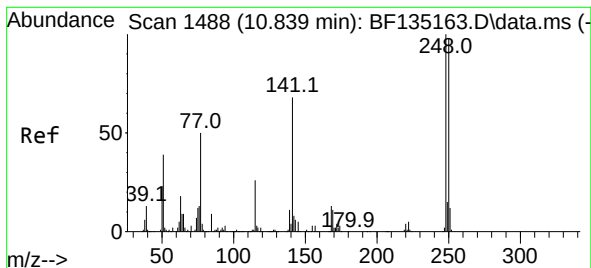
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 54.312 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

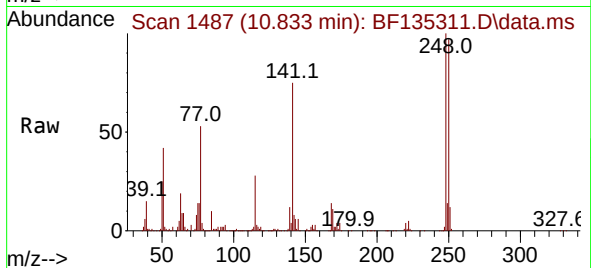
Tgt Ion:169 Resp: 600635
Ion Ratio Lower Upper
169 100
168 65.8 52.8 79.2
167 35.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 52.668 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

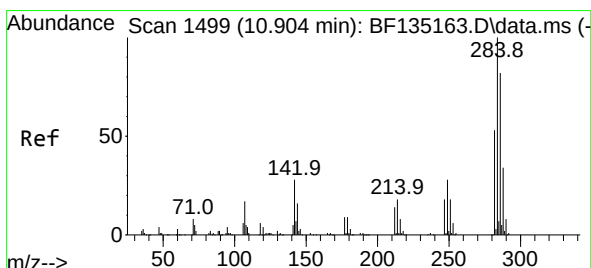
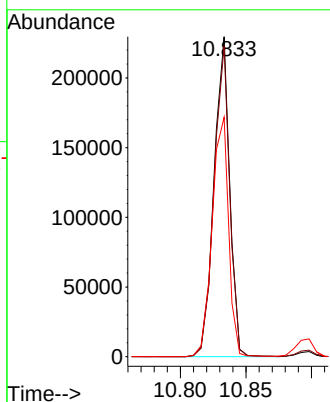
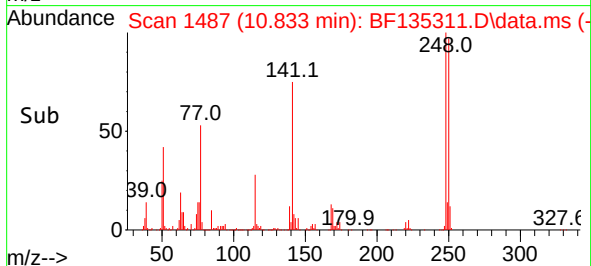
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion:248 Resp: 191340
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 74.8 54.2 81.2

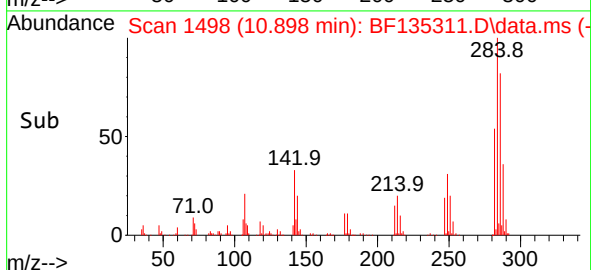
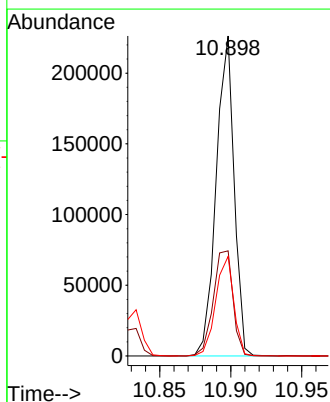
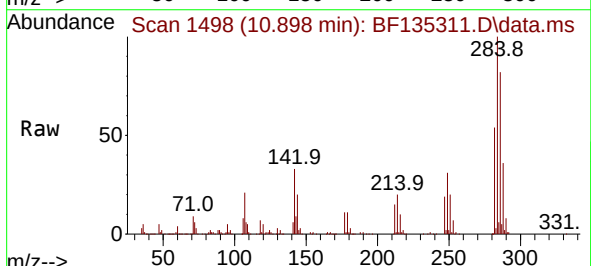
Manual Integrations
APPROVED

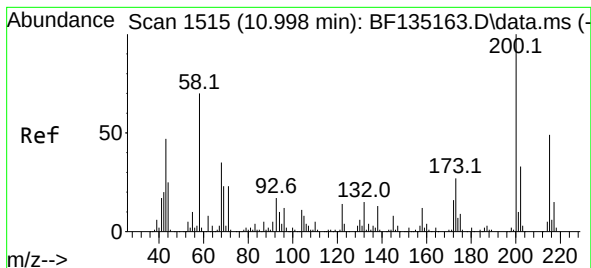
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#68
Hexachlorobenzene
Concen: 53.534 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:284 Resp: 198143
Ion Ratio Lower Upper
284 100
142 32.9 22.2 33.4
249 31.1 22.5 33.7





#69

Atrazine

Concen: 60.139 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135311.D

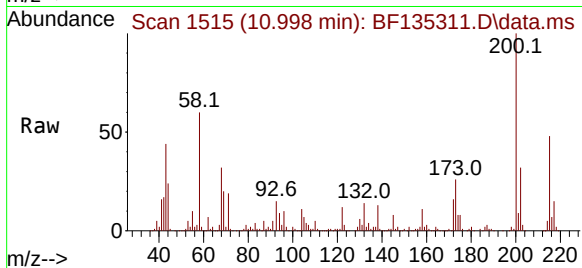
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:200 Resp: 17895

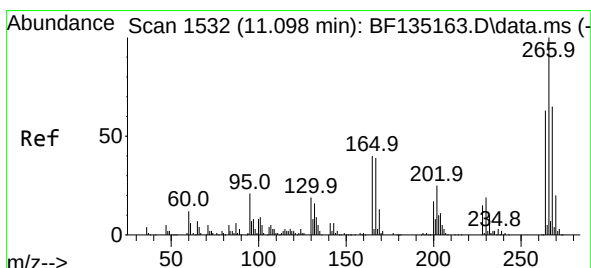
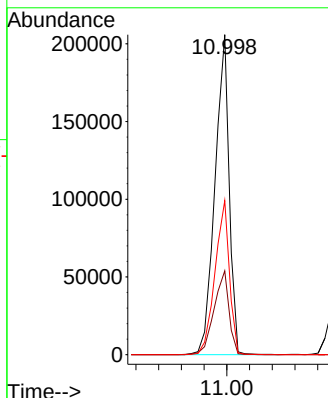
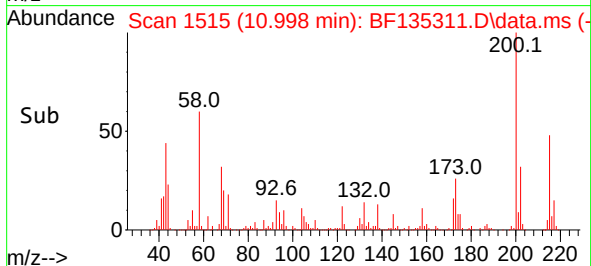
Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.4	47.4
215	48.2	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 82.968 ng

RT: 11.098 min Scan# 1532

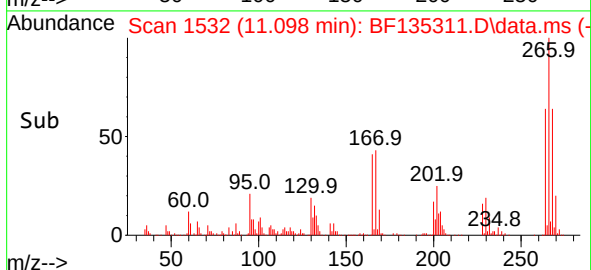
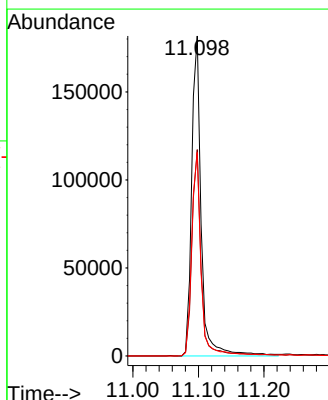
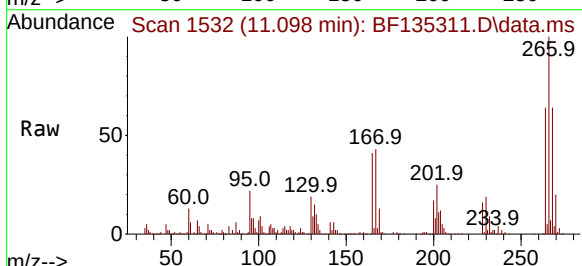
Delta R.T. 0.000 min

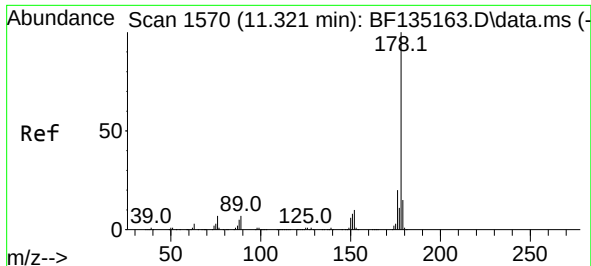
Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Tgt Ion:266 Resp: 183729

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.1	78.1
264	63.6	50.8	76.2





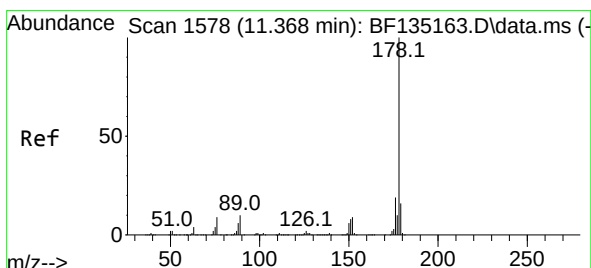
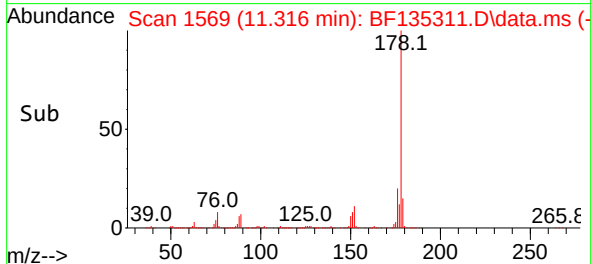
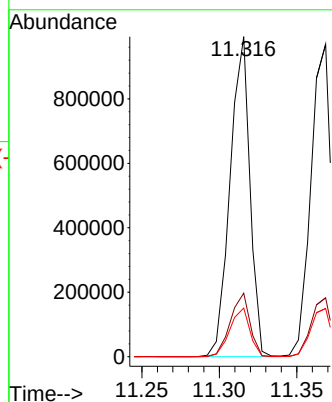
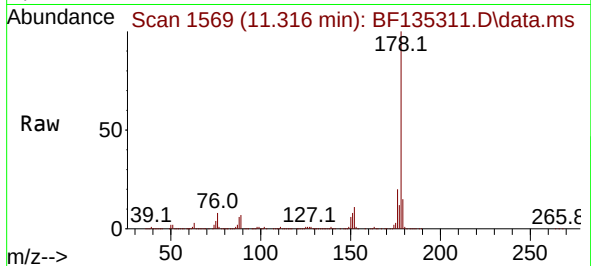
#71
Phenanthrene
Concen: 51.122 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion:178 Resp: 88321
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.2 12.0 18.0

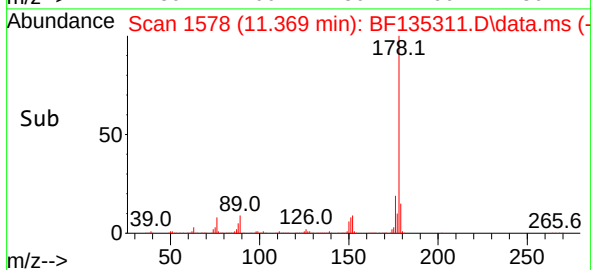
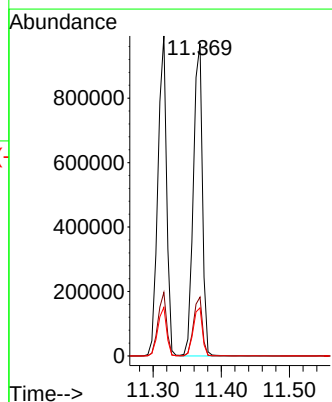
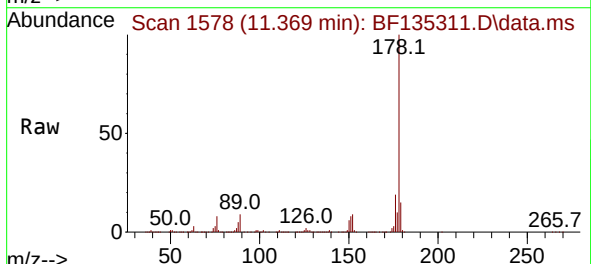
Manual Integrations
APPROVED

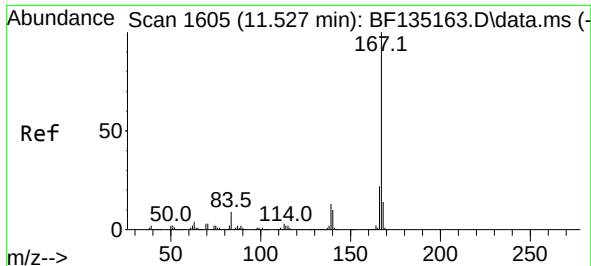
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 49.977 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

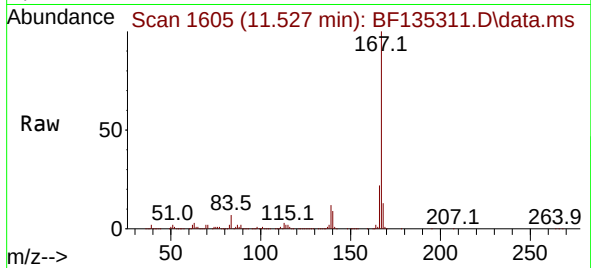
Tgt Ion:178 Resp: 887514
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 51.310 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

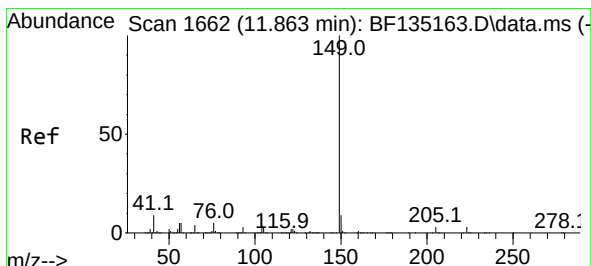
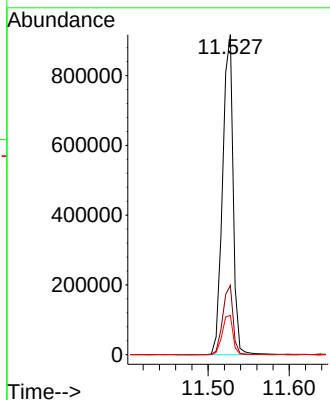
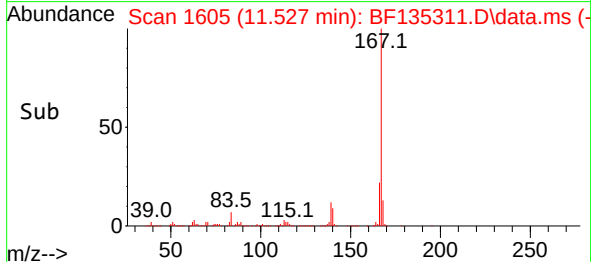
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMSD



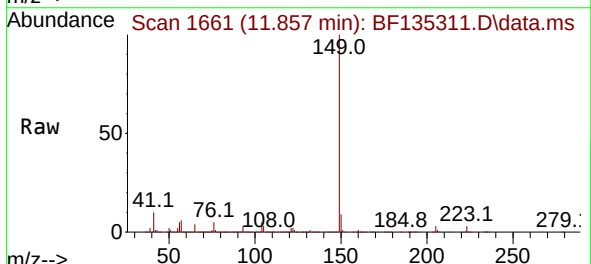
Tgt Ion:167 Resp: 829479
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.3 10.6 15.8

Manual Integrations
 APPROVED

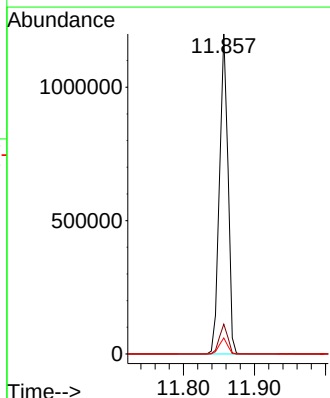
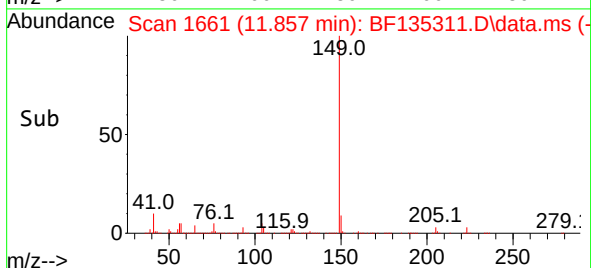
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

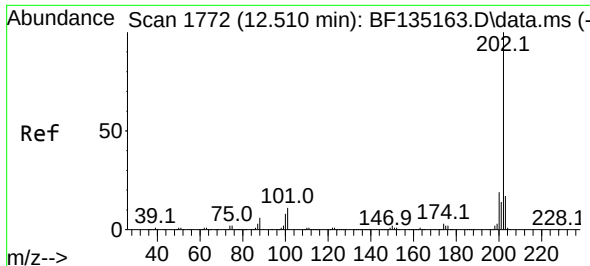


#74
 Di-n-butylphthalate
 Concen: 51.761 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37



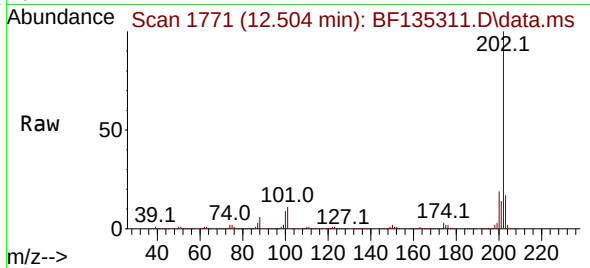
Tgt Ion:149 Resp: 985997
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 43.213 ng
RT: 12.504 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

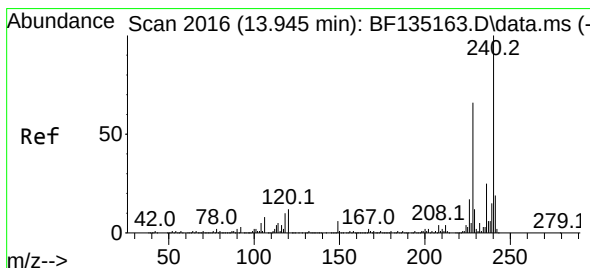
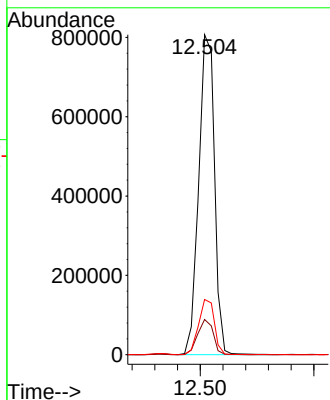
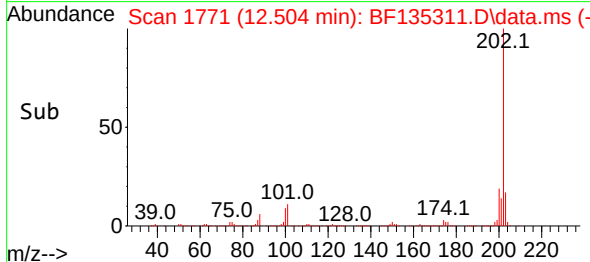
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



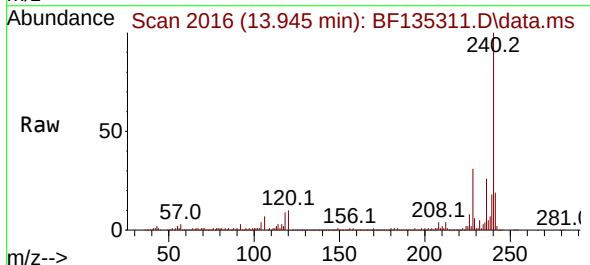
Tgt Ion:202 Resp: 777919
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.3 0.0 37.4

Manual Integrations
APPROVED

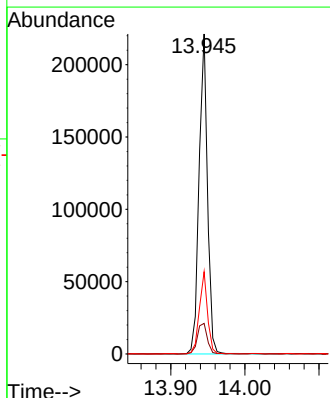
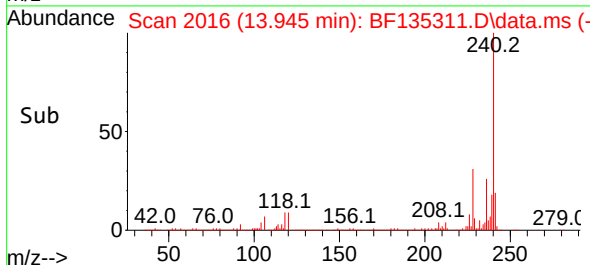
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

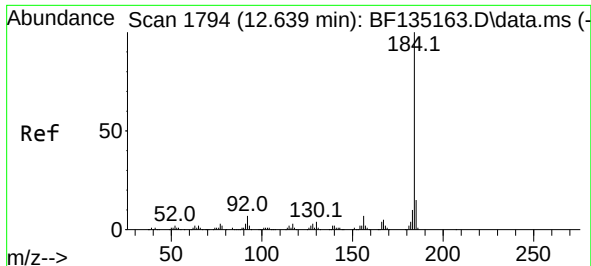


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



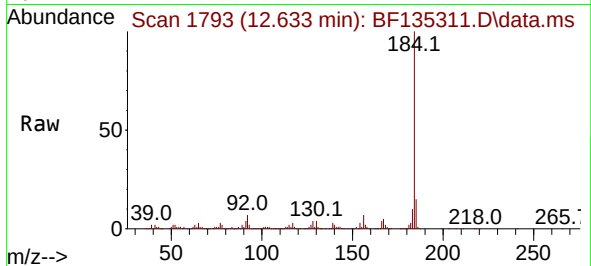
Tgt Ion:240 Resp: 173677
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.2
236 25.7 19.8 29.8





#77
Benzidine
Concen: 84.288 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

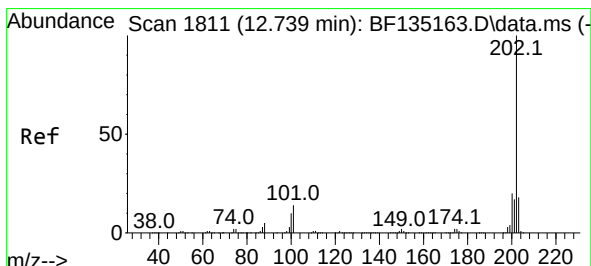
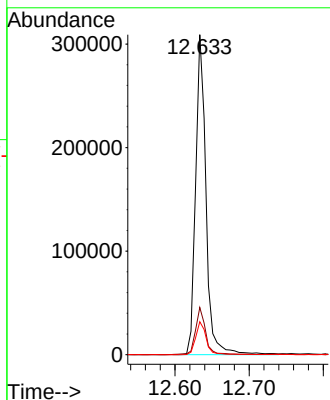
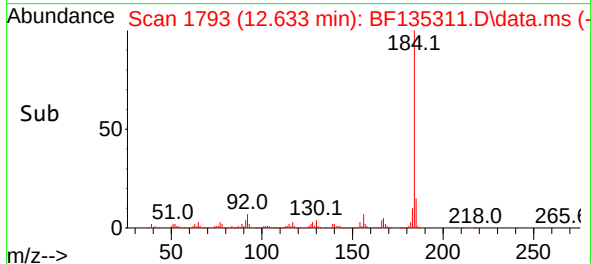
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion:184 Resp: 299900
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.3 8.2 12.4

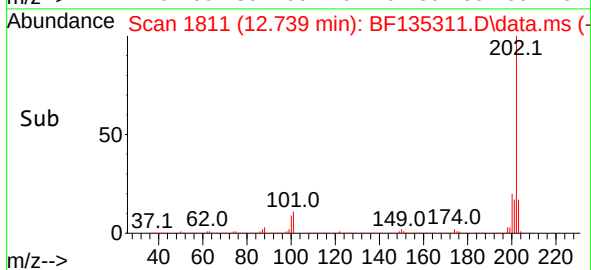
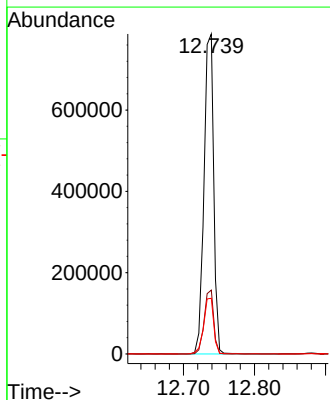
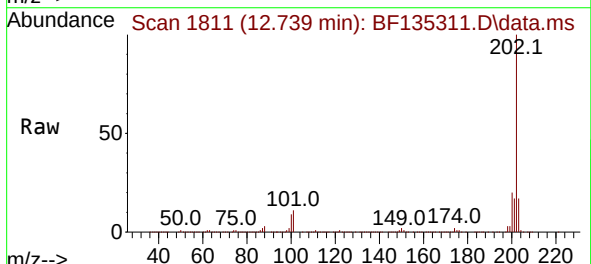
Manual Integrations
APPROVED

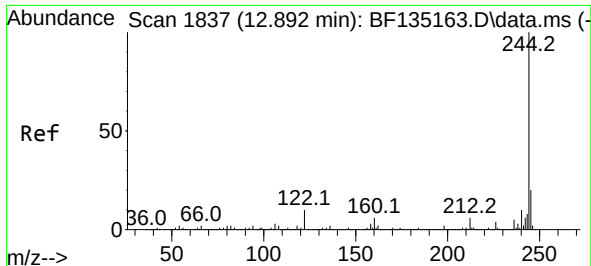
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#78
Pyrene
Concen: 45.266 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:202 Resp: 748494
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.4 14.2 21.4





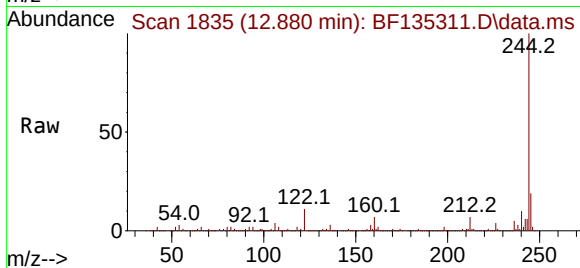
#79
 Terphenyl-d14
 Concen: 57.178 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

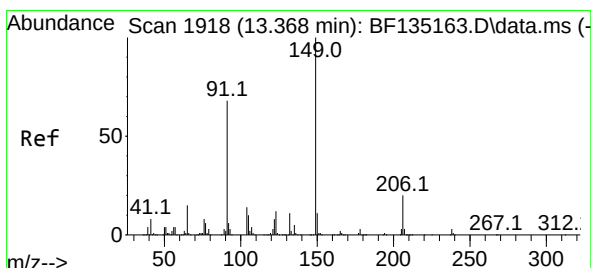
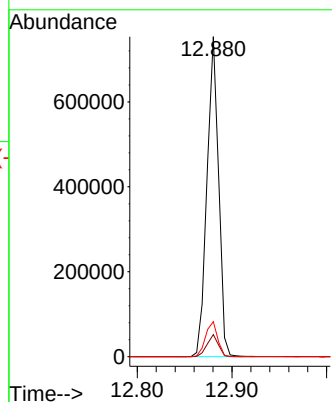
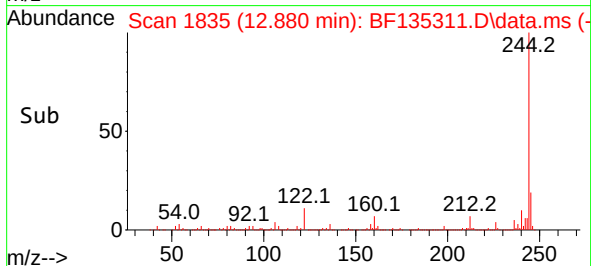


Tgt Ion:244 Resp: 640600
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.0 7.9 11.9

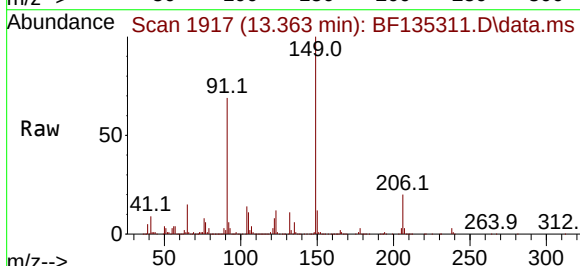
Manual Integrations

APPROVED

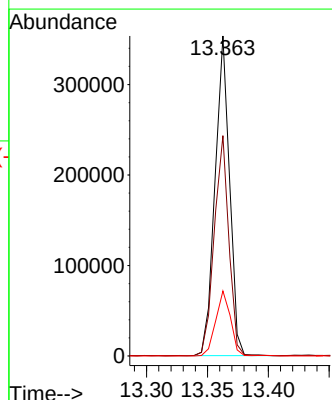
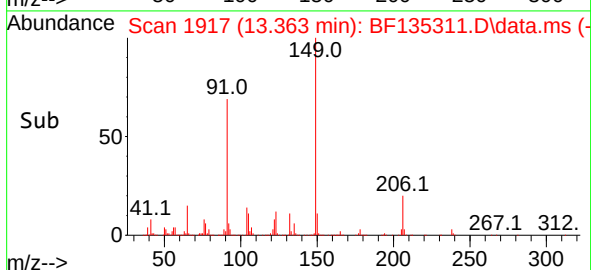
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

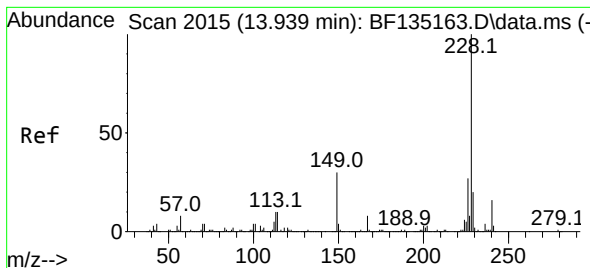


#80
 Butylbenzylphthalate
 Concen: 50.446 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37



Tgt Ion:149 Resp: 293690
 Ion Ratio Lower Upper
 149 100
 91 68.9 54.7 82.1
 206 20.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.316 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135311.D

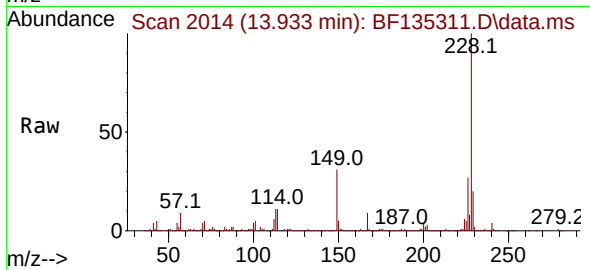
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:228 Resp: 564284

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

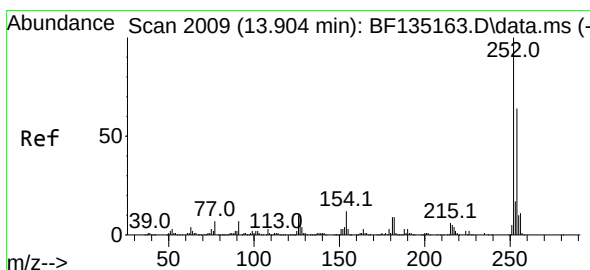
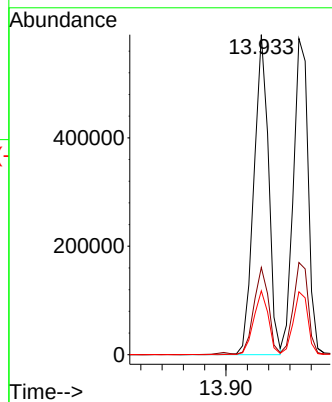
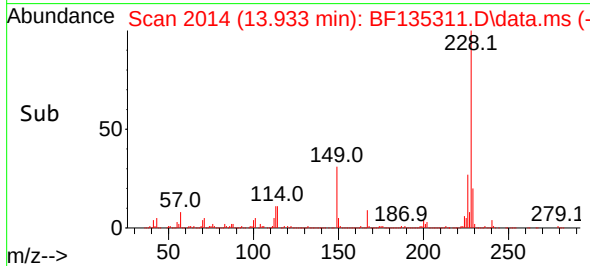
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 52.450 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

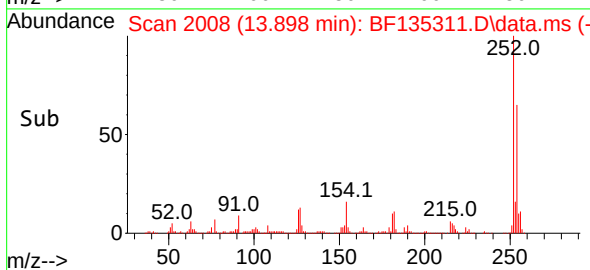
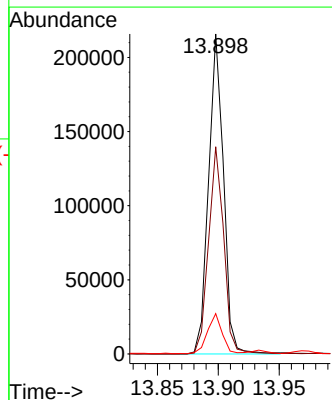
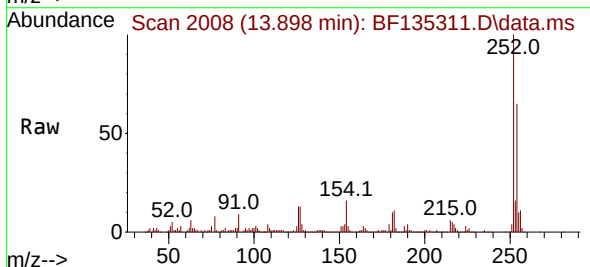
Tgt Ion:252 Resp: 183731

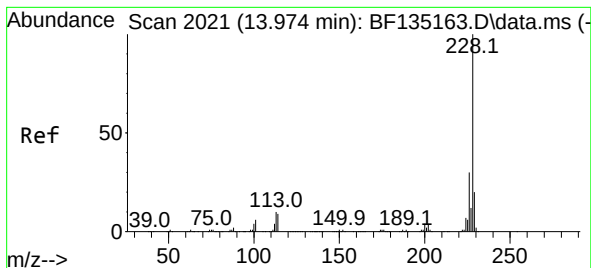
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

126 12.6 7.8 11.8#





#83

Chrysene

Concen: 50.557 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

Tgt Ion:228 Resp: 563718

Ion Ratio Lower Upper

228 100

226 29.2 24.3 36.5

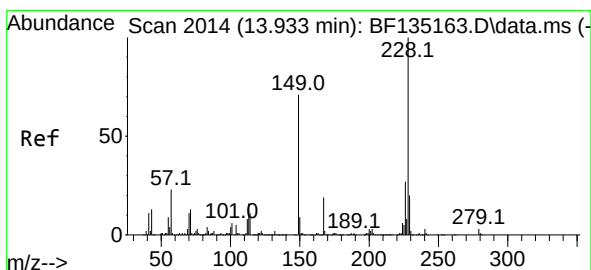
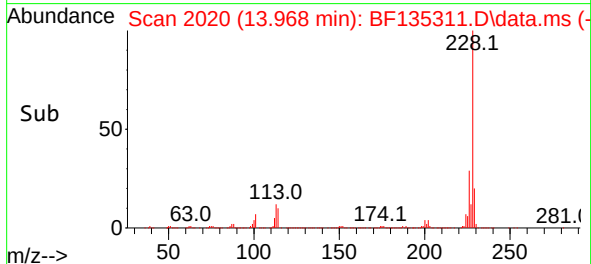
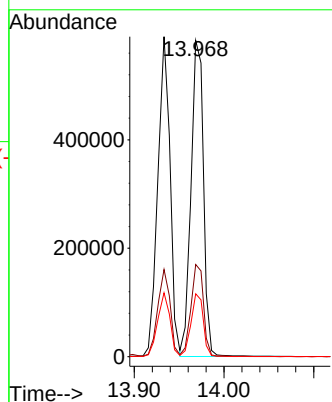
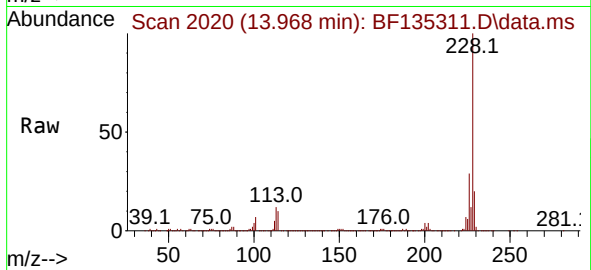
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.347 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

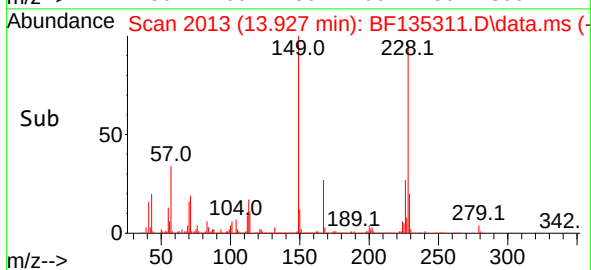
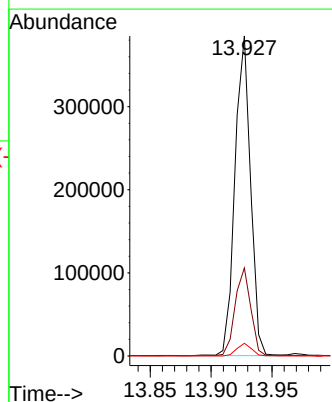
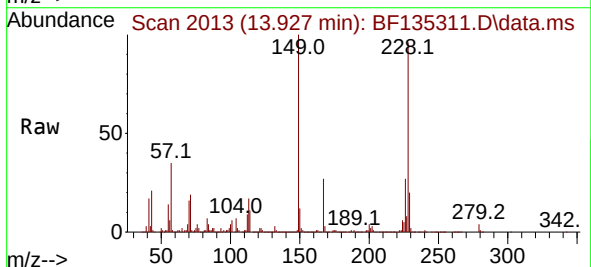
Tgt Ion:149 Resp: 342602

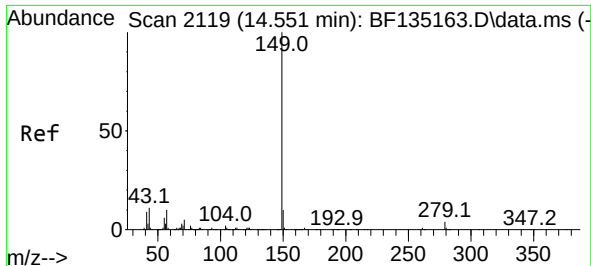
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

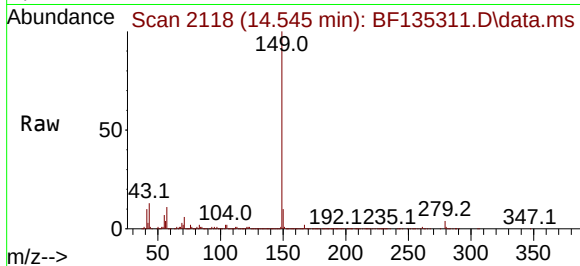
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 67.172 ng
RT: 14.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

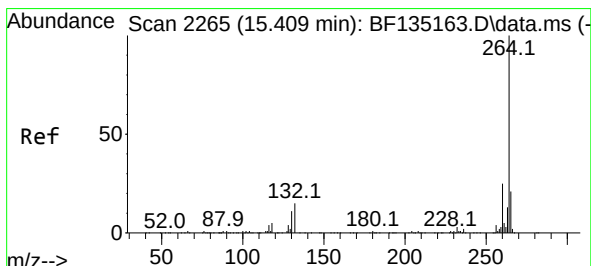
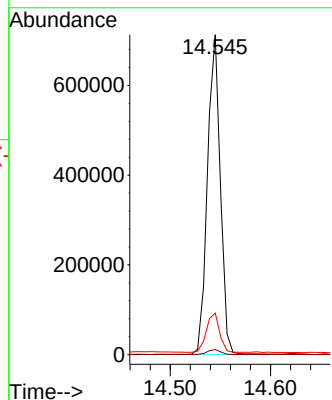
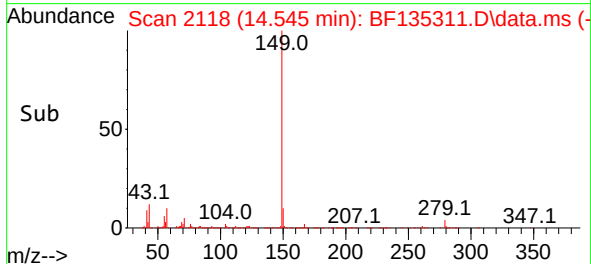
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



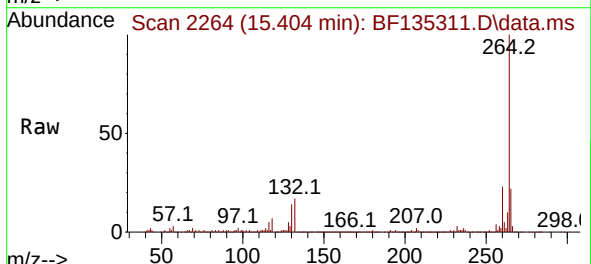
Tgt Ion:149 Resp: 63774
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.6 9.8 14.6

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APPROVED

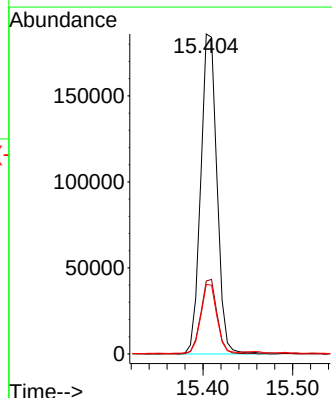
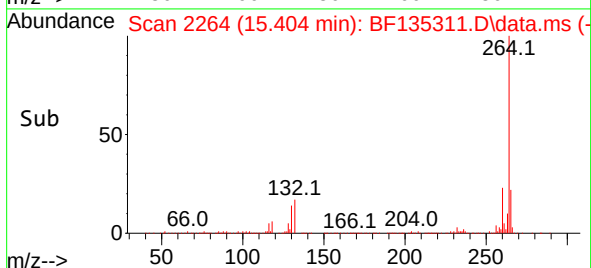
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

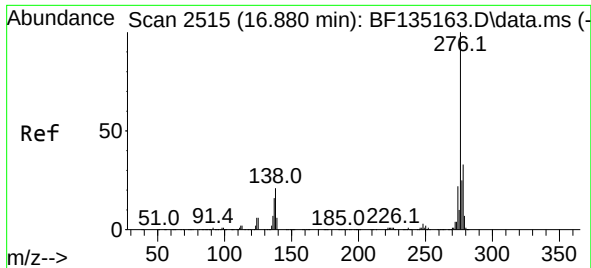


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



Tgt Ion:264 Resp: 234122
Ion Ratio Lower Upper
264 100
260 22.8 19.8 29.6
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.648 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

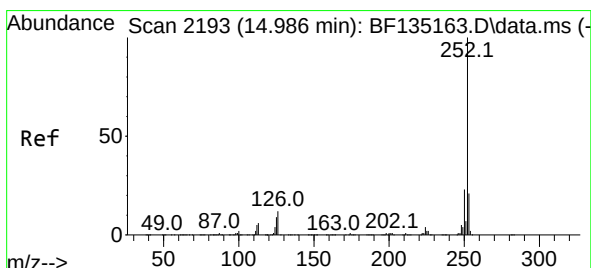
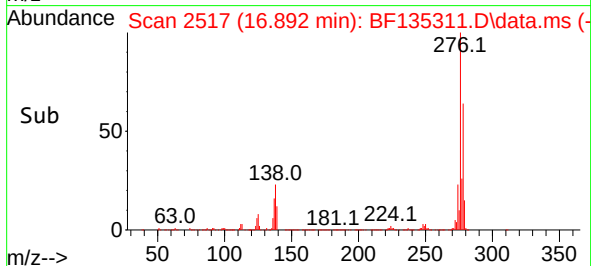
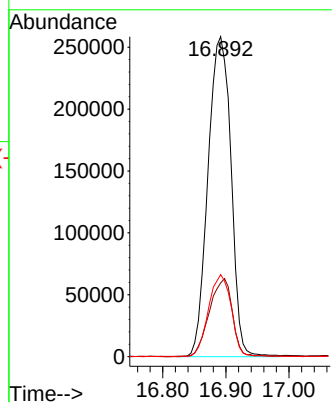
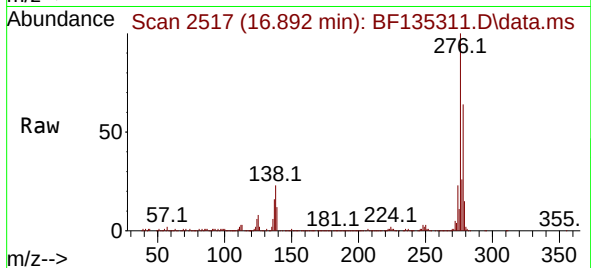
ClientSampleId :

DUCT-BANK-AMSD

Tgt Ion:276 Resp: 65466
Ion Ratio Lower Upper
276 100
138 24.1 19.2 28.8
277 25.5 19.7 29.5

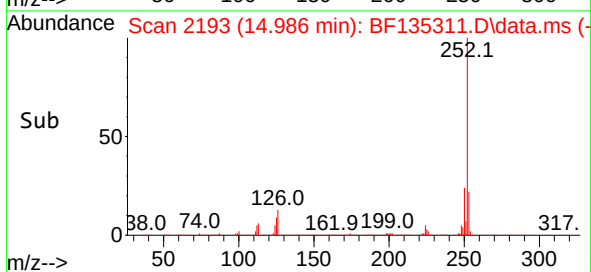
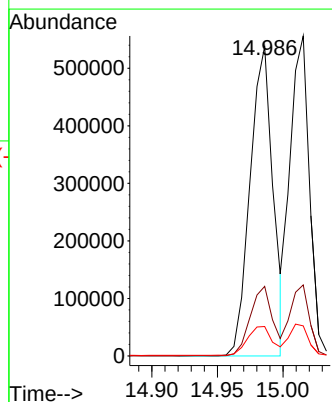
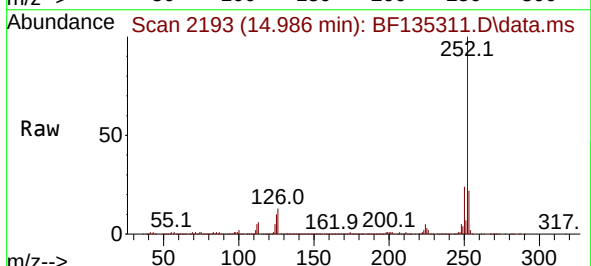
Manual Integrations
APPROVED

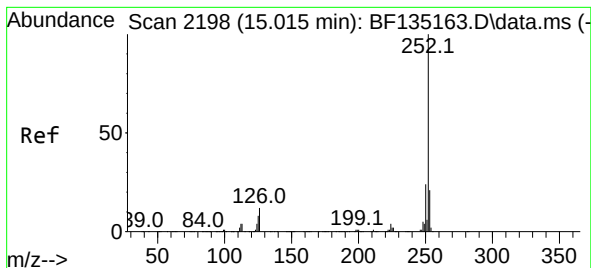
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 51.679 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion:252 Resp: 654972
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.770 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135311.D

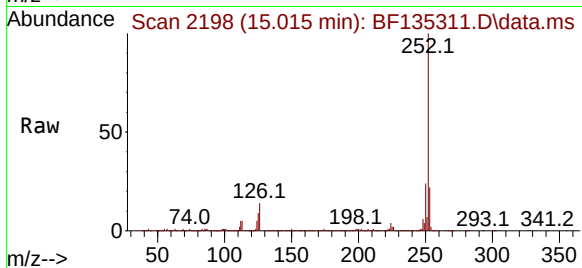
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion:252 Resp: 573010

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

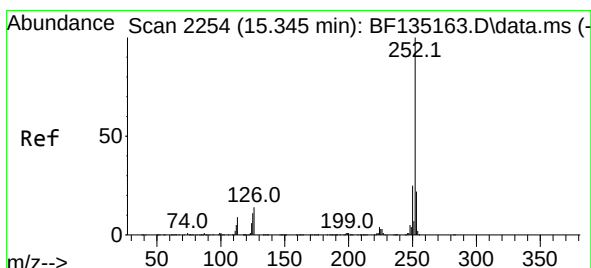
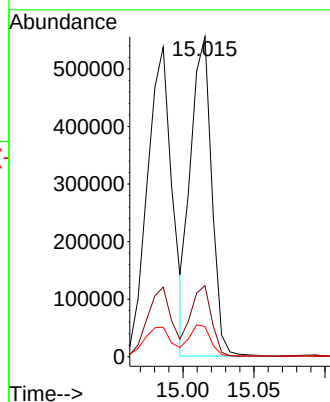
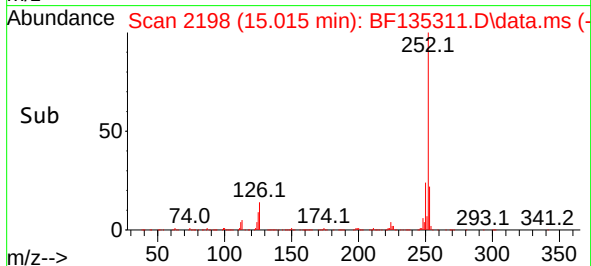
125 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#90

Benzo(a)pyrene

Concen: 48.855 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

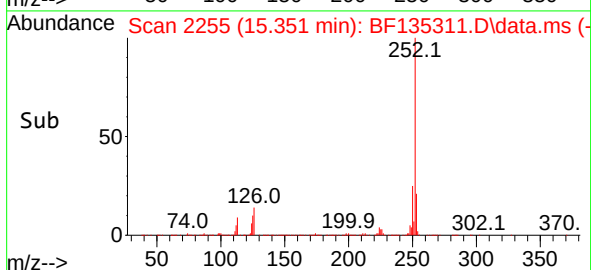
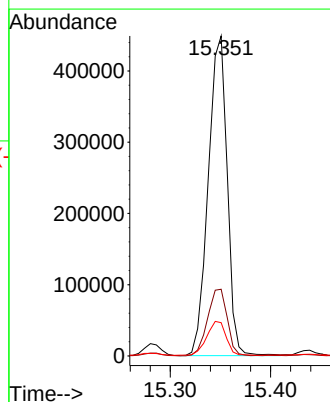
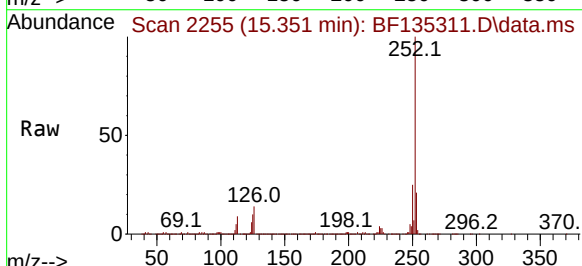
Tgt Ion:252 Resp: 590471

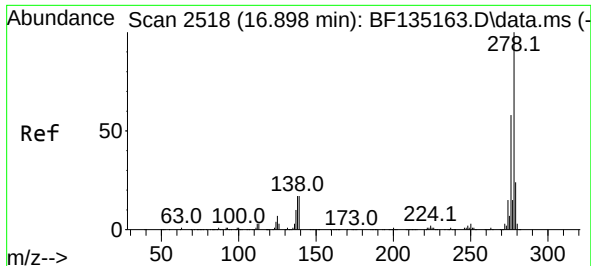
Ion Ratio Lower Upper

252 100

253 20.8 17.5 26.3

125 10.4 9.2 13.8





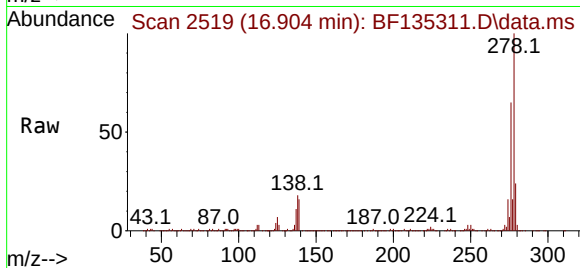
#91
Dibenzo(a,h)anthracene
Concen: 42.753 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

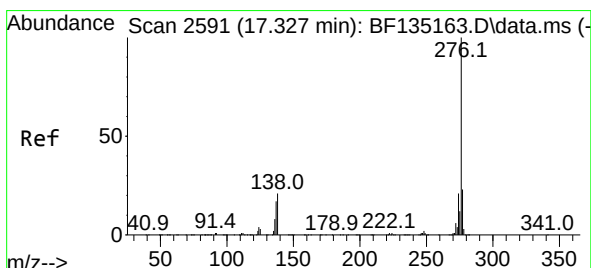
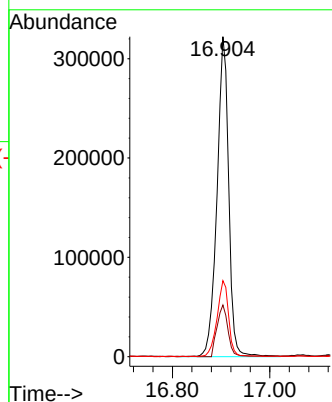
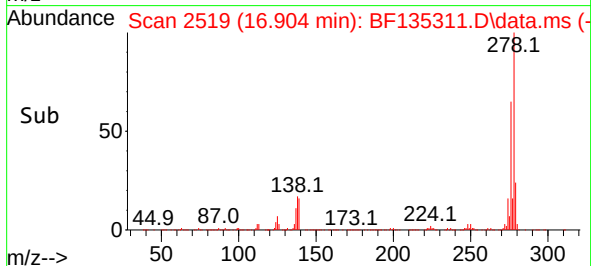


Tgt Ion: 278 Resp: 53697
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 23.8 19.0 28.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 38.330 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 276 Resp: 502785
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 20.8 16.9 25.3

