

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

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	65930	32.979	ng	96
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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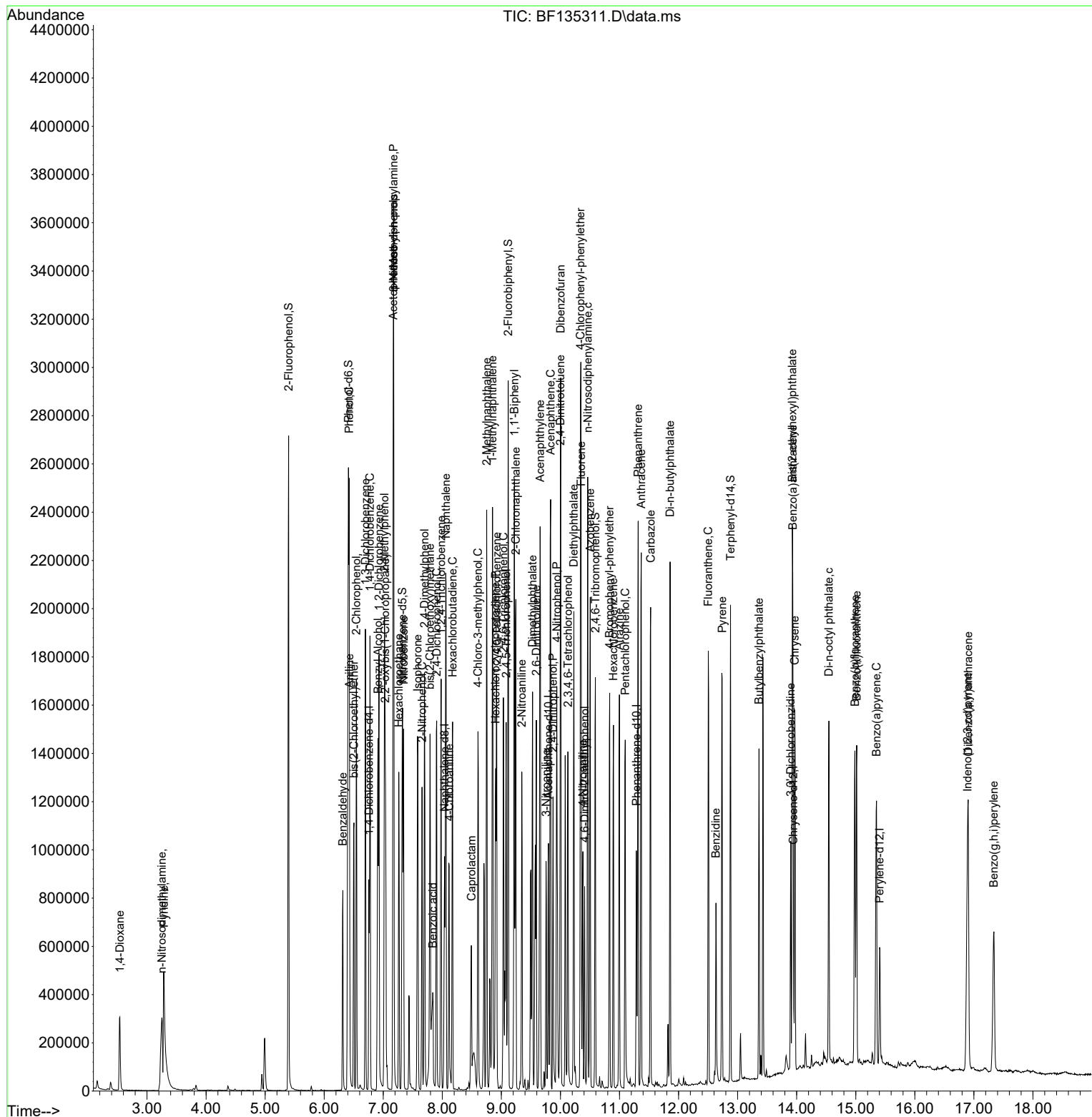
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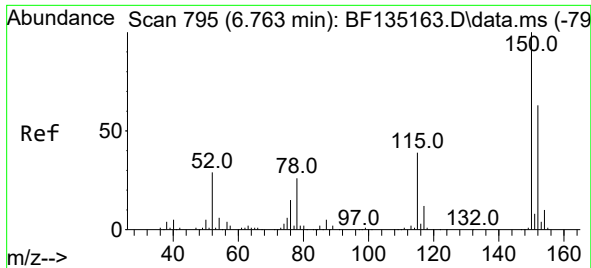
Quant Time: Sep 19 00:12:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	227688	49.733	ng	98
46) 1,1'-Biphenyl	9.222	154	831343	51.617	ng	100
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

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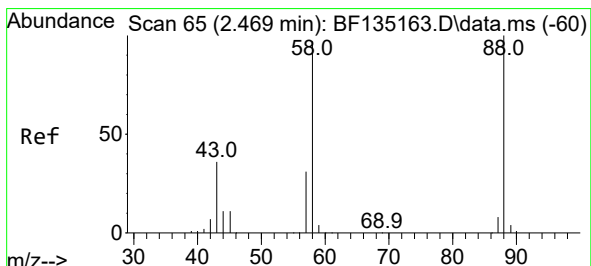
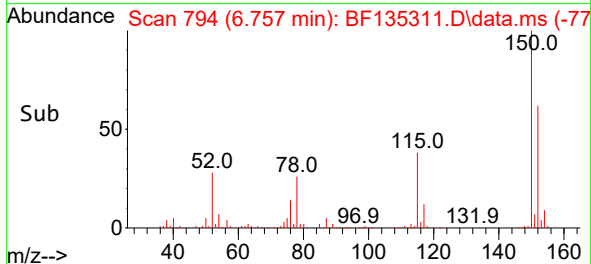
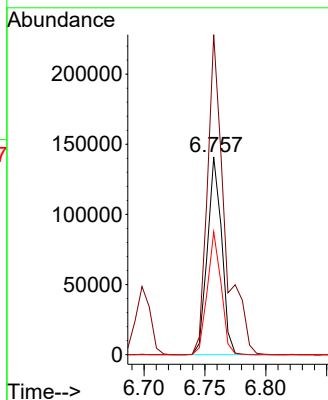
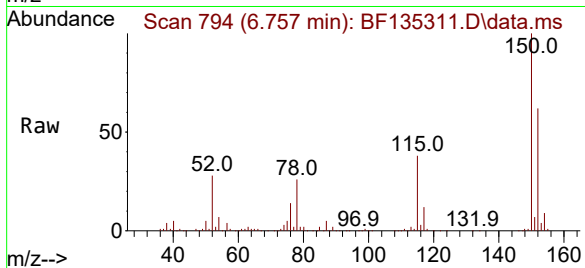




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

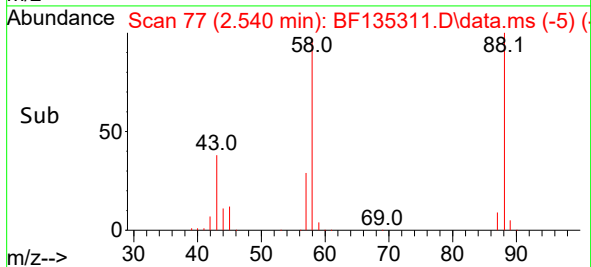
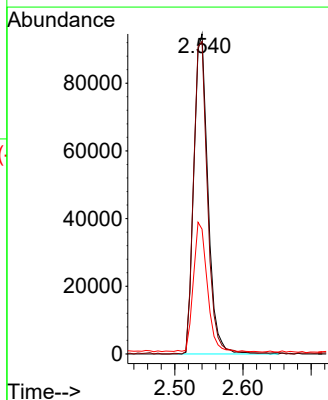
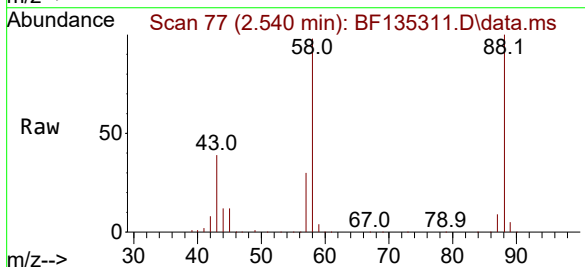
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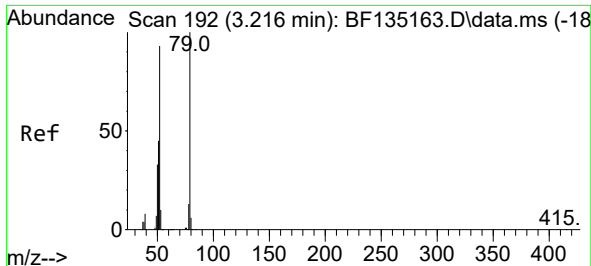
Tgt Ion:152 Resp: 115158
 Ion Ratio Lower Upper
 152 100
 150 161.8 127.8 191.6
 115 62.1 49.8 74.8



#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

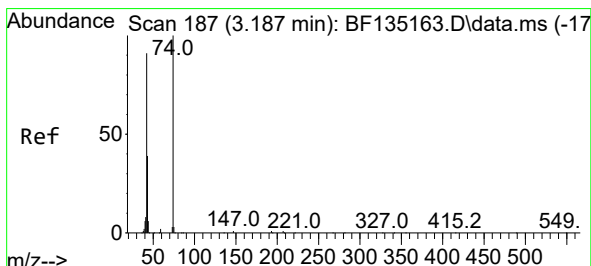
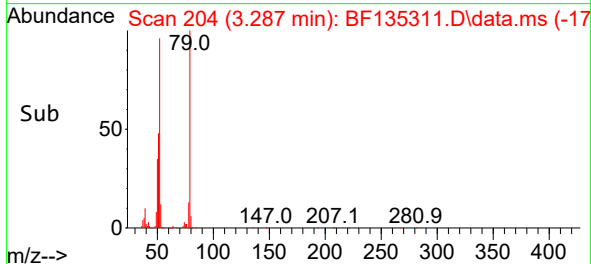
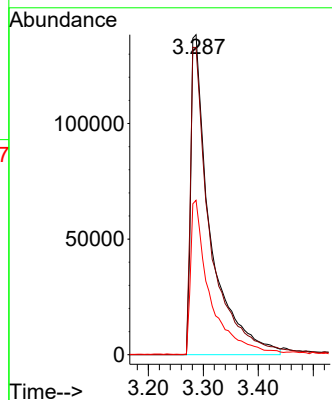
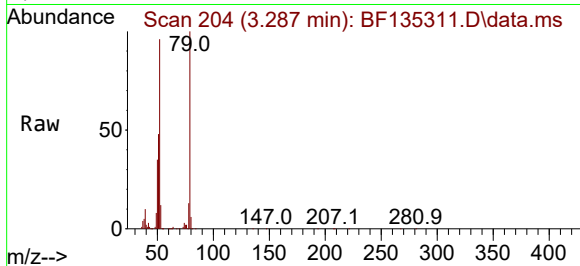




#3
 Pyridine
 Concen: 40.679 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.071 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

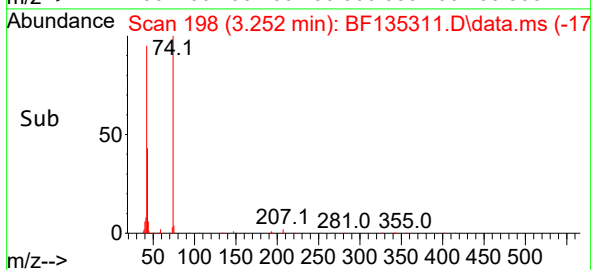
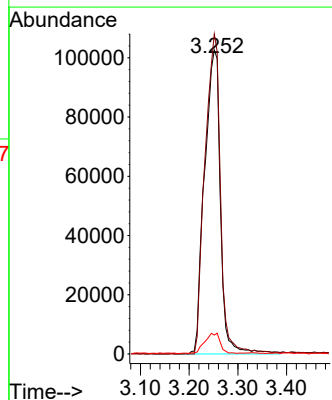
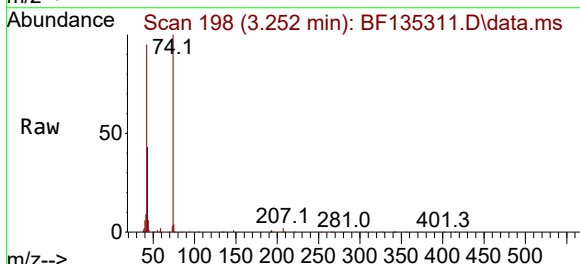
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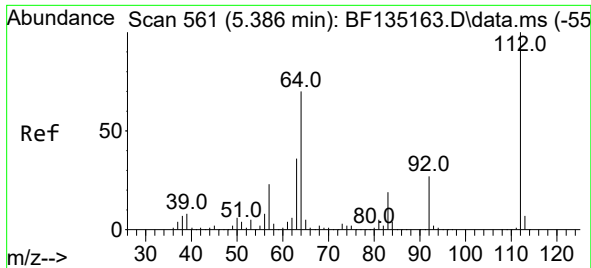
Tgt Ion: 79 Resp: 339825
 Ion Ratio Lower Upper
 79 100
 52 96.0 74.1 111.1
 51 48.3 35.8 53.8



#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

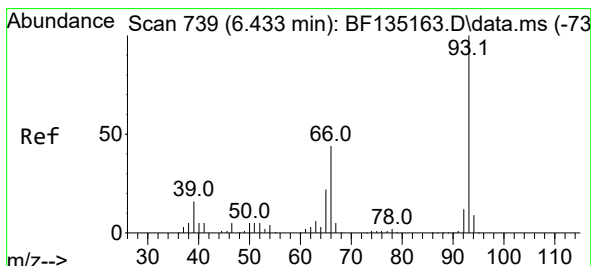
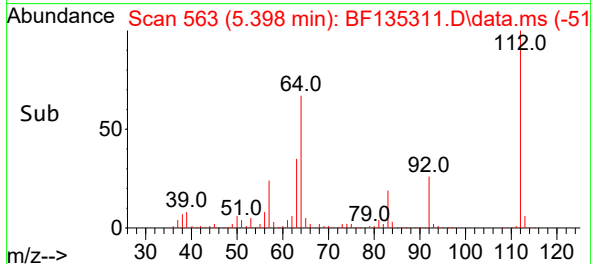
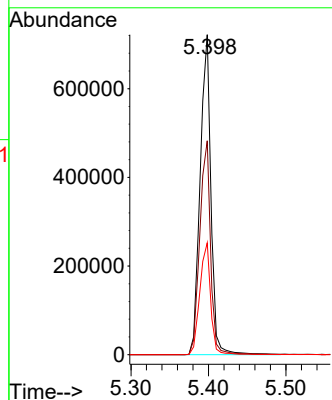
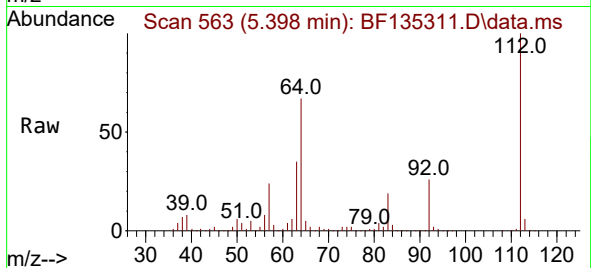




#5
2-Fluorophenol
Concen: 98.709 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

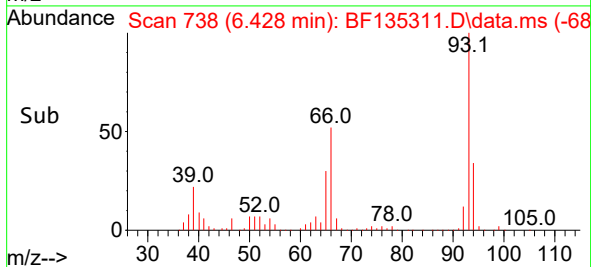
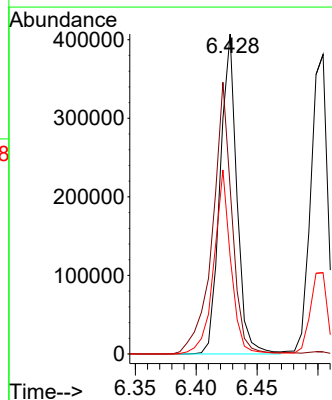
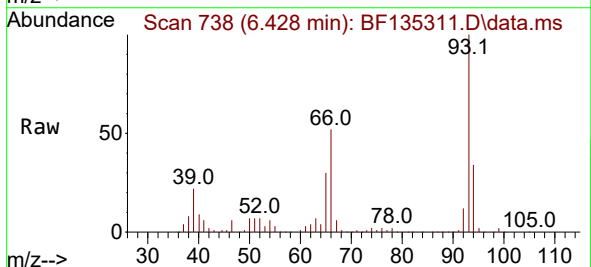
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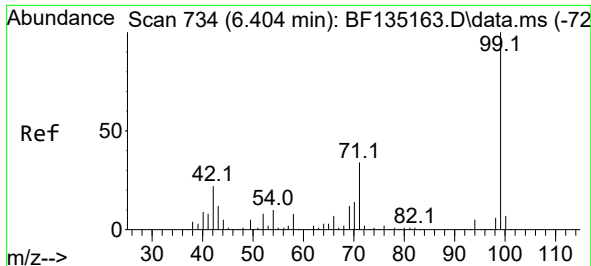
Tgt Ion:112 Resp: 698891
Ion Ratio Lower Upper
112 100
64 66.8 55.9 83.9
63 34.9 29.0 43.6



#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#

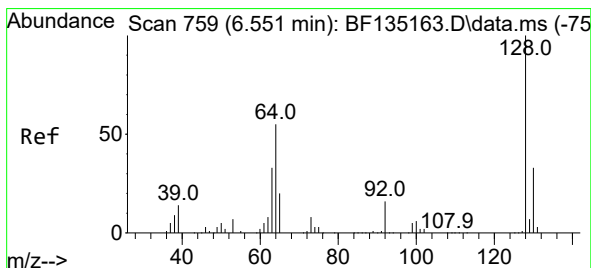
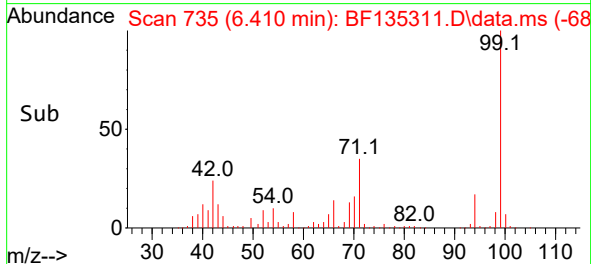
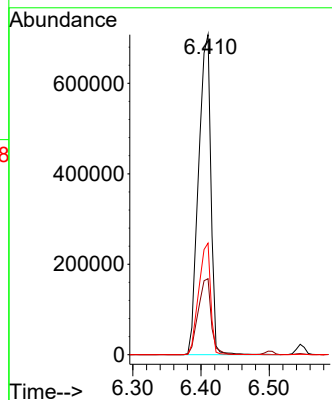
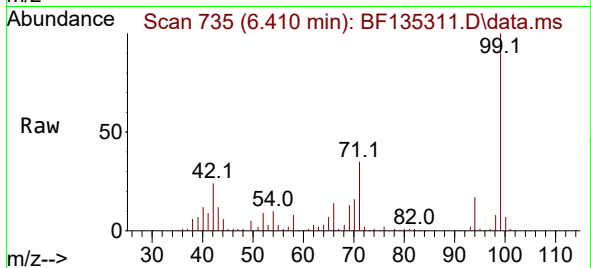




#7
Phenol-d6
Concen: 98.075 ng
RT: 6.410 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

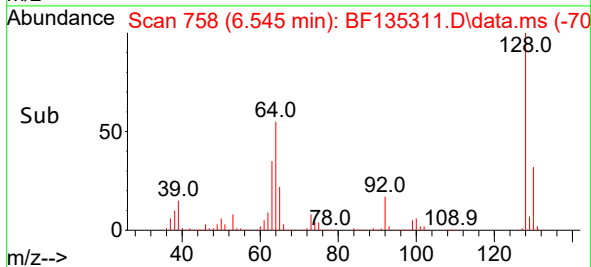
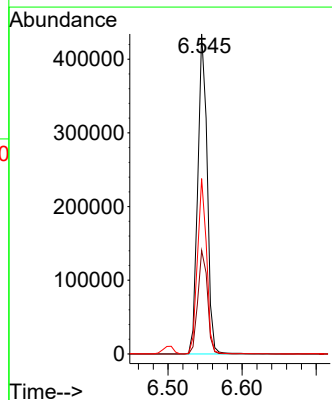
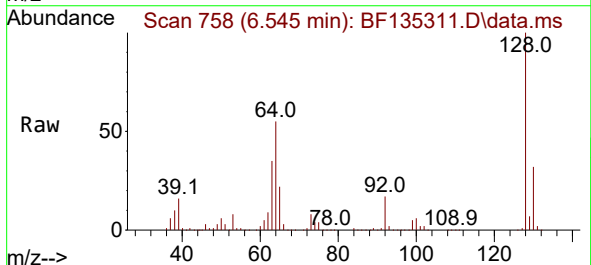
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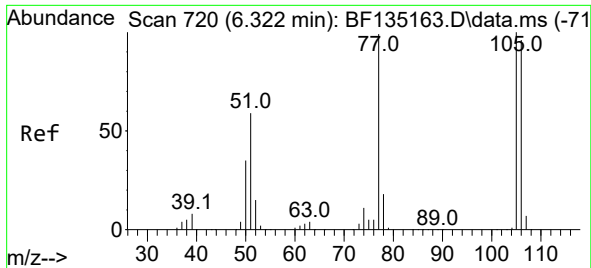
Tgt Ion: 99 Resp: 882972
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 34.8 27.0 40.6



#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

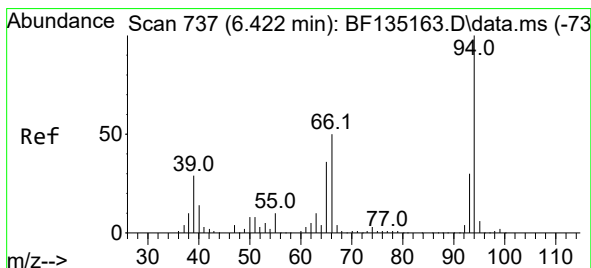
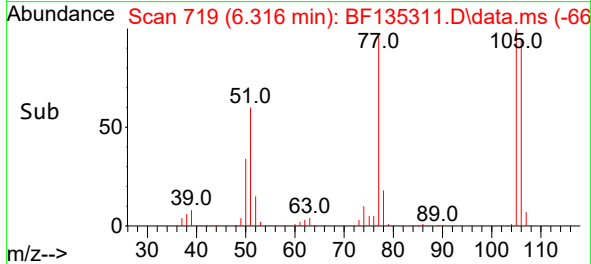
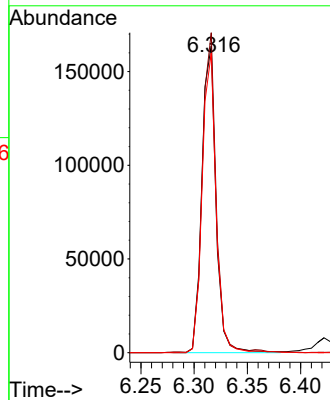
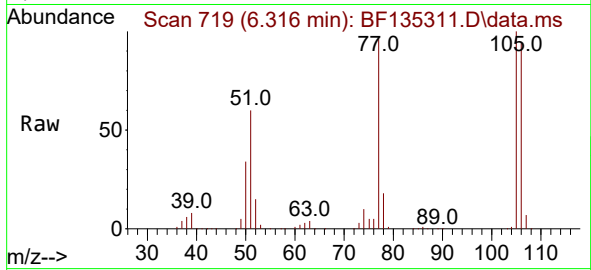
Tgt Ion: 77 Resp: 150792

Ion Ratio Lower Upper

77 100

105 104.3 81.4 121.4

106 97.7 76.9 116.9



#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

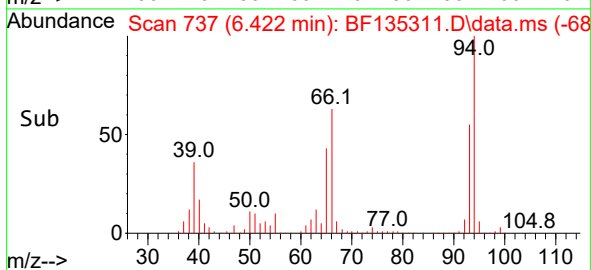
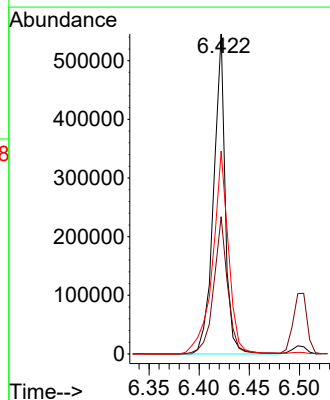
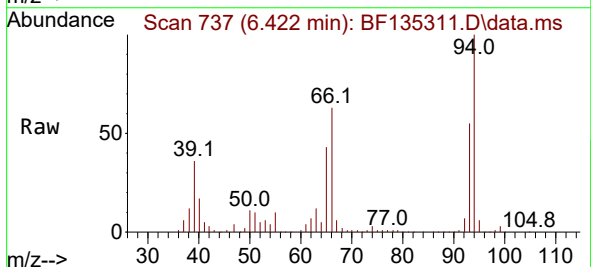
Tgt Ion: 94 Resp: 442143

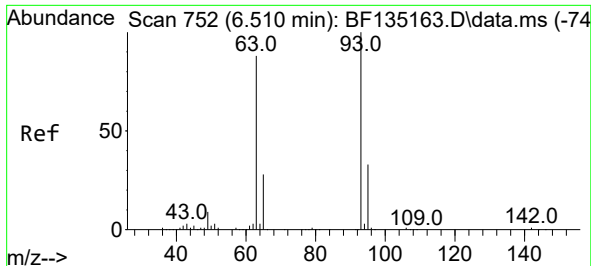
Ion Ratio Lower Upper

94 100

65 42.9 15.9 55.9

66 63.4 29.8 69.8

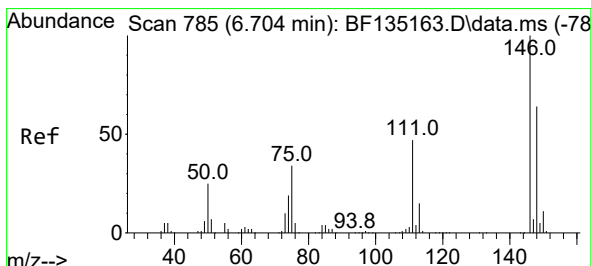
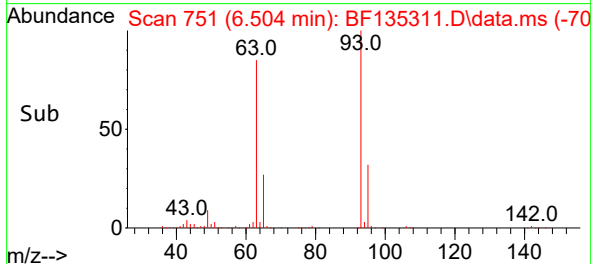
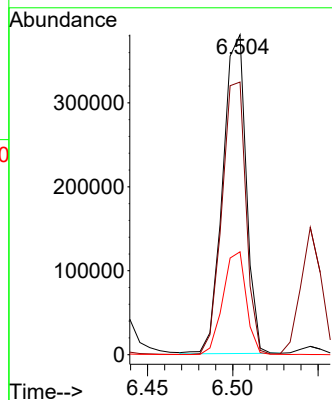
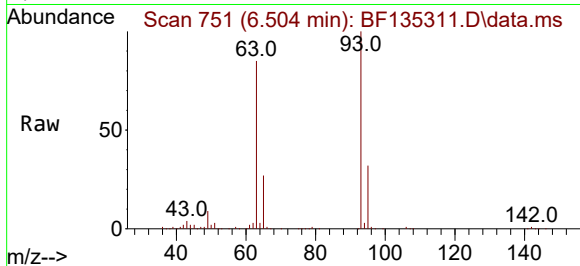




#11
bis(2-Chloroethyl)ether
Concen: 49.072 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

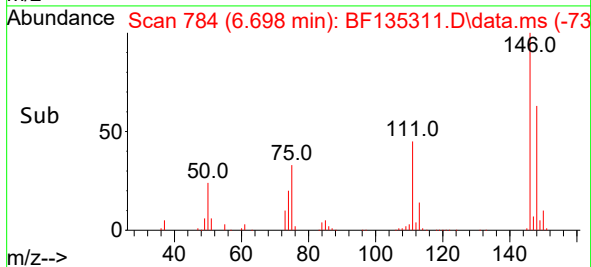
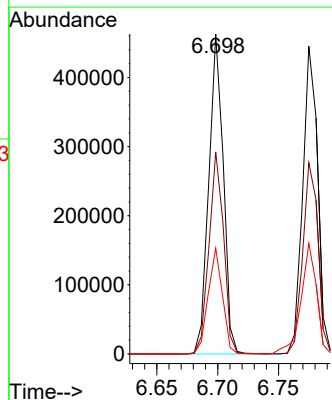
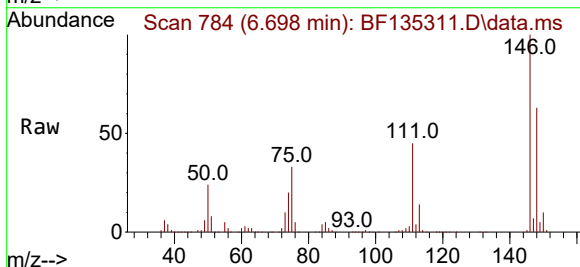
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

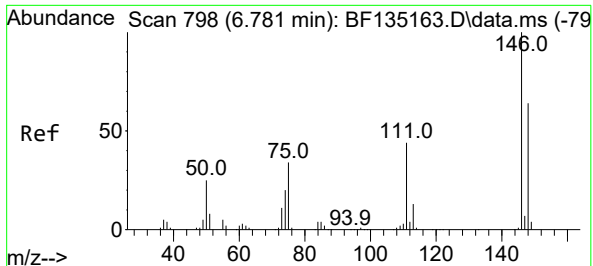
Tgt Ion: 93 Resp: 363392
Ion Ratio Lower Upper
93 100
63 85.2 67.3 107.3
95 32.2 12.7 52.7



#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

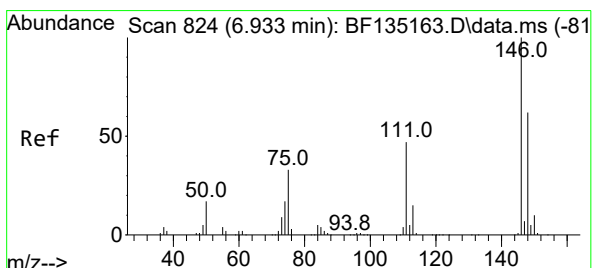
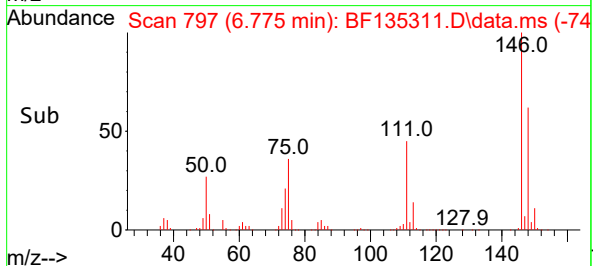
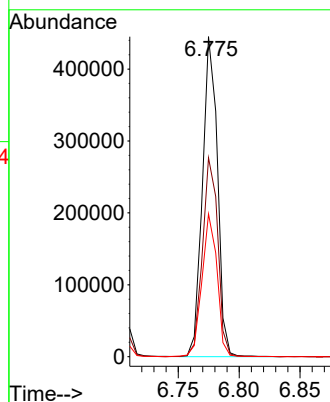
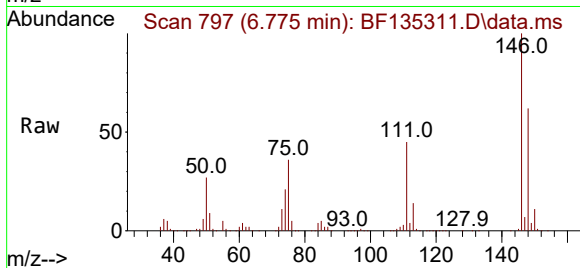
Tgt Ion:146 Resp: 380780

Ion Ratio Lower Upper

146 100

148 62.2 51.3 76.9

111 44.6 35.1 52.7



#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

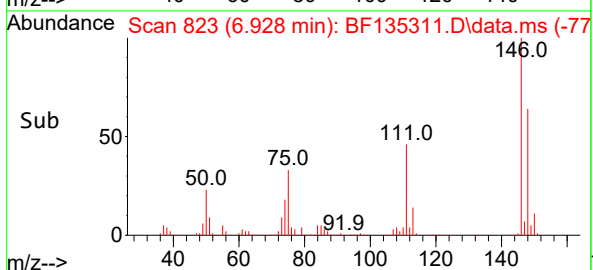
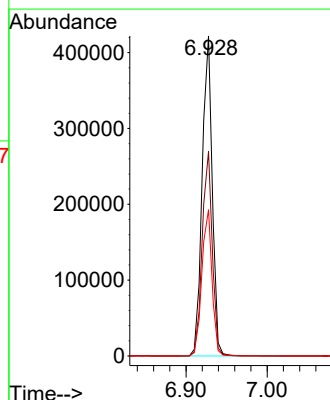
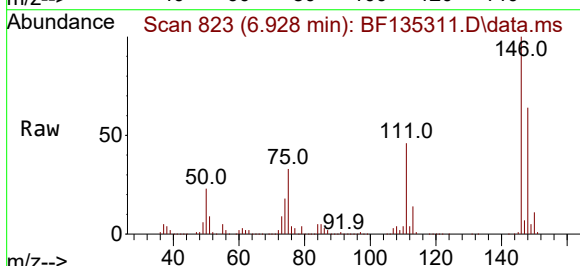
Tgt Ion:146 Resp: 364368

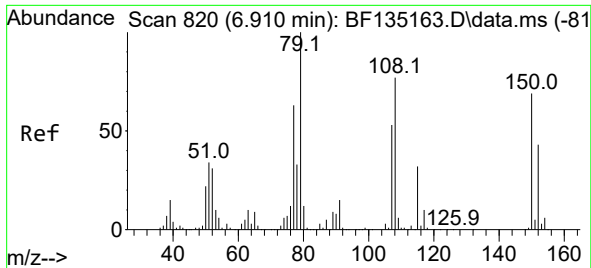
Ion Ratio Lower Upper

146 100

148 63.9 49.7 74.5

111 45.7 37.4 56.2

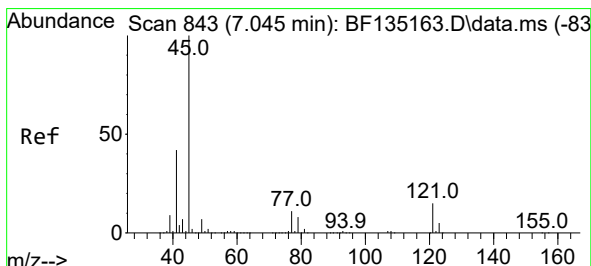
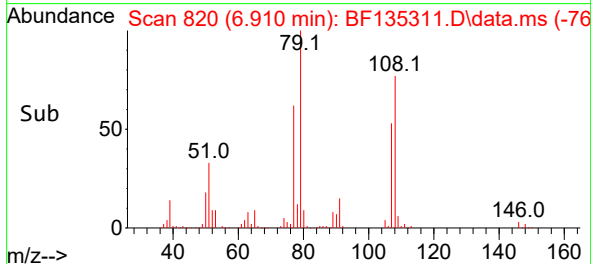
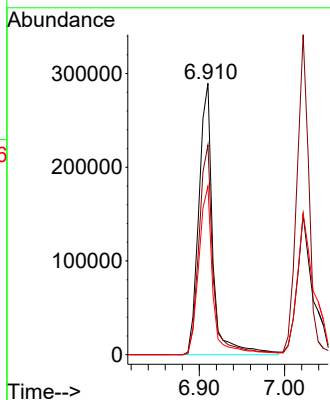
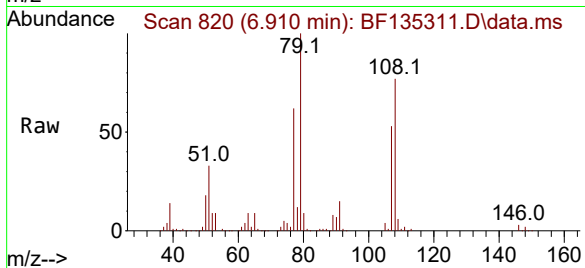




#15
Benzyl Alcohol
Concen: 51.112 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

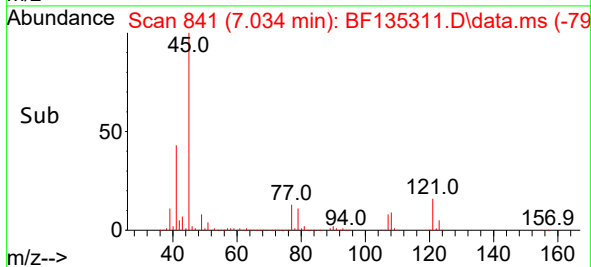
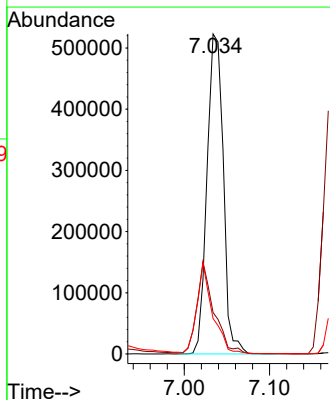
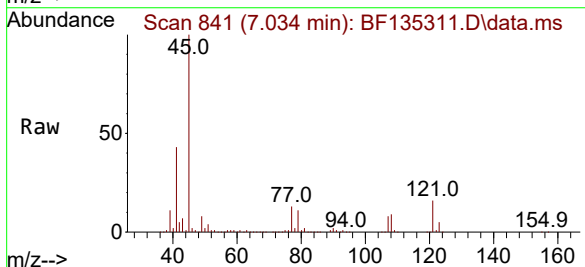
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

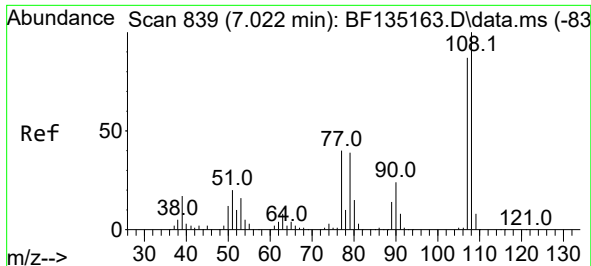
Tgt Ion: 79 Resp: 330211
Ion Ratio Lower Upper
79 100
108 77.3 61.2 91.8
77 62.1 50.5 75.7



#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

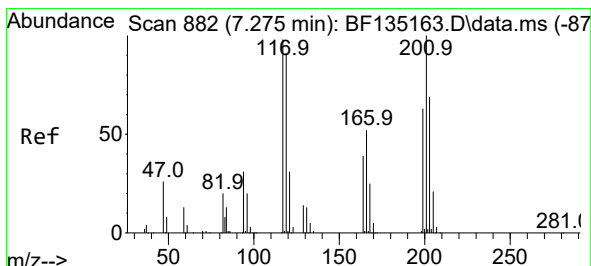
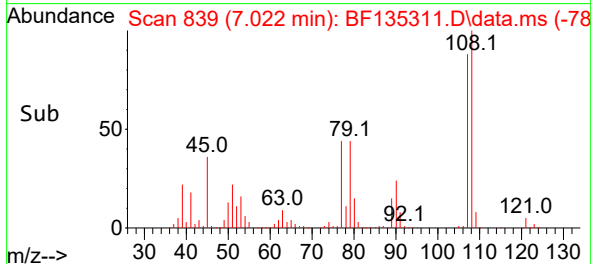
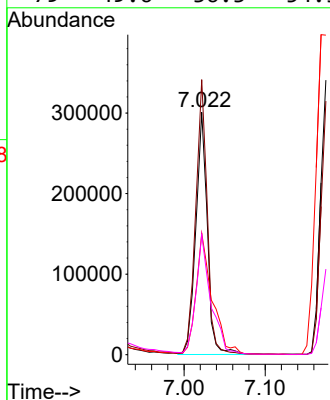
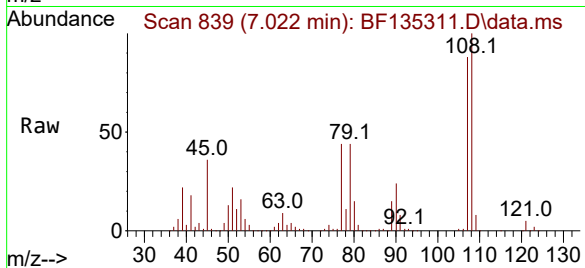




#17
2-Methylphenol
Concen: 44.788 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

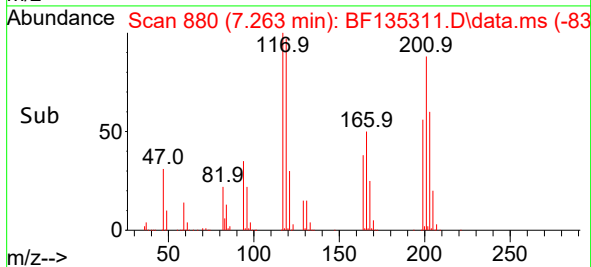
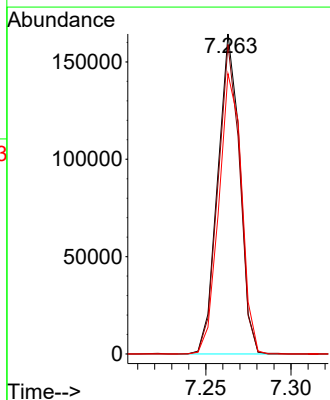
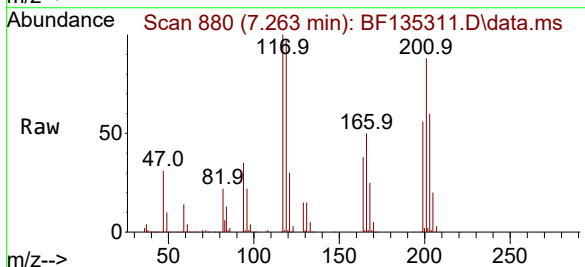
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

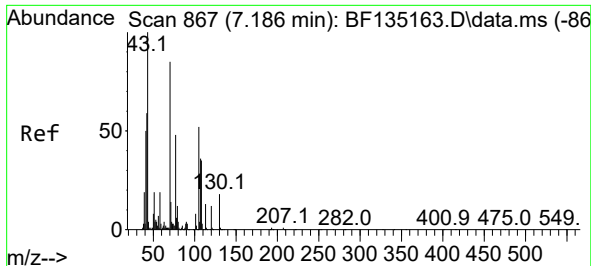
Tgt Ion:107 Resp: 298731
Ion Ratio Lower Upper
107 100
108 113.4 92.0 138.0
77 50.1 36.7 55.1
79 49.6 36.3 54.5



#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

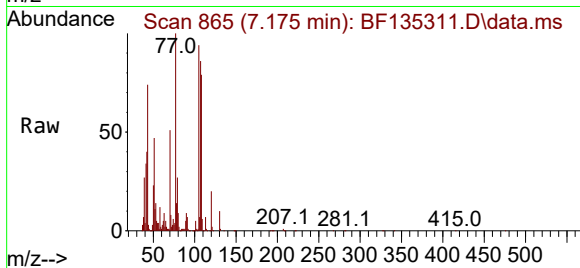
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



Tgt Ion: 70 Resp: 247676

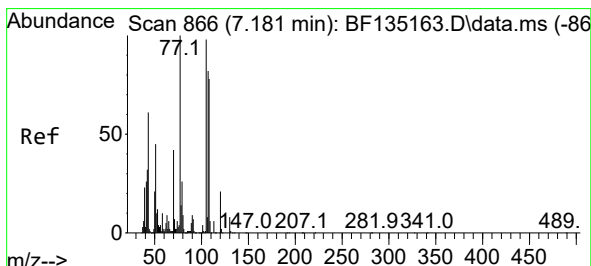
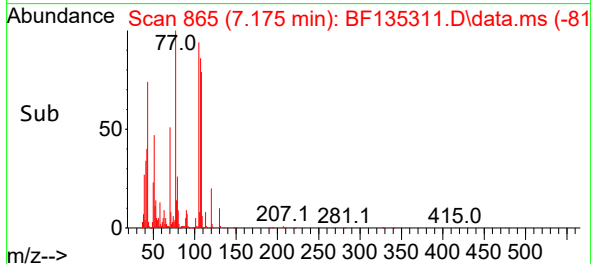
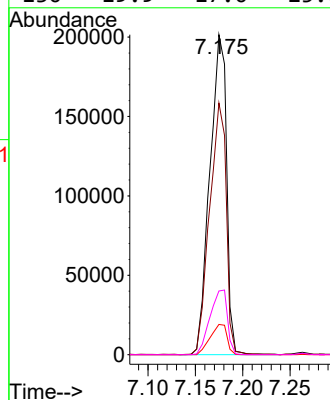
Ion Ratio Lower Upper

70 100

42 78.6 55.4 83.0

101 9.4 7.7 11.5

130 19.9 17.0 25.6



#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

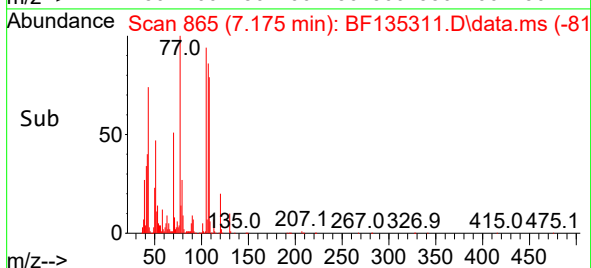
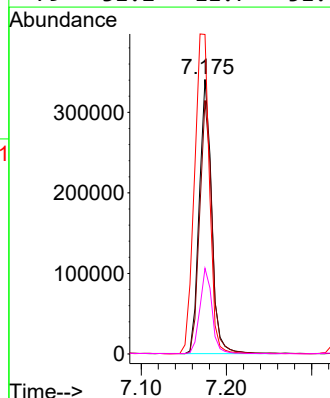
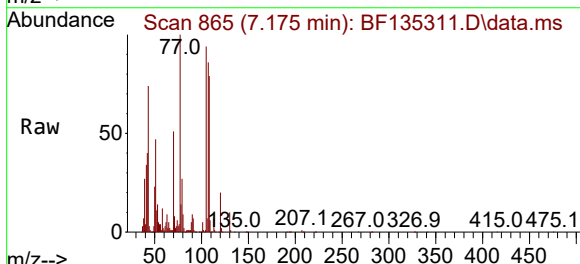
Ion Ratio Lower Upper

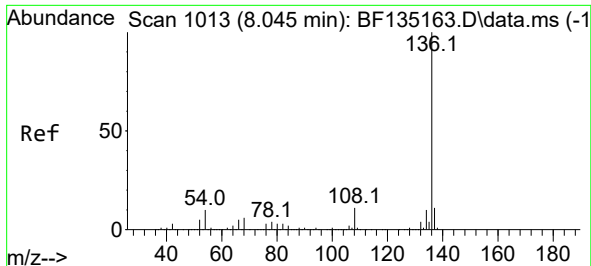
107 100

108 92.4 74.7 114.7

77 116.4 102.0 142.0

79 31.2 11.7 51.7

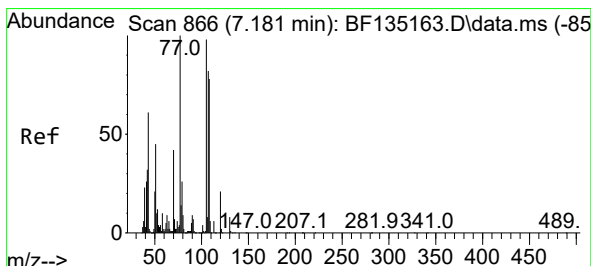
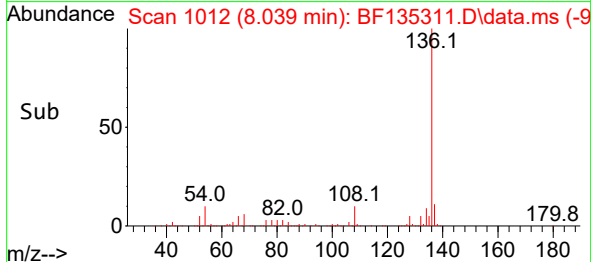
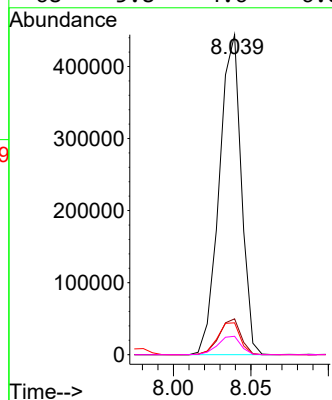
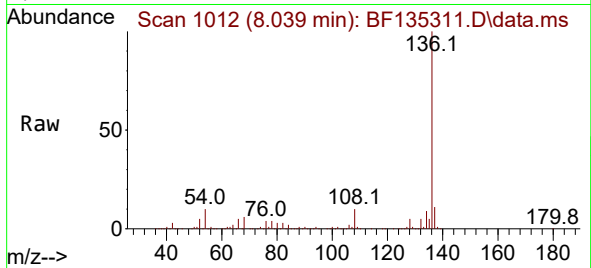




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

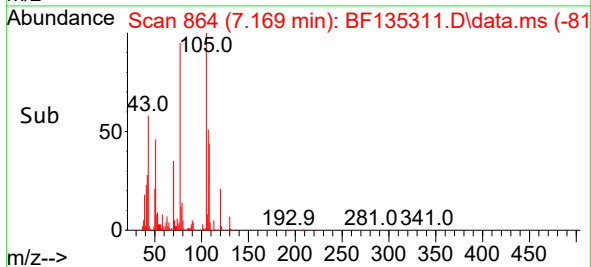
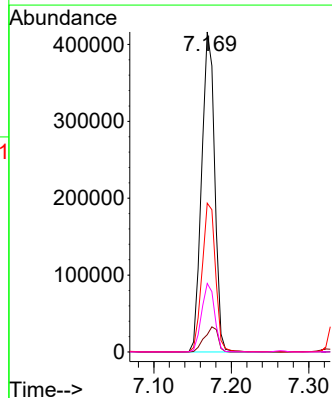
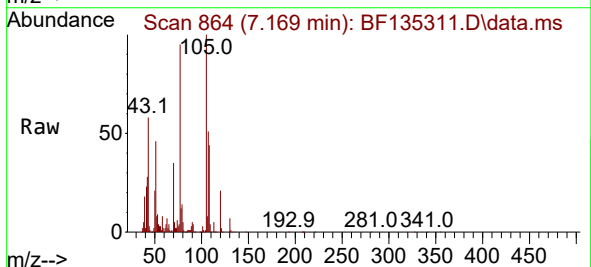
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

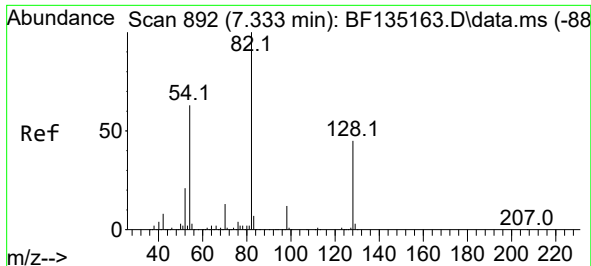
Tgt Ion:136 Resp: 438010
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 7.7 11.5
68 5.8 4.6 6.8



#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

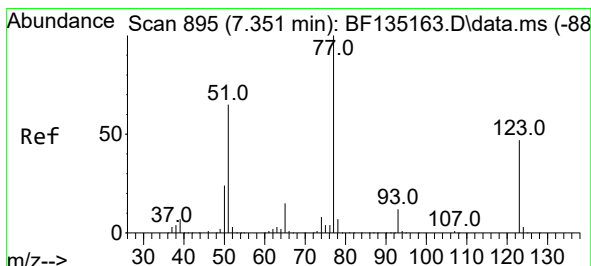
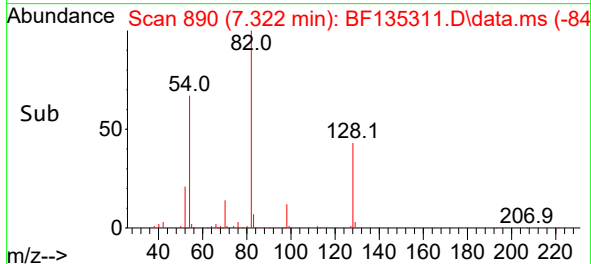
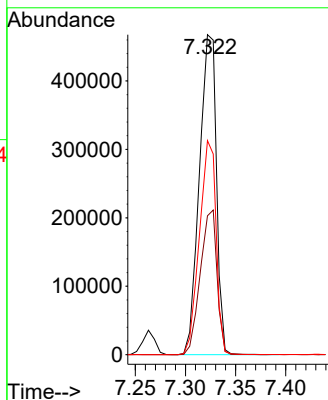
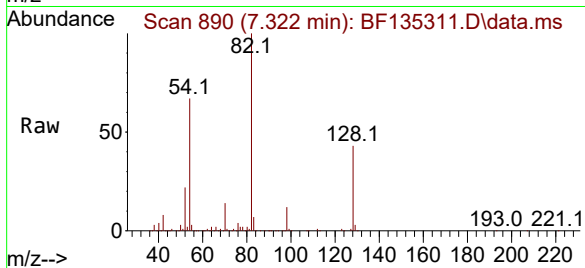
Tgt Ion: 82 Resp: 555817

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 66.9 50.6 76.0



#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

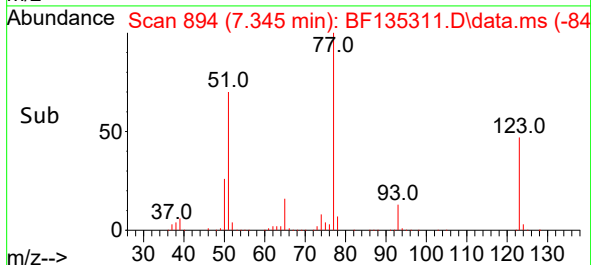
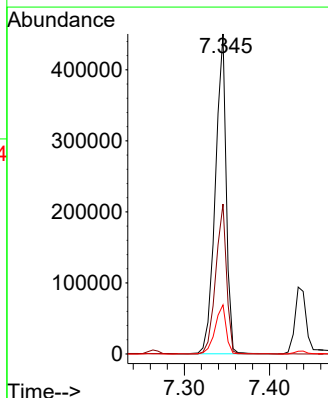
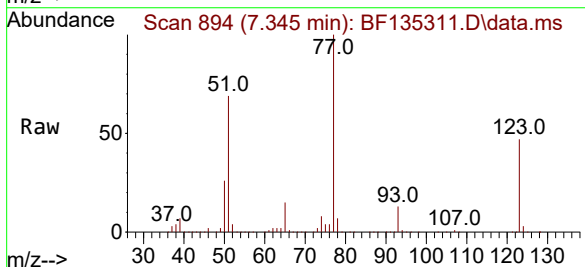
Tgt Ion: 77 Resp: 398473

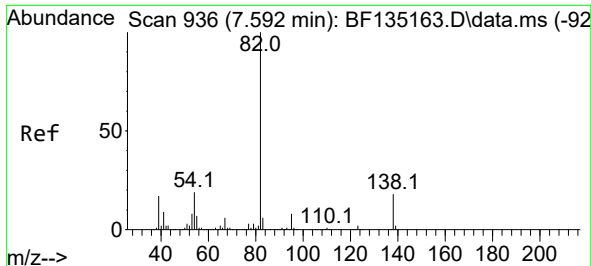
Ion Ratio Lower Upper

77 100

123 46.8 37.6 56.4

65 15.3 12.2 18.4

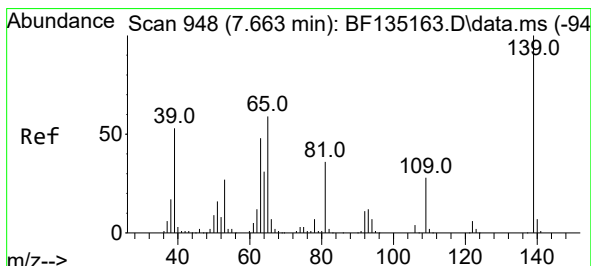
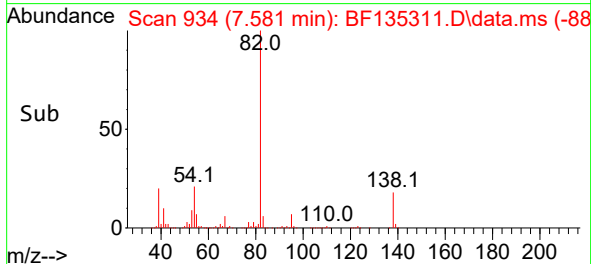
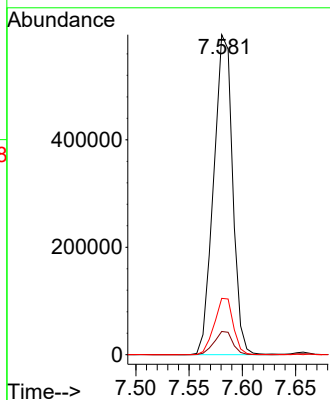
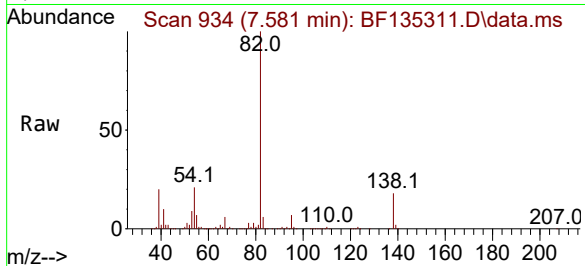




#25
Isophorone
Concen: 49.728 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

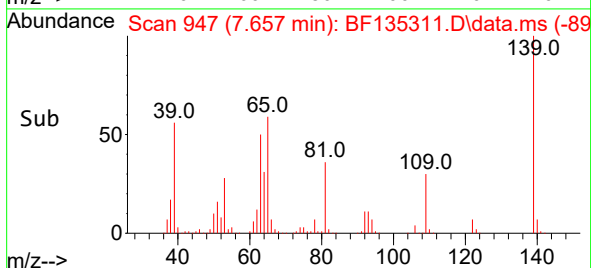
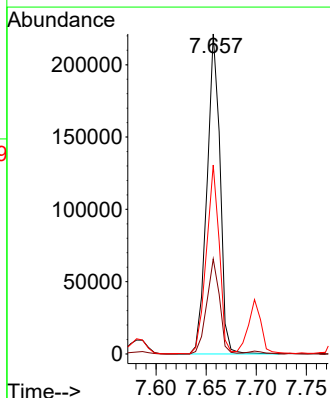
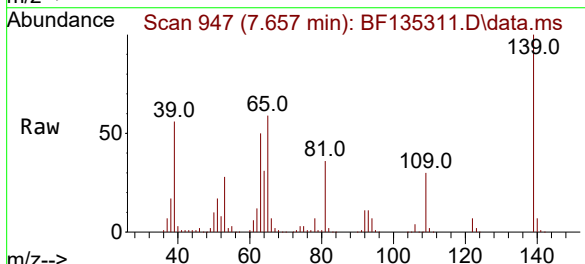
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

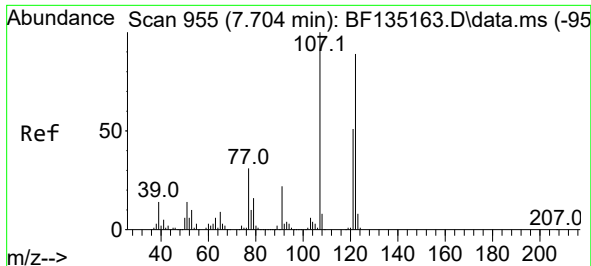
Tgt Ion: 82 Resp: 736184
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.6 14.5 21.7



#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

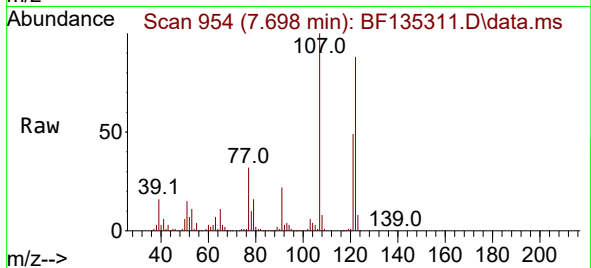
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



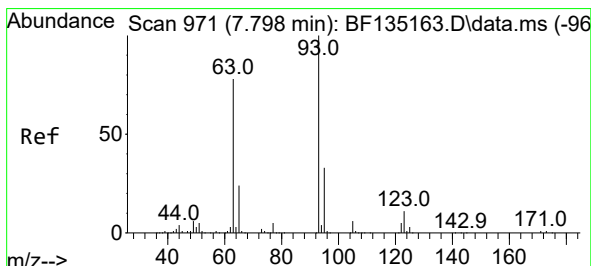
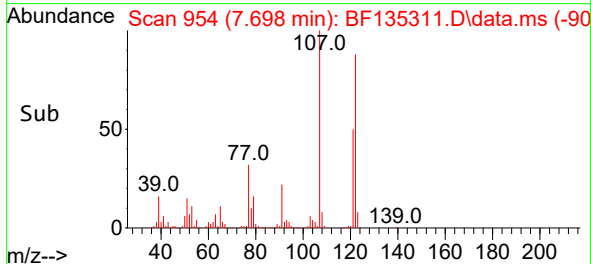
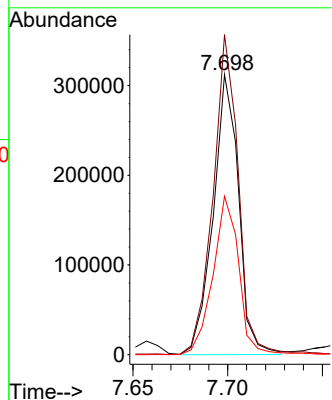
Tgt Ion:122 Resp: 291032

Ion Ratio Lower Upper

122 100

107 114.2 90.2 135.4

121 56.5 46.3 69.5



#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

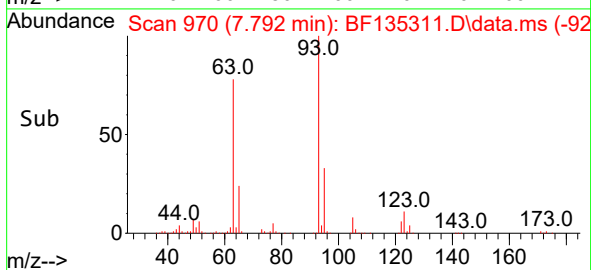
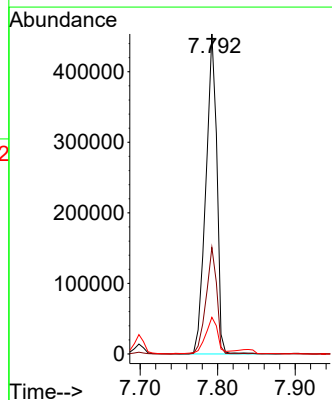
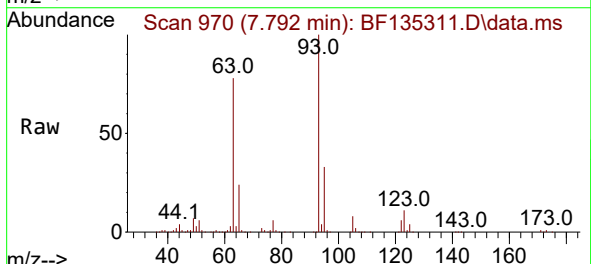
Tgt Ion: 93 Resp: 447374

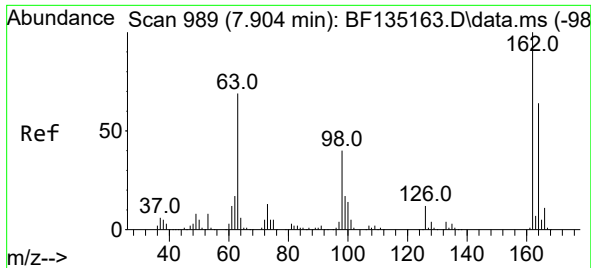
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

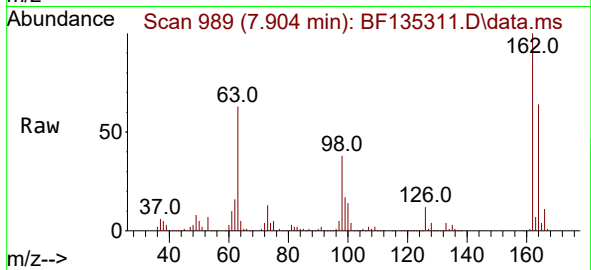
123 11.5 8.8 13.2



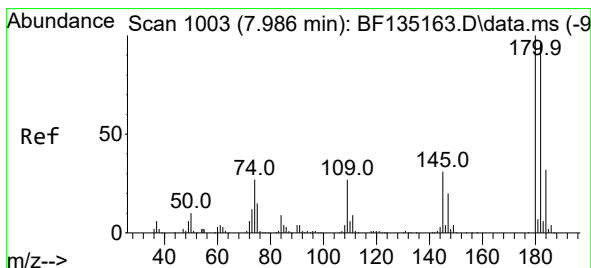
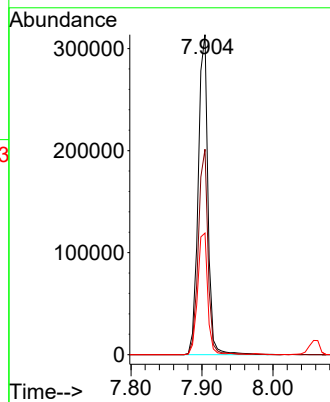
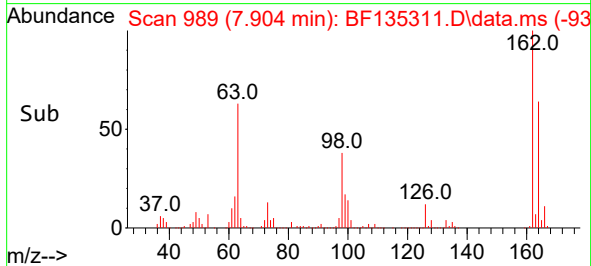


#29
2,4-Dichlorophenol
Concen: 50.400 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

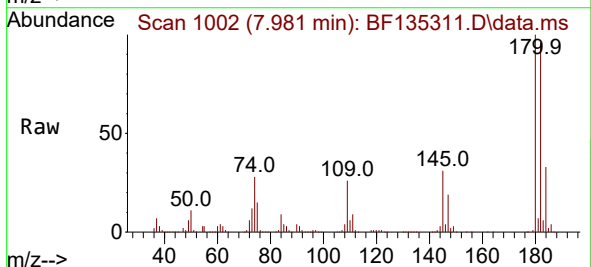
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



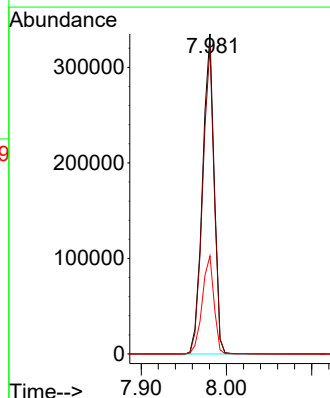
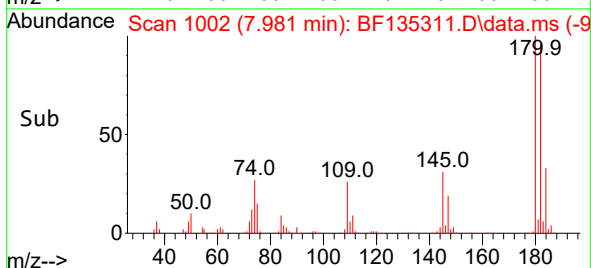
Tgt Ion:162 Resp: 300223
Ion Ratio Lower Upper
162 100
164 64.2 44.1 84.1
98 38.0 20.3 60.3

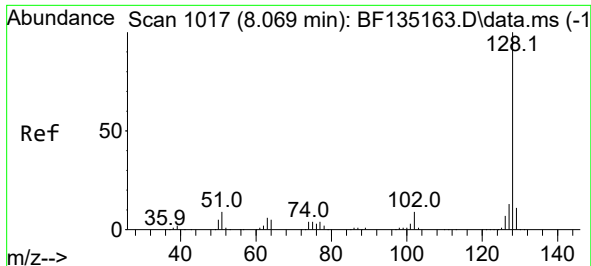


#30
1,2,4-Trichlorobenzene
Concen: 51.036 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



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

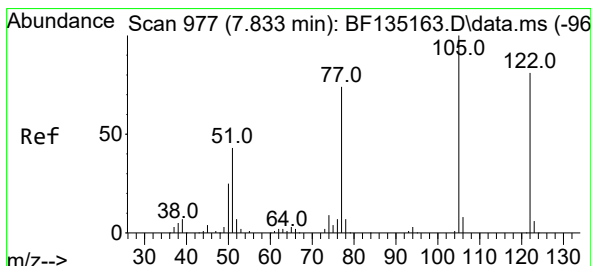
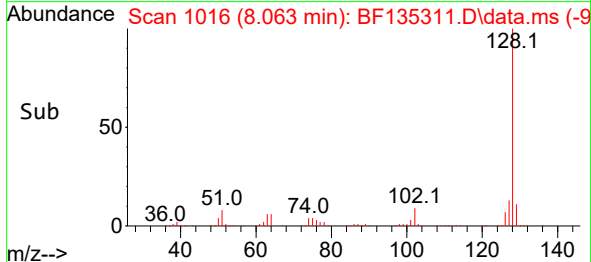
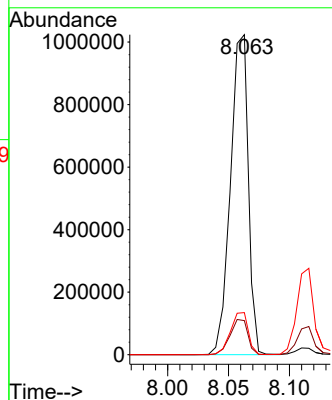
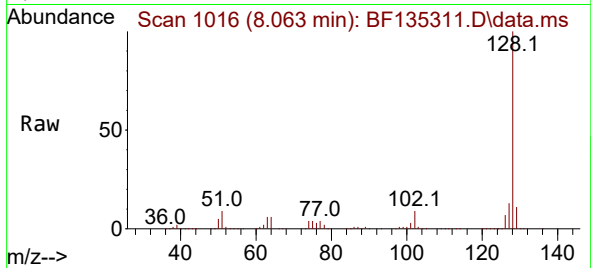




#31
Naphthalene
Concen: 49.088 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

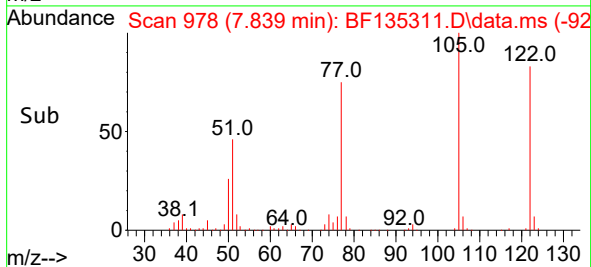
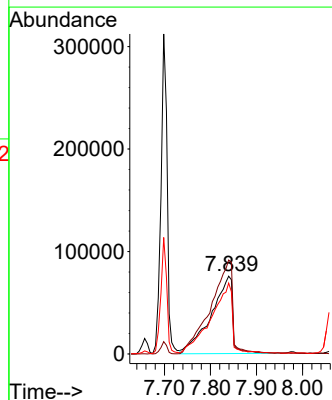
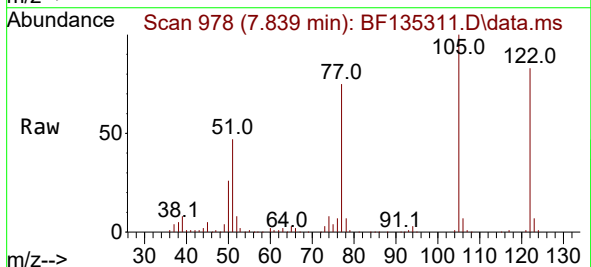
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

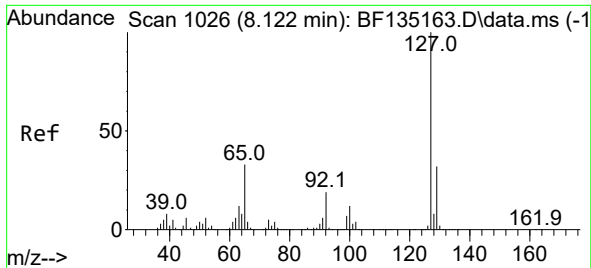
Tgt Ion:128 Resp: 1044672
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.7 16.1



#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

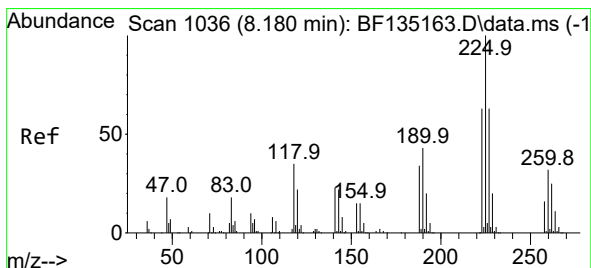
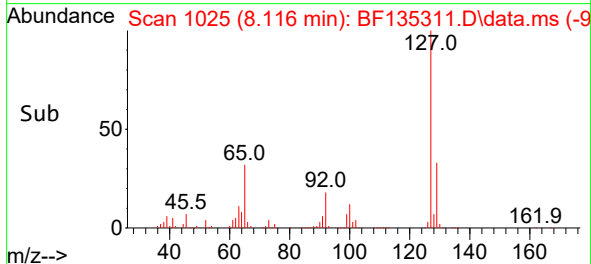
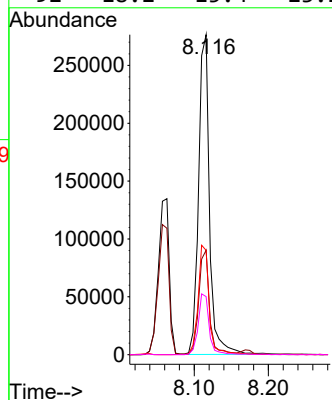
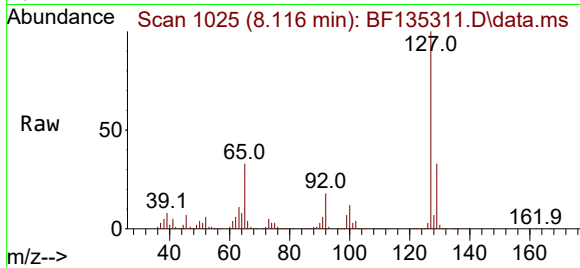




#33
4-Chloroaniline
Concen: 30.297 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

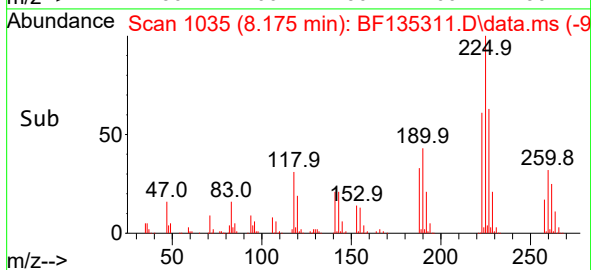
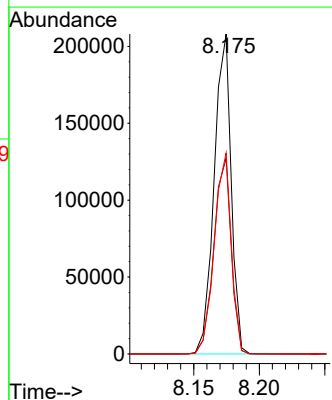
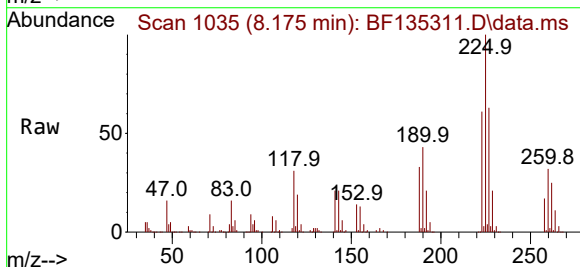
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

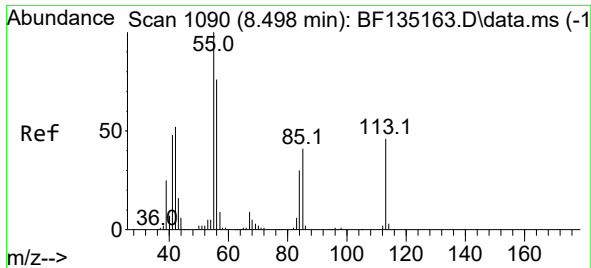
Tgt Ion:	127	Resp:	282891
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	32.6	26.6	39.8
92	18.2	15.4	23.2



#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

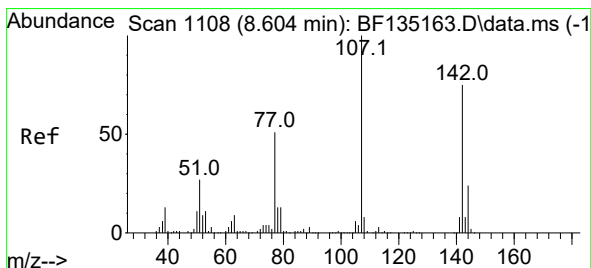
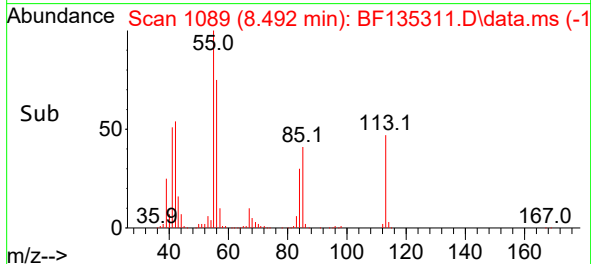
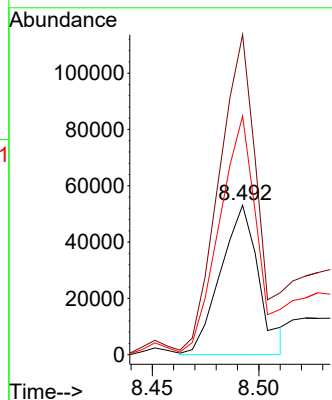
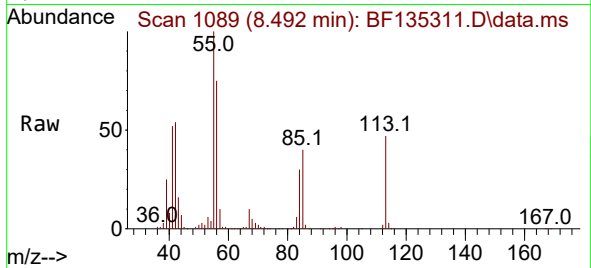




#35
 Caprolactam
 Concen: 32.979 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

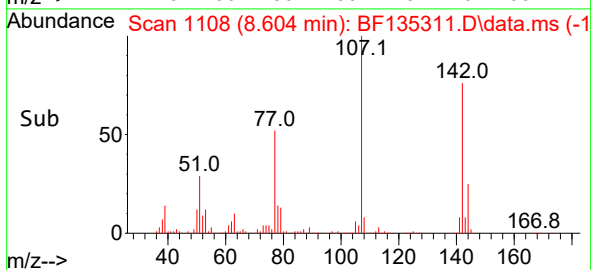
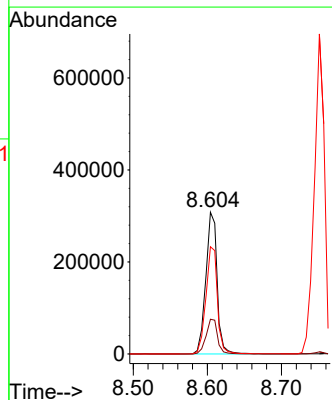
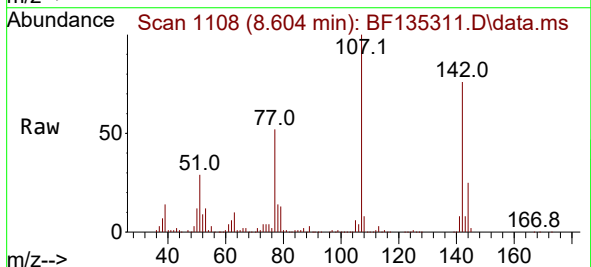
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMSD

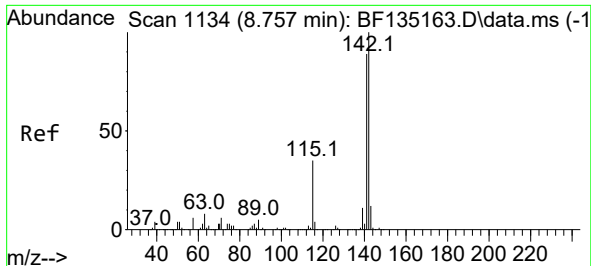
Tgt Ion:113 Resp: 65930
 Ion Ratio Lower Upper
 113 100
 55 214.1 199.3 239.3
 56 159.7 146.3 186.3



#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

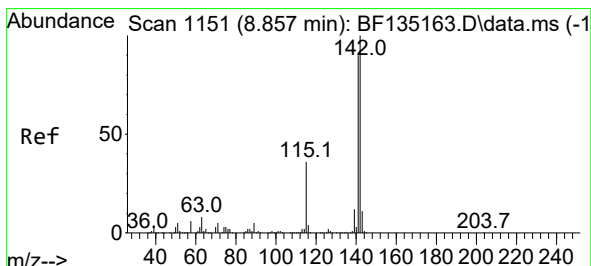
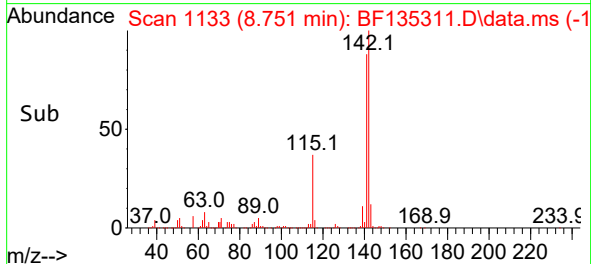
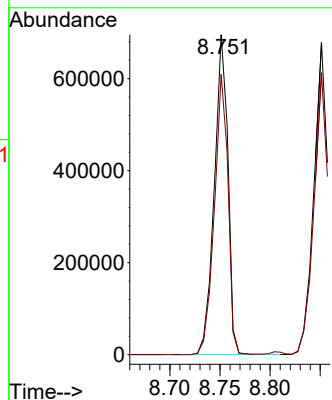
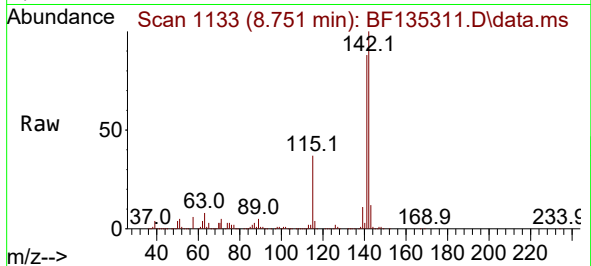




#37
2-Methylnaphthalene
Concen: 45.887 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

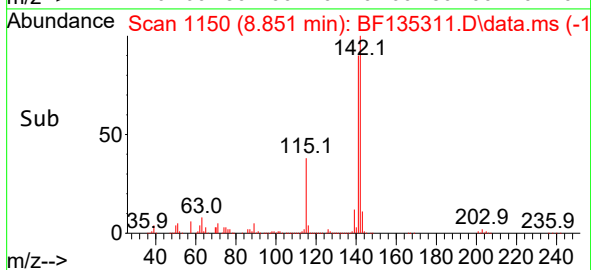
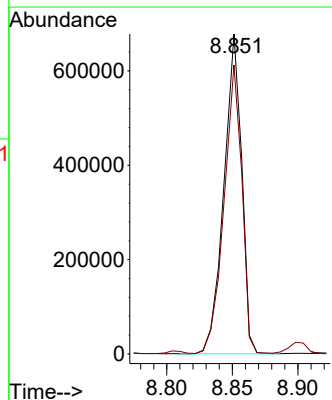
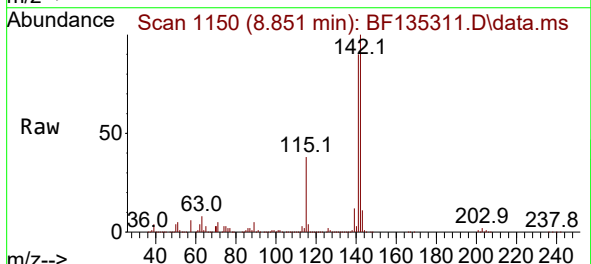
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

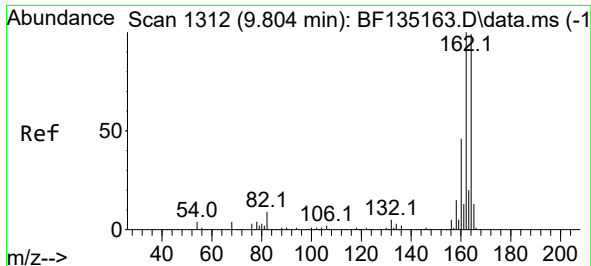
Tgt Ion:142 Resp: 656431
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6



#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

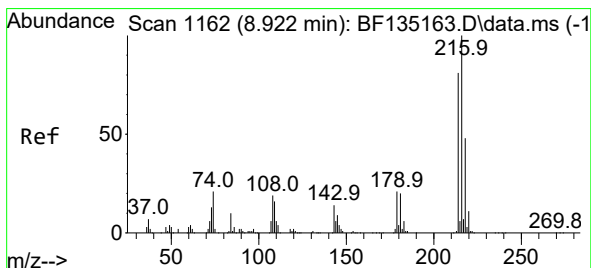
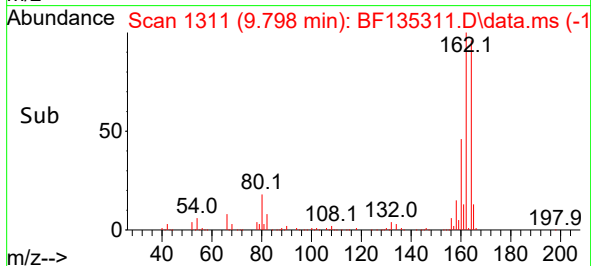
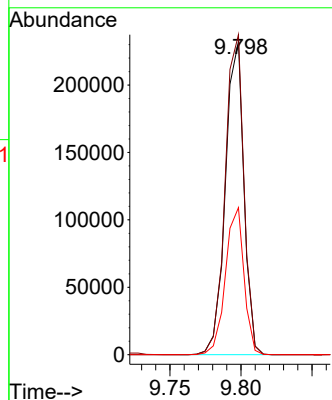
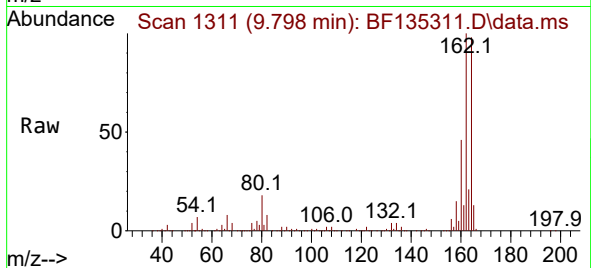
Tgt Ion:164 Resp: 209583

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.4

160 46.9 37.0 55.4



#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

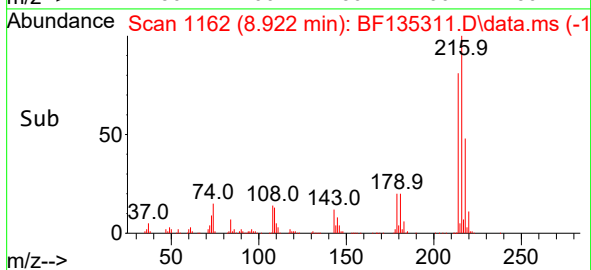
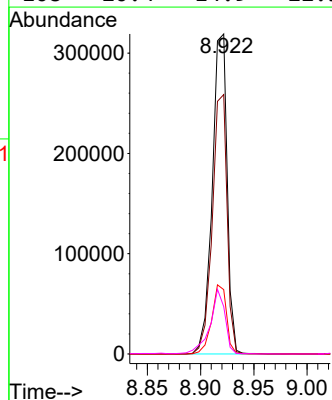
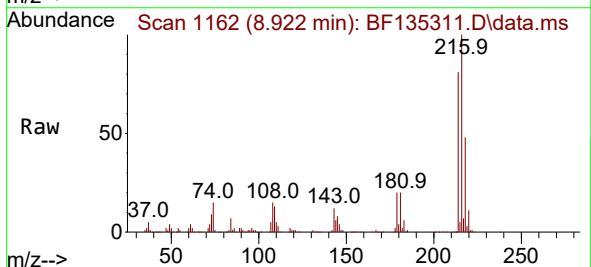
Ion Ratio Lower Upper

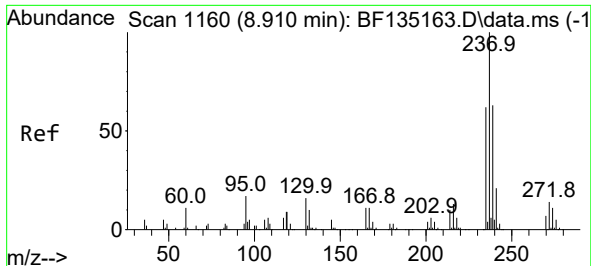
216 100

214 80.3 63.7 95.5

179 21.2 16.7 25.1

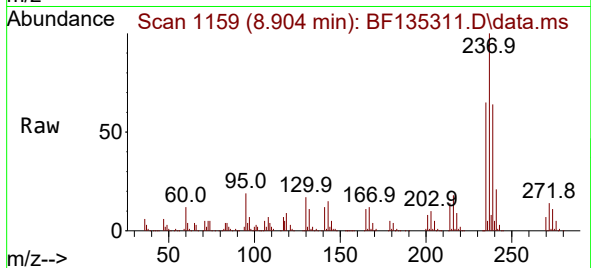
108 20.4 14.9 22.3



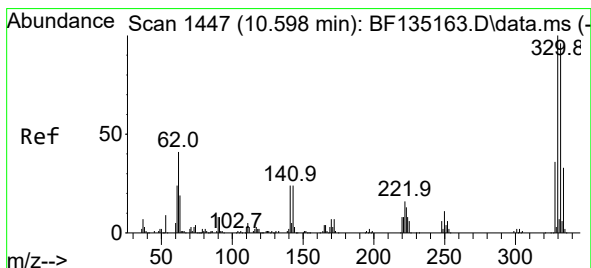
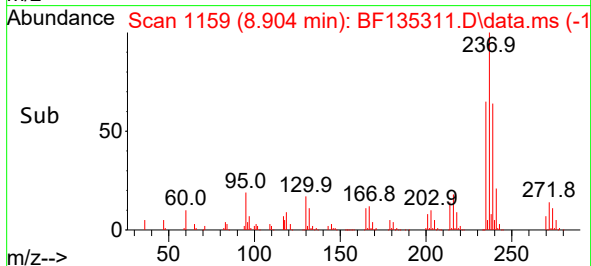
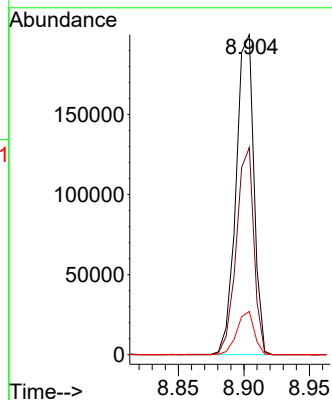


#41
Hexachlorocyclopentadiene
Concen: 71.879 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

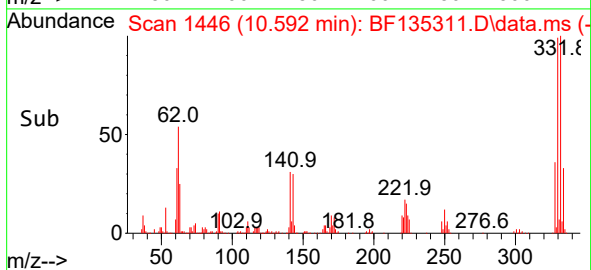
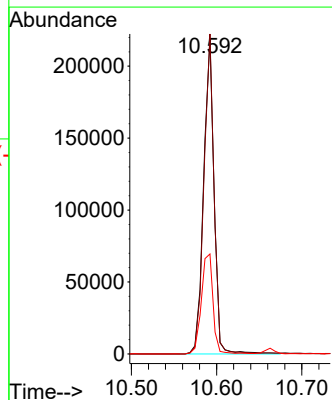
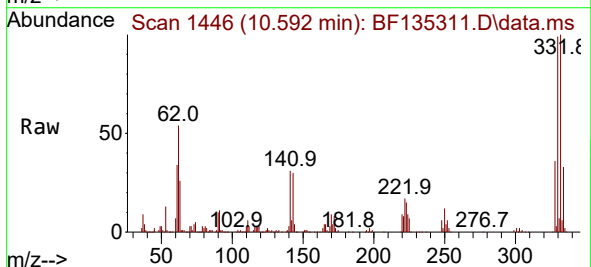


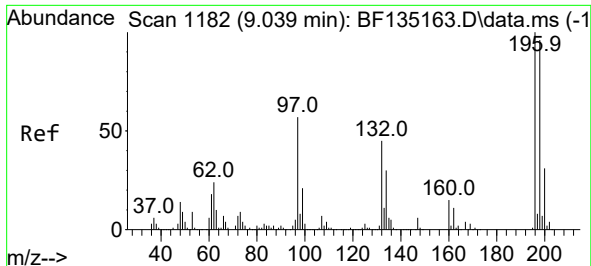
Tgt Ion:237 Resp: 190097
Ion Ratio Lower Upper
237 100
235 64.7 41.8 81.8
272 13.5 0.0 33.6



#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

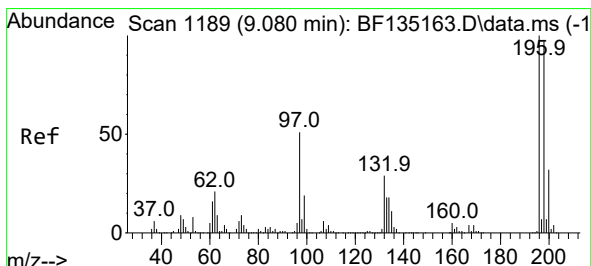
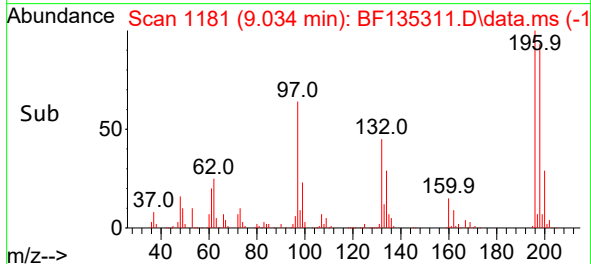
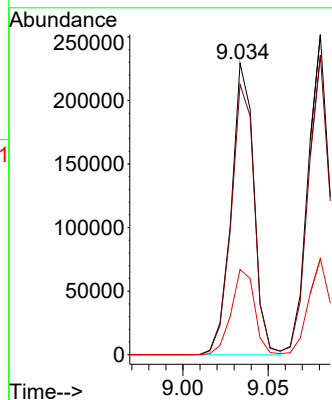
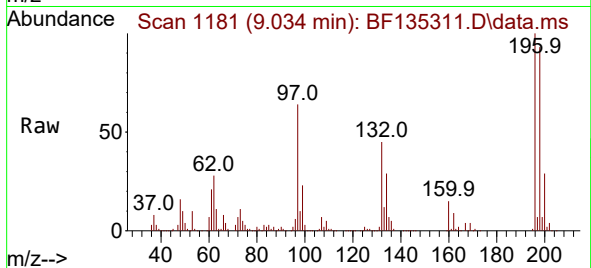
Tgt Ion:196 Resp: 211638

Ion Ratio Lower Upper

196 100

198 92.8 77.0 115.6

200 29.3 24.5 36.7



#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

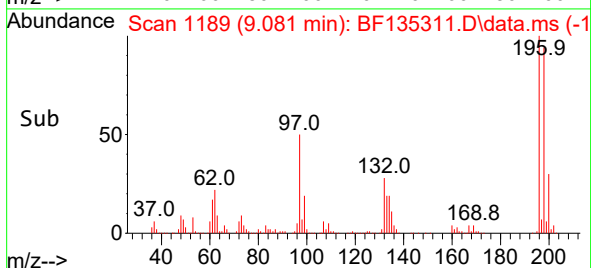
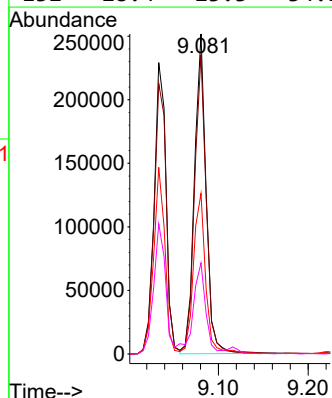
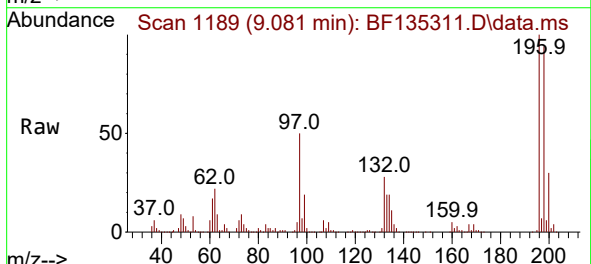
Ion Ratio Lower Upper

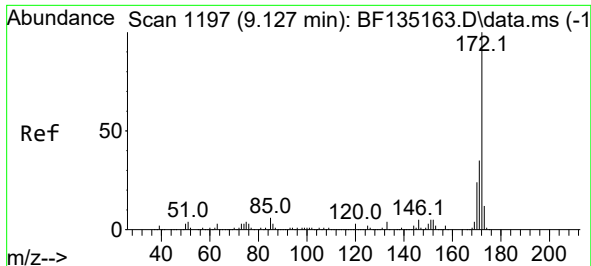
196 100

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

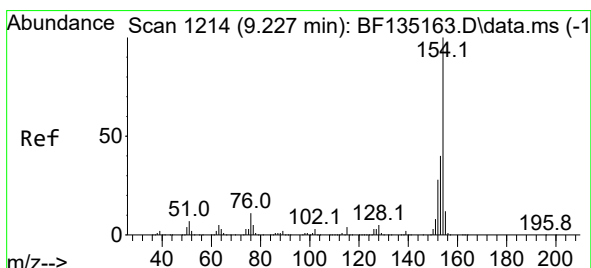
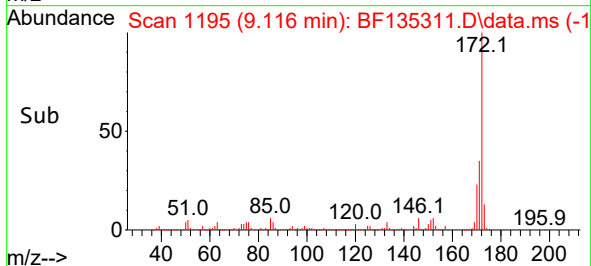
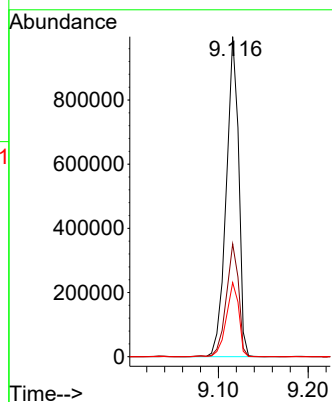
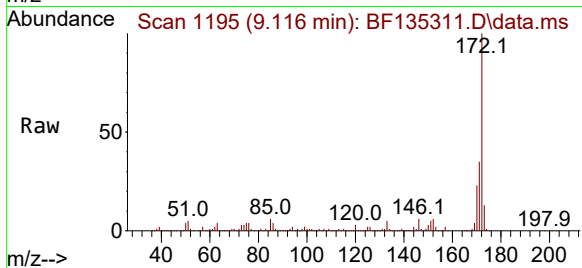
Tgt Ion:172 Resp: 957140

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 19.0 28.4



#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

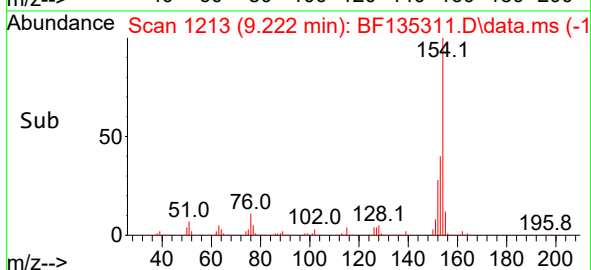
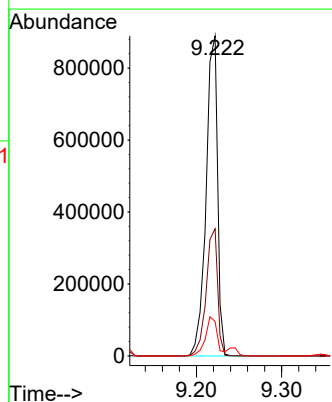
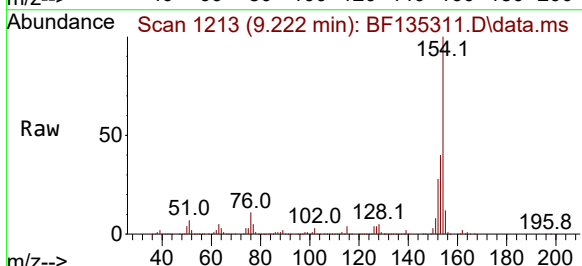
Tgt Ion:154 Resp: 831343

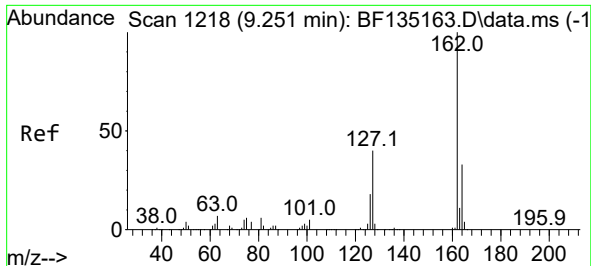
Ion Ratio Lower Upper

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

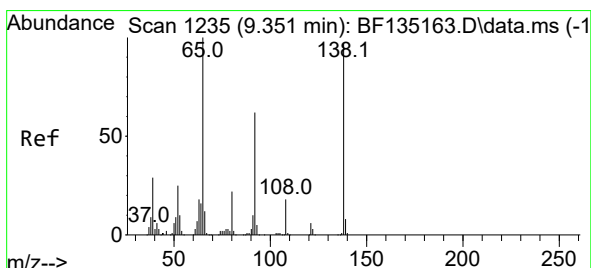
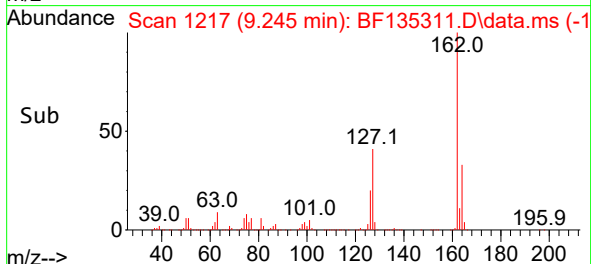
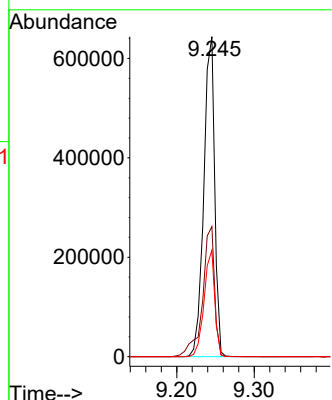
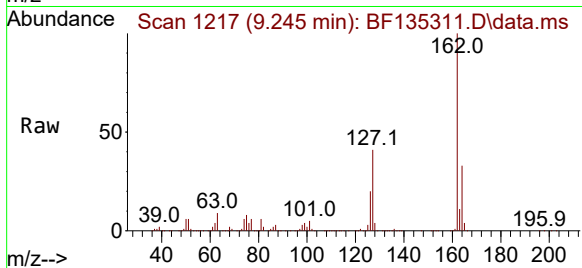
Tgt Ion:162 Resp: 627478

Ion Ratio Lower Upper

162 100

127 40.6 32.6 48.8

164 33.2 26.2 39.2



#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

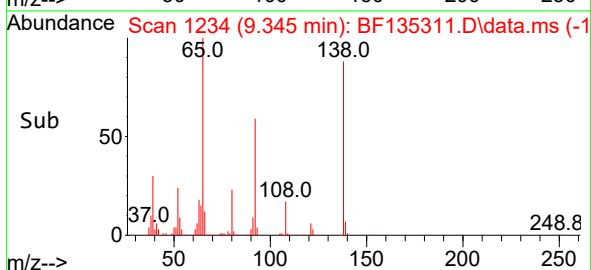
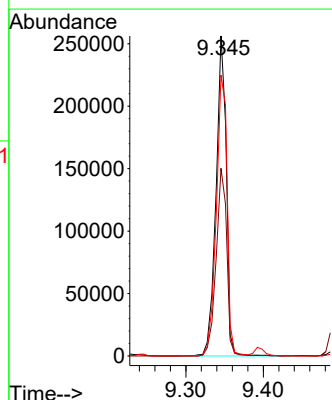
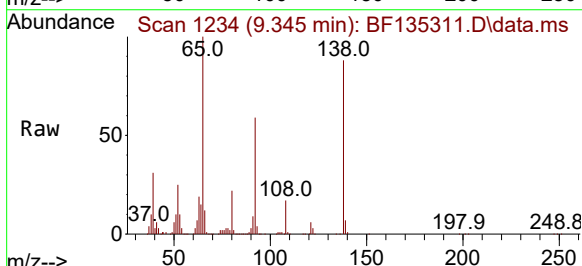
Tgt Ion: 65 Resp: 235803

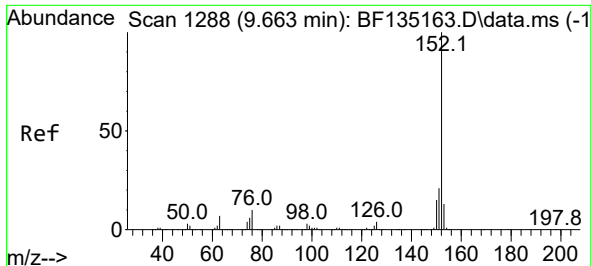
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

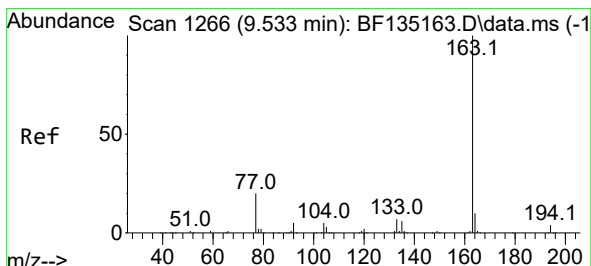
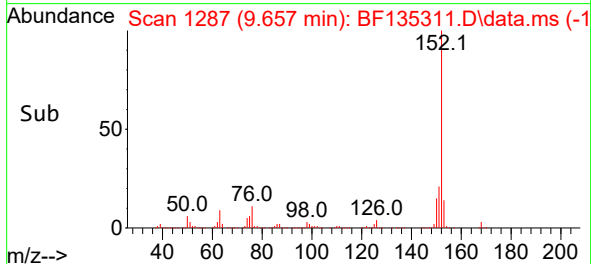
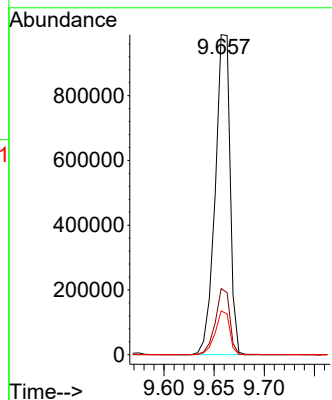
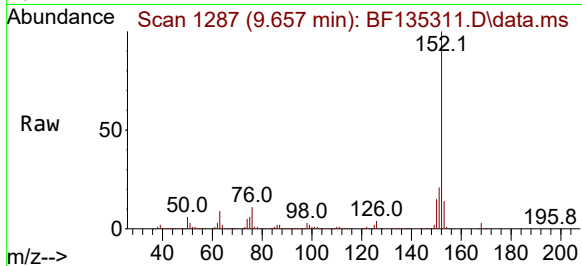
Tgt Ion:152 Resp: 1019734

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.7 10.4 15.6



#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

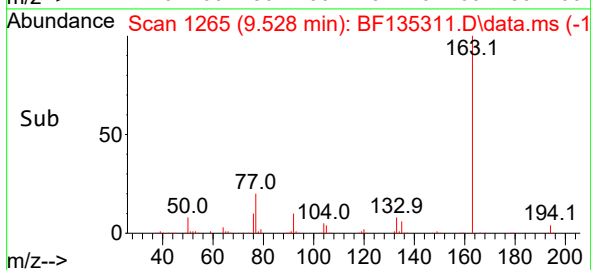
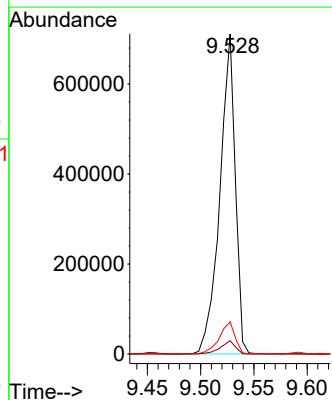
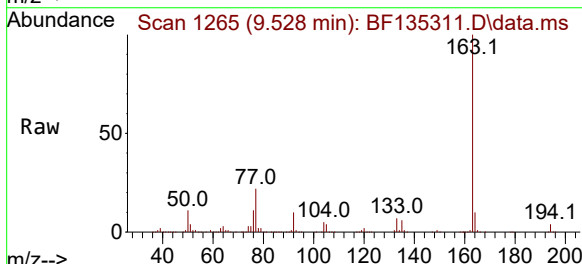
Tgt Ion:163 Resp: 715113

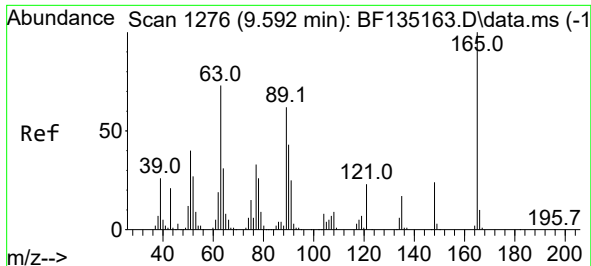
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.000 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

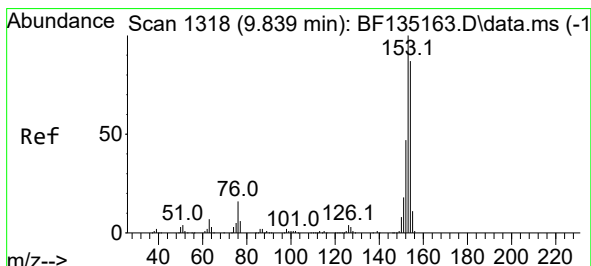
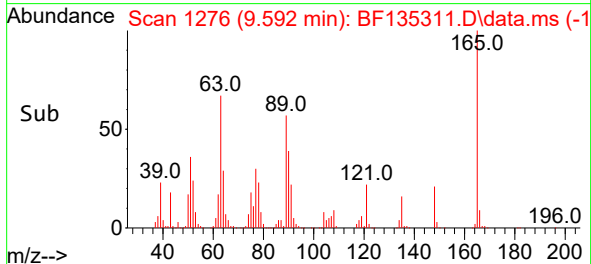
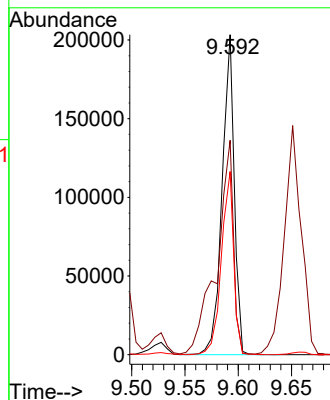
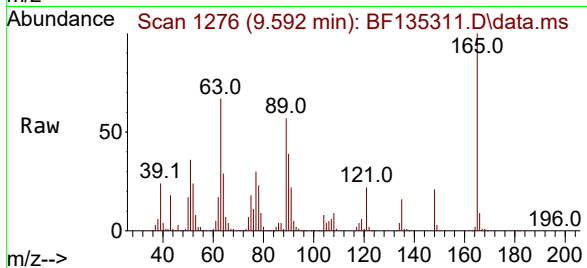
Tgt Ion:165 Resp: 160301

Ion Ratio Lower Upper

165 100

63 67.0 59.4 89.2

89 57.2 49.8 74.8



#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

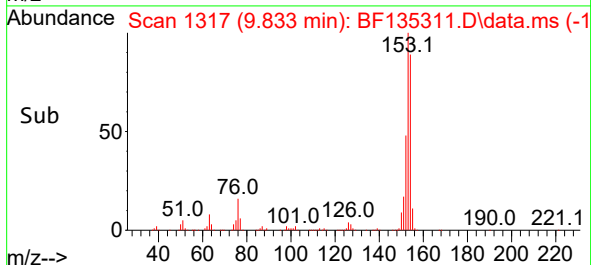
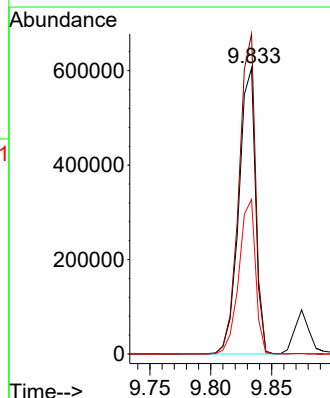
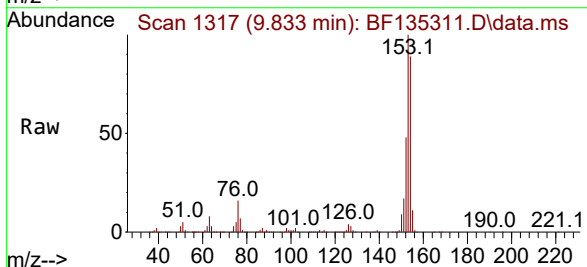
Tgt Ion:154 Resp: 580575

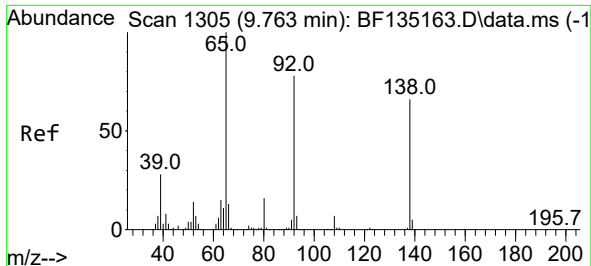
Ion Ratio Lower Upper

154 100

153 112.0 92.1 138.1

152 54.1 43.1 64.7

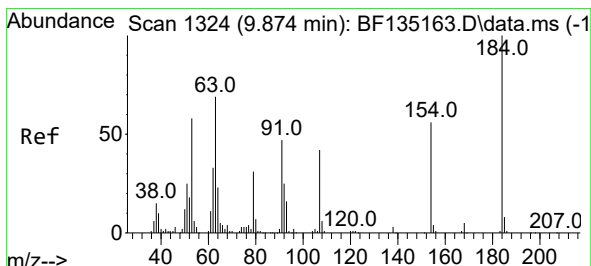
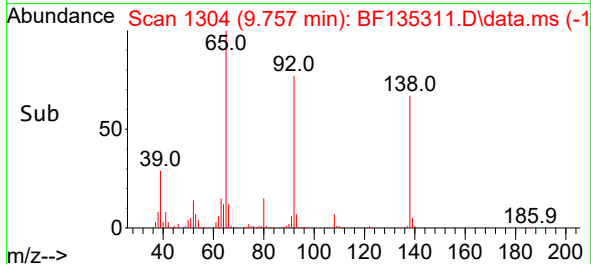
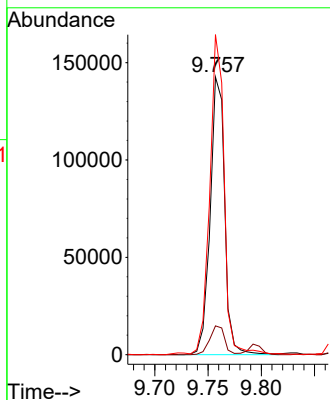
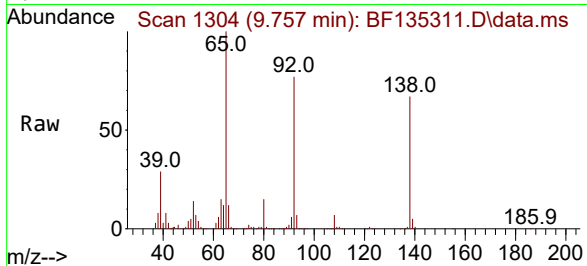




#53
3-Nitroaniline
Concen: 37.200 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

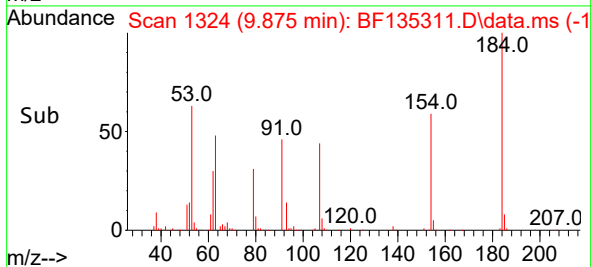
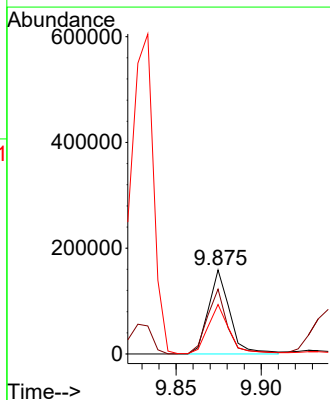
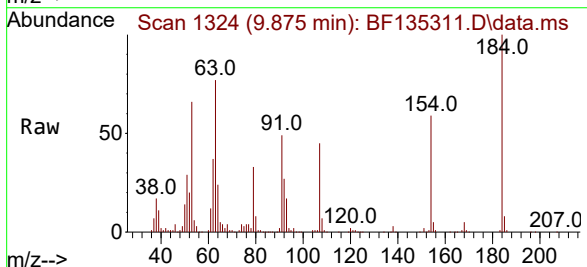
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

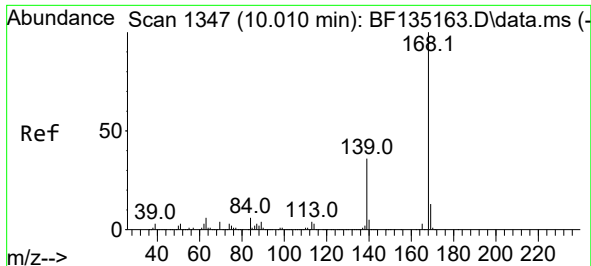
Tgt Ion:138 Resp: 135549
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 115.3 95.4 143.0



#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

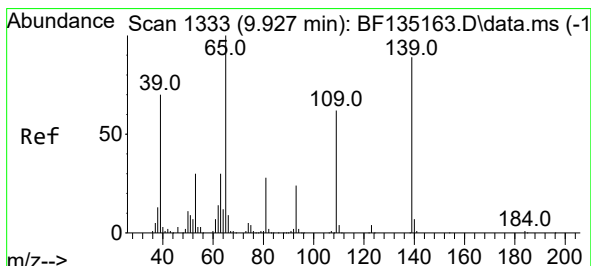
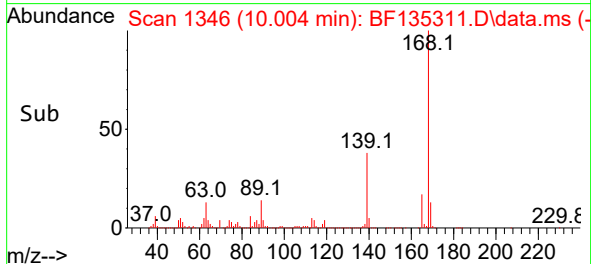
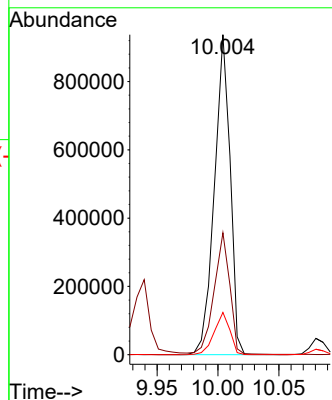
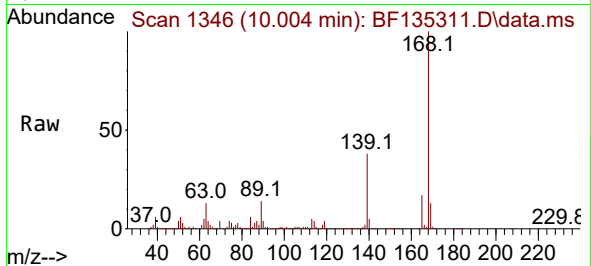




#55
Dibenzenofuran
Concen: 48.126 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

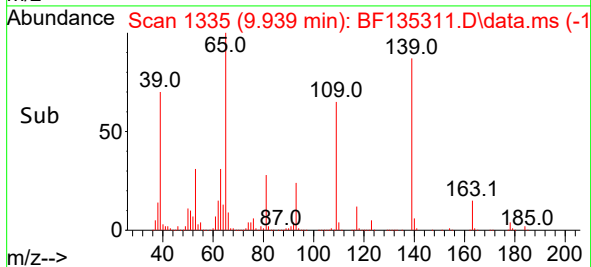
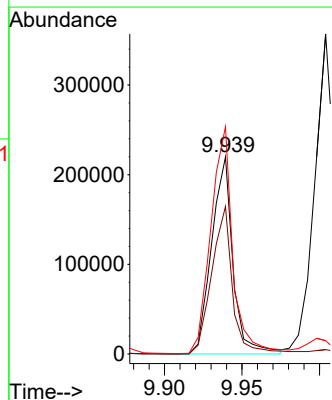
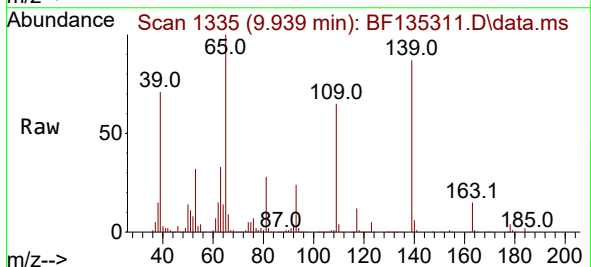
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

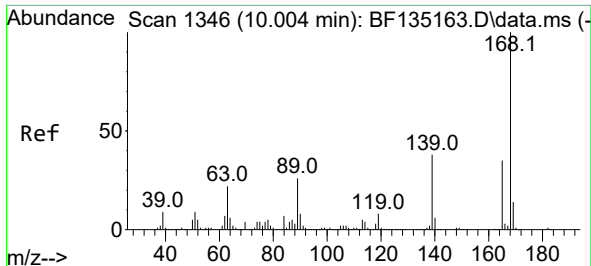
Tgt Ion:168 Resp: 842567
Ion Ratio Lower Upper
168 100
139 38.1 29.0 43.6
169 13.2 10.4 15.6



#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

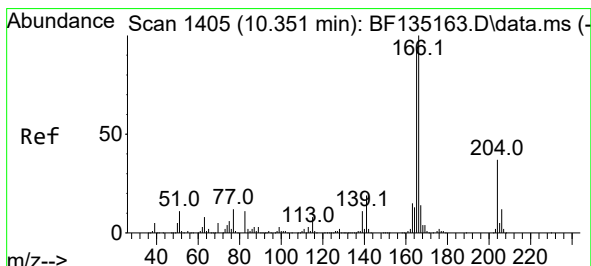
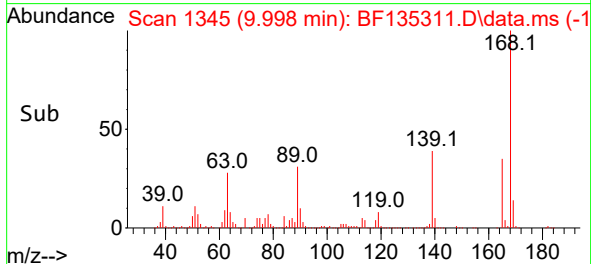
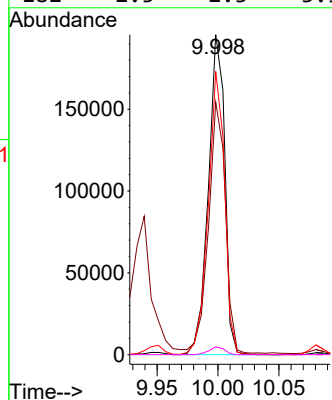
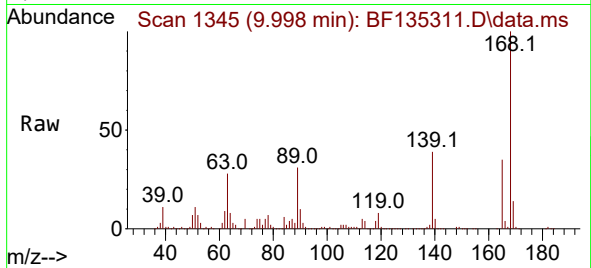




#57
2,4-Dinitrotoluene
Concen: 47.221 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

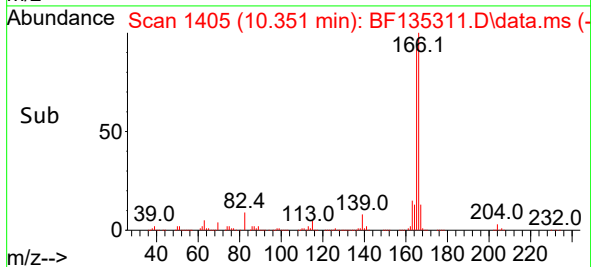
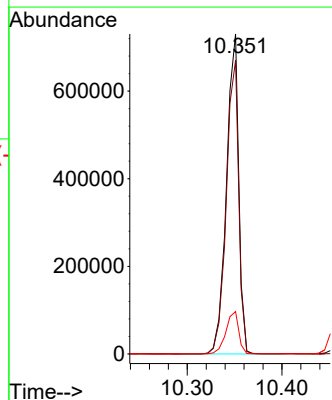
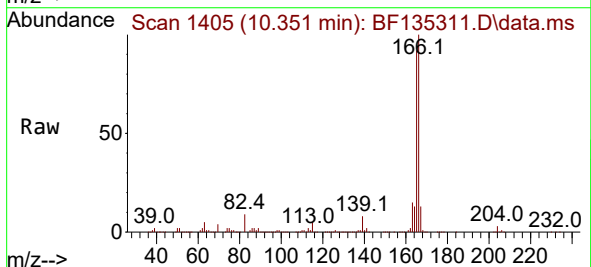
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

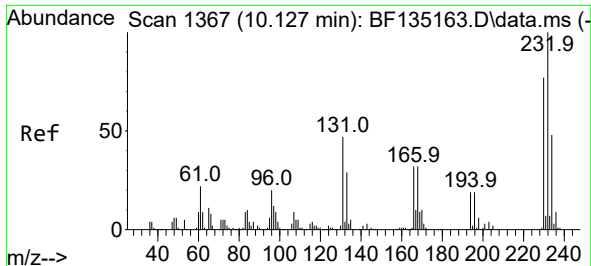
Tgt Ion:165 Resp: 183507
Ion Ratio Lower Upper
165 100
63 78.9 50.1 75.1#
89 88.5 59.3 88.9
182 2.5 2.3 3.5



#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

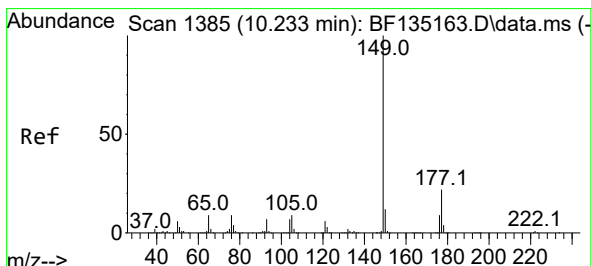
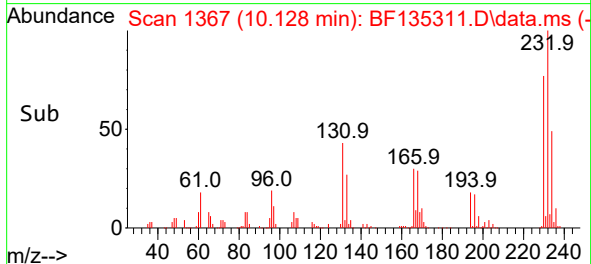
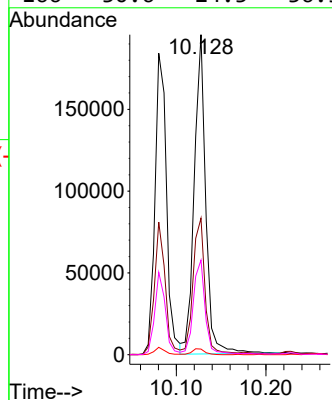
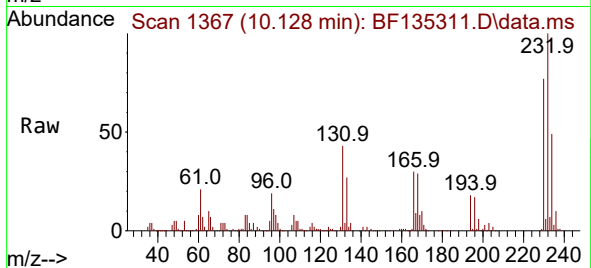




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.515 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

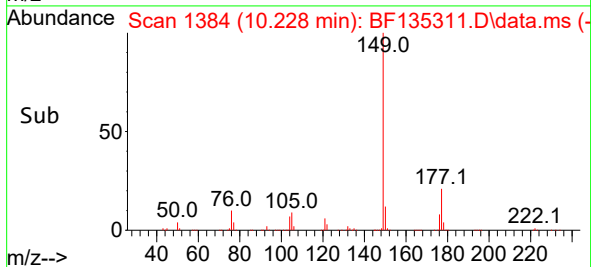
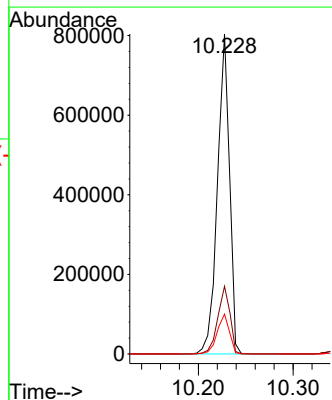
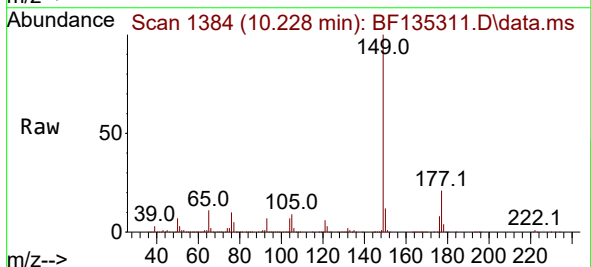
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

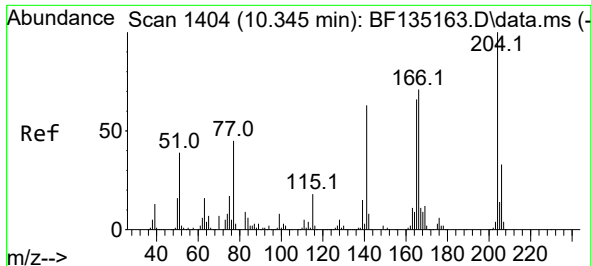
Tgt Ion:232 Resp: 174380
Ion Ratio Lower Upper
232 100
131 43.1 35.4 53.2
130 2.0 1.8 2.8
166 30.6 24.3 36.5



#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

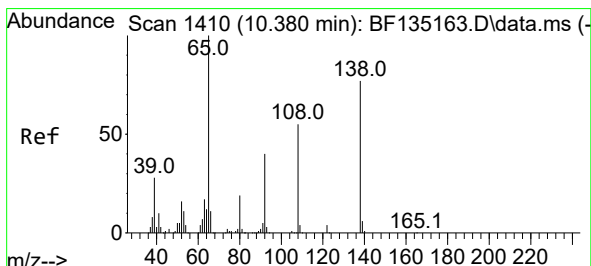
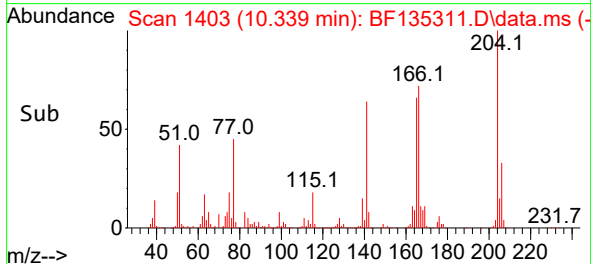
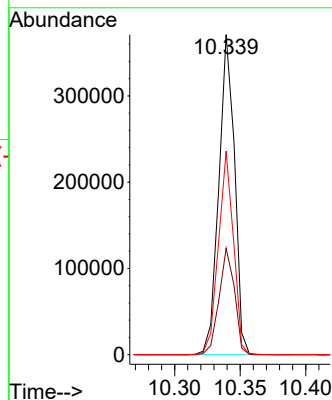
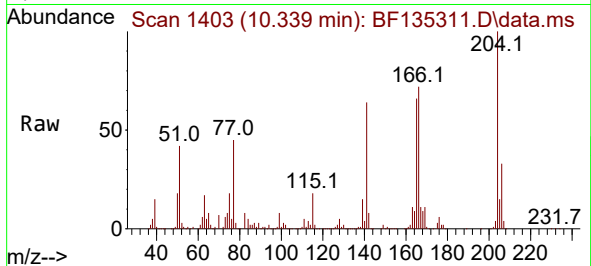




#61
4-Chlorophenyl-phenylether
Concen: 47.580 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

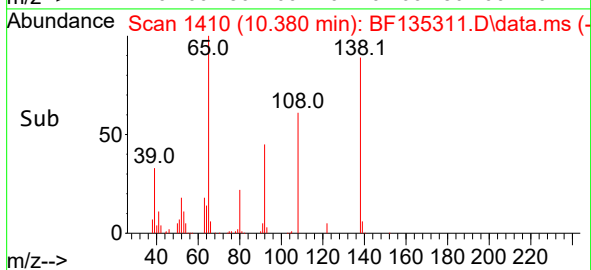
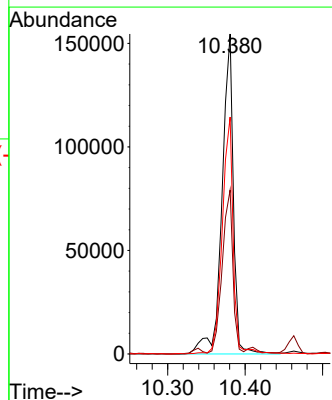
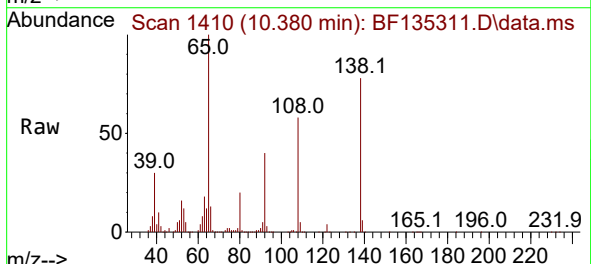
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

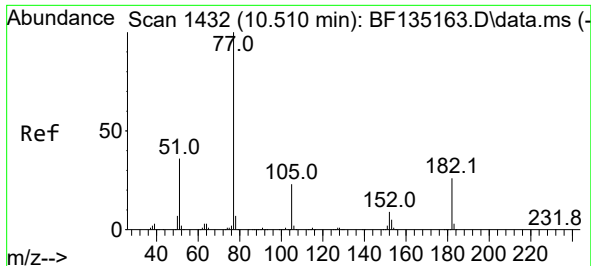
Tgt Ion:204 Resp: 307623
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 63.6 50.6 75.8



#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



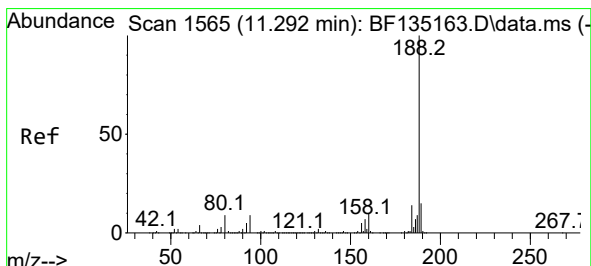
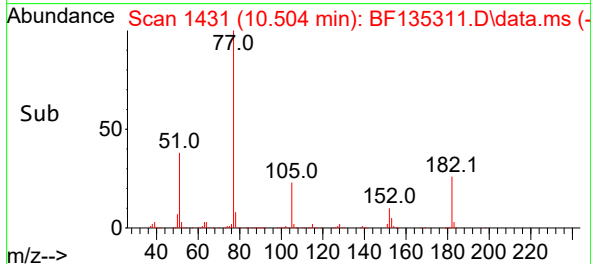
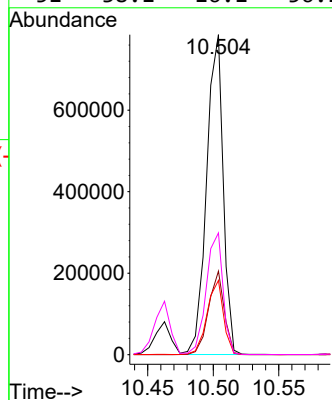
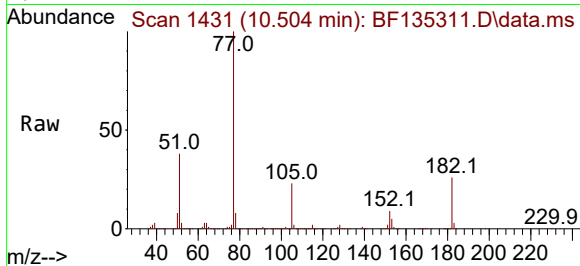


#63
Azobenzene
Concen: 49.847 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

Tgt Ion: 77 Resp: 693767

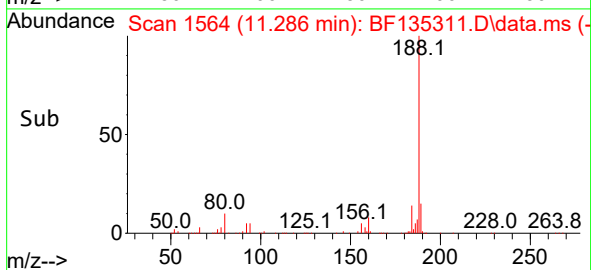
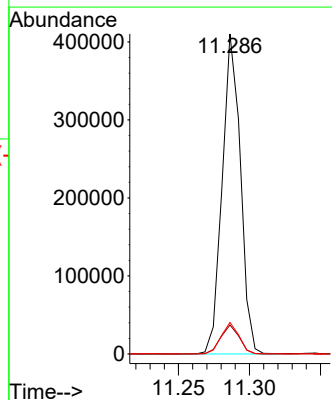
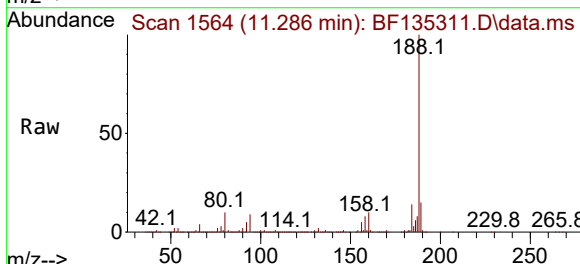
Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.4	46.4
105	23.2	3.1	43.1
51	38.1	16.1	56.1

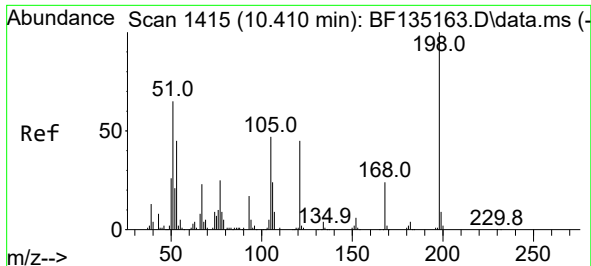


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

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

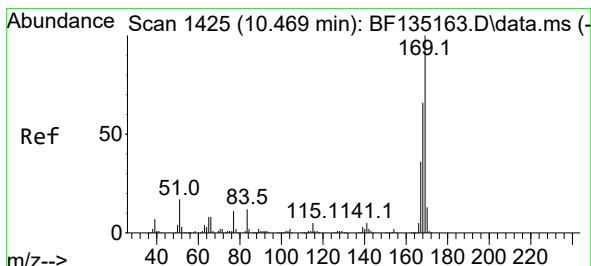
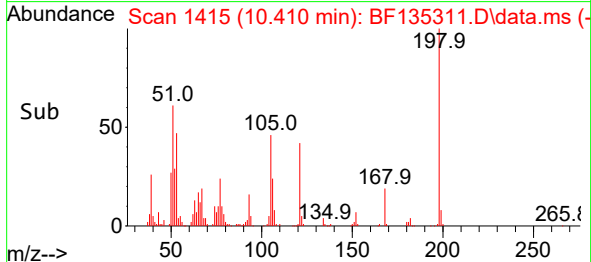
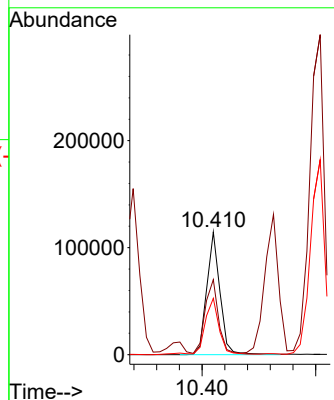
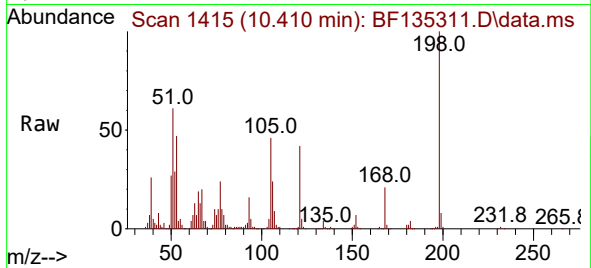




#65
4,6-Dinitro-2-methylphenol
Concen: 47.667 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

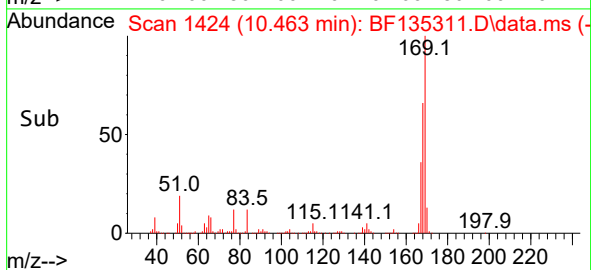
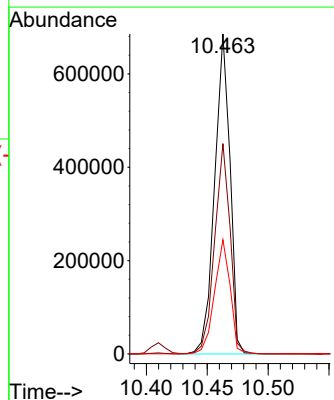
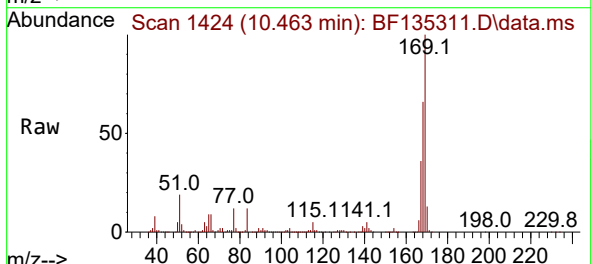
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

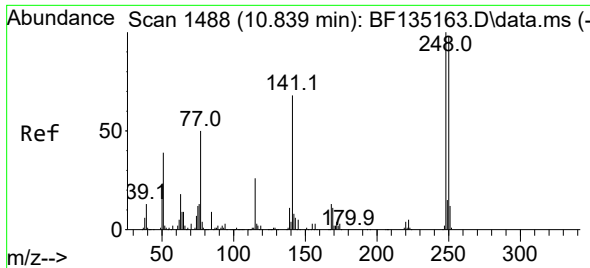
Tgt Ion:198 Resp: 92481
Ion Ratio Lower Upper
198 100
51 61.1 47.7 87.7
105 45.9 27.4 67.4



#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

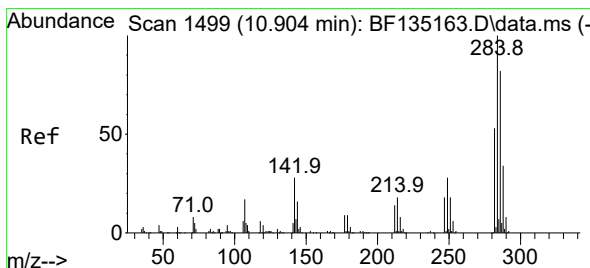
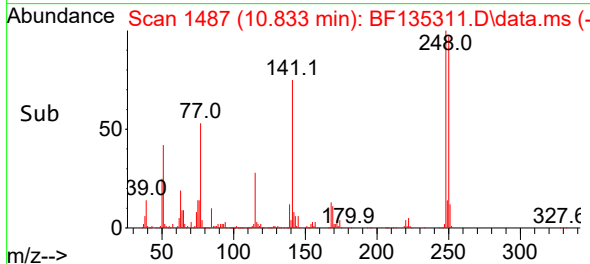
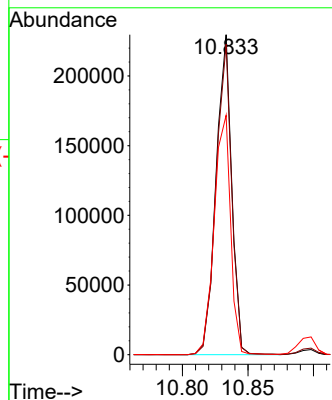
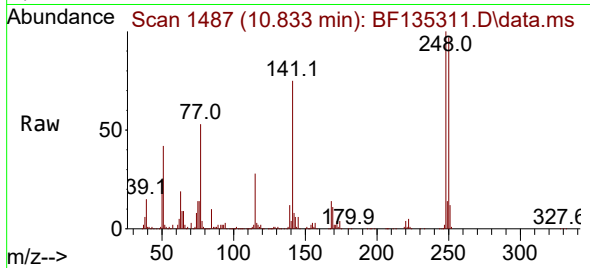




#67
4-Bromophenyl-phenylether
Concen: 52.668 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

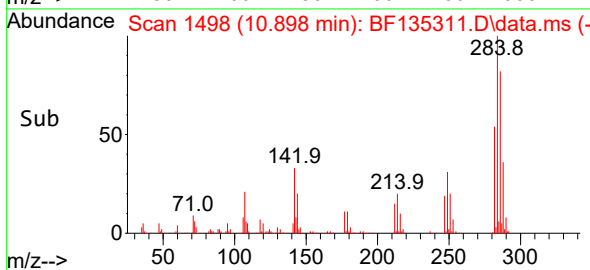
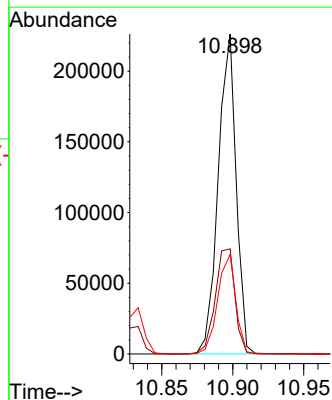
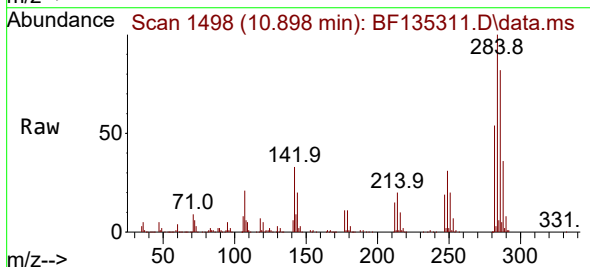
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

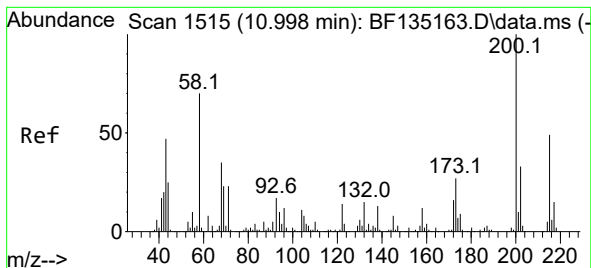
Tgt Ion:248 Resp: 191346
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 74.8 54.2 81.2



#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

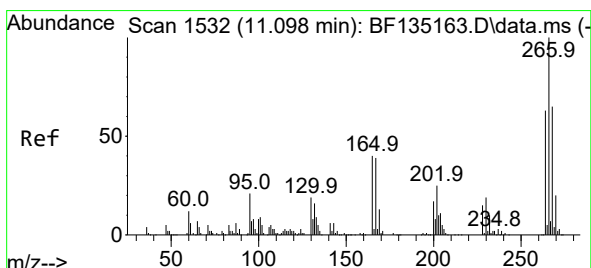
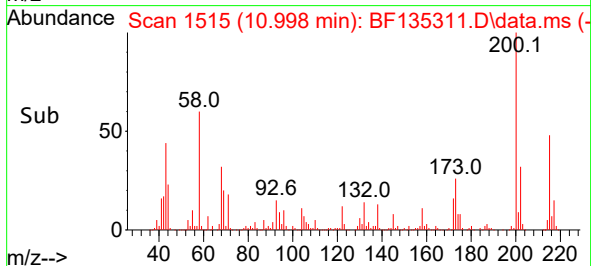
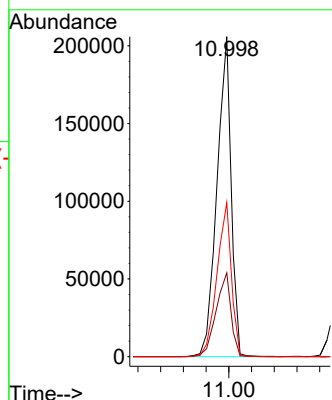
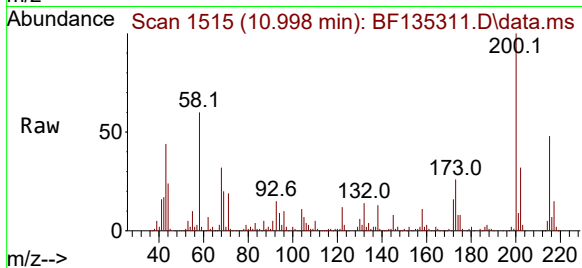
Tgt Ion:200 Resp: 178953

Ion Ratio Lower Upper

200 100

173 26.2 7.4 47.4

215 48.2 28.6 68.6



#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

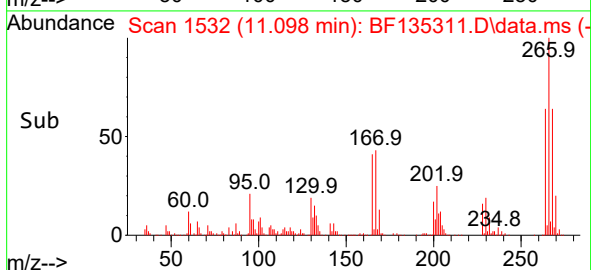
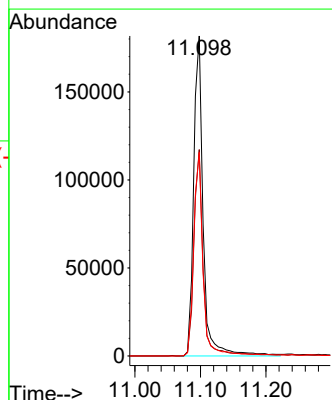
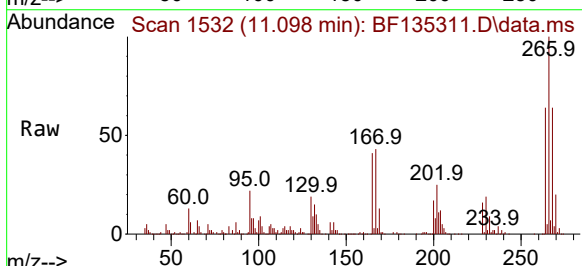
Tgt Ion:266 Resp: 183729

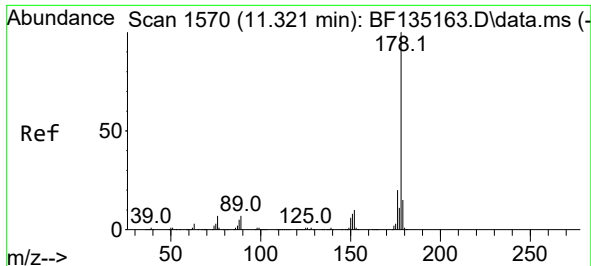
Ion Ratio Lower Upper

266 100

268 64.5 52.1 78.1

264 63.6 50.8 76.2

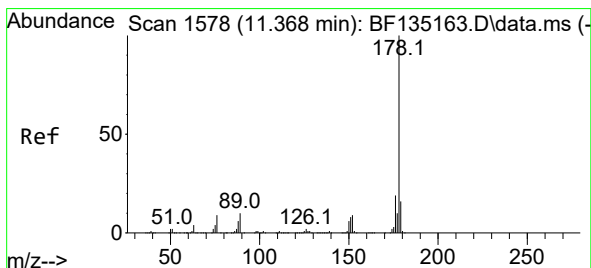
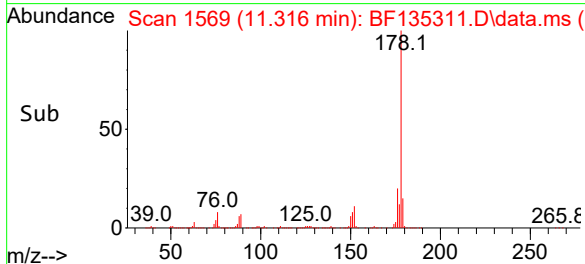
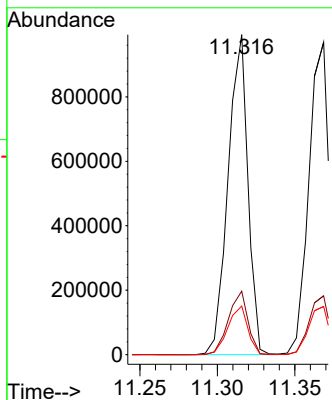
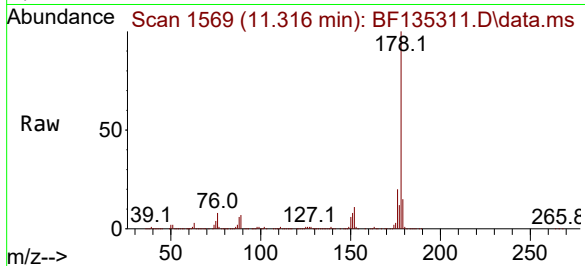




#71
Phenanthrene
Concen: 51.122 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

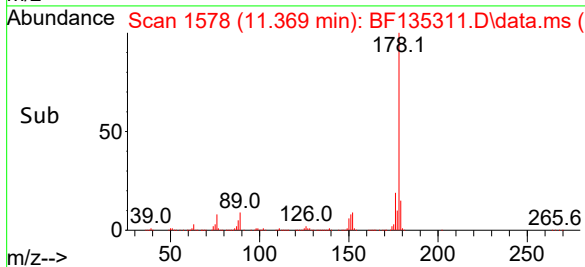
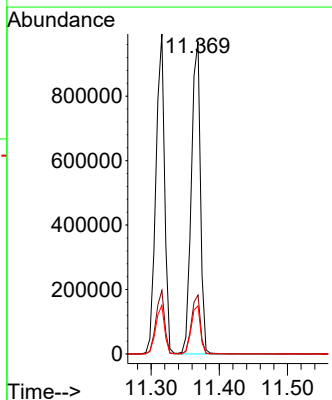
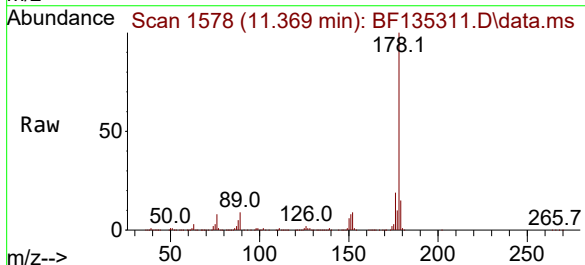
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

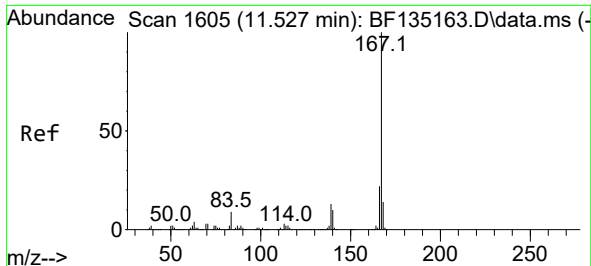
Tgt Ion:178 Resp: 883211
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.2 12.0 18.0



#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

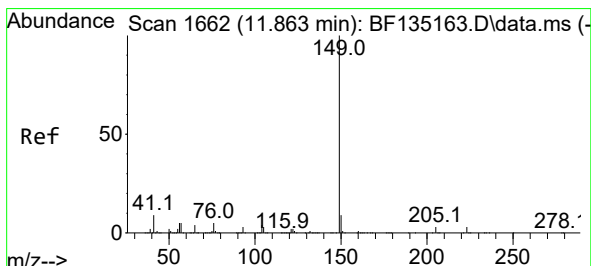
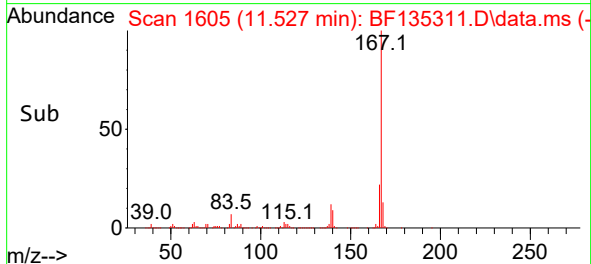
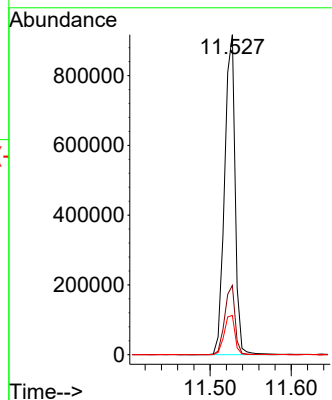
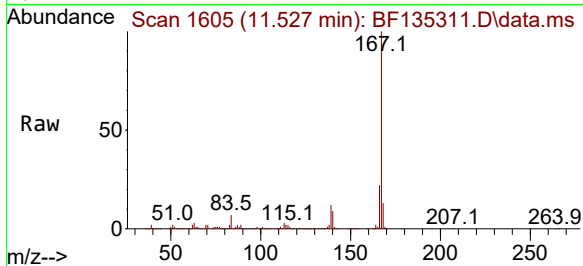




#73
 Carbazole
 Concen: 51.310 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

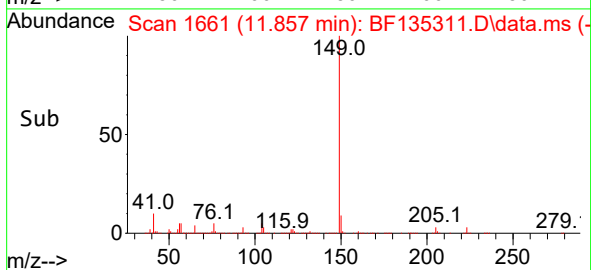
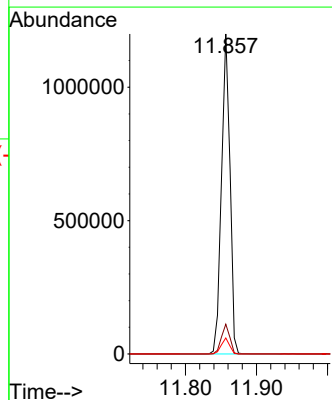
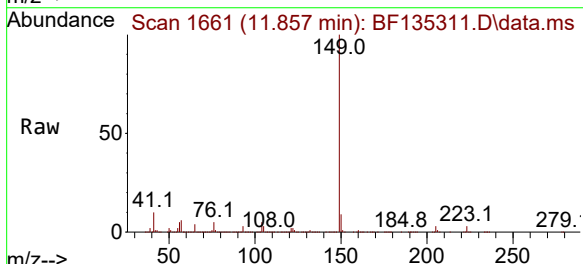
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMSD

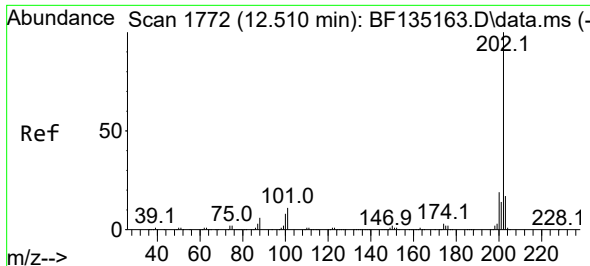
Tgt Ion:167 Resp: 829479
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.3 10.6 15.8



#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

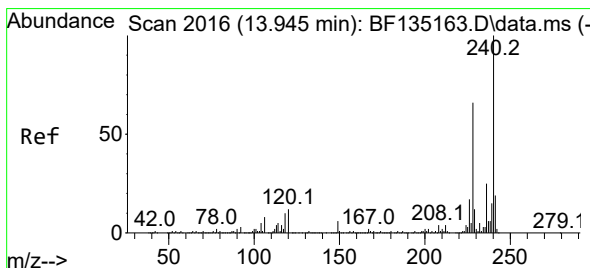
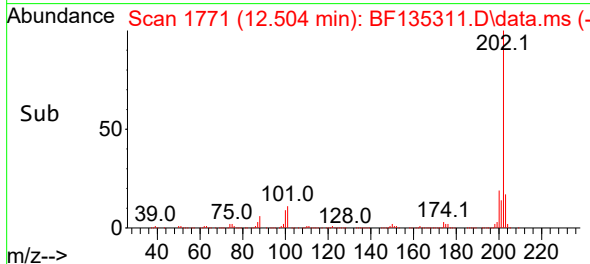
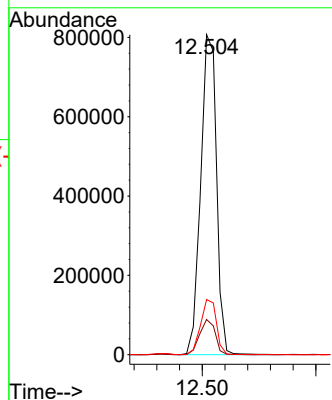
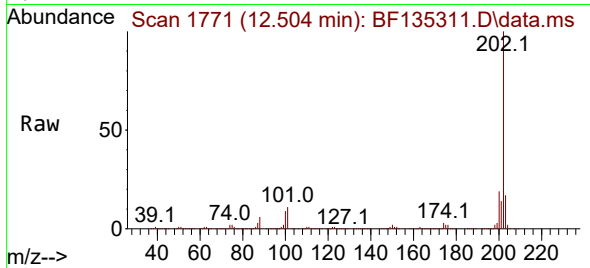




#75
Fluoranthene
Concen: 43.213 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

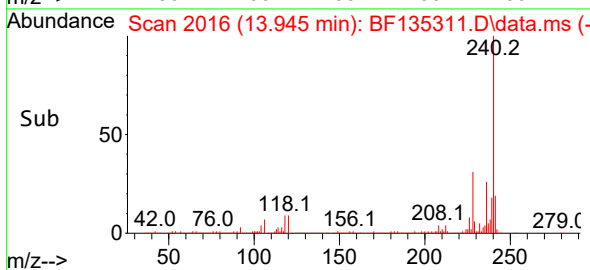
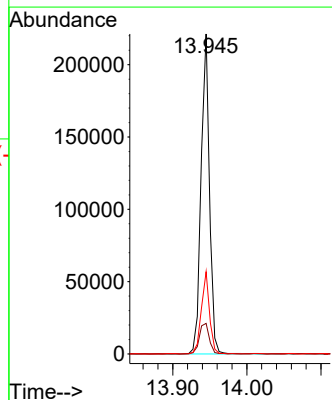
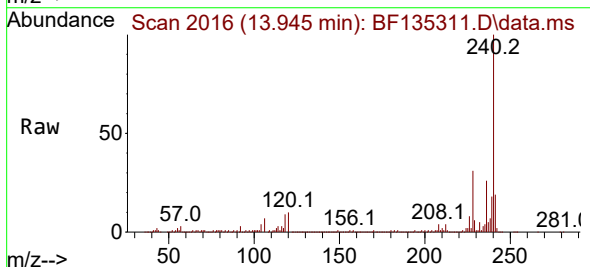
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

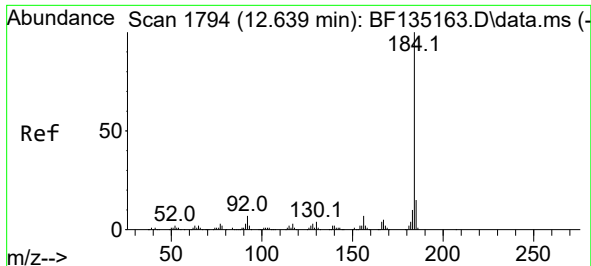
Tgt Ion:202 Resp: 777919
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.3 0.0 37.4



#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

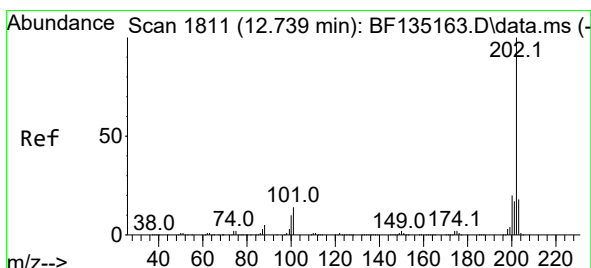
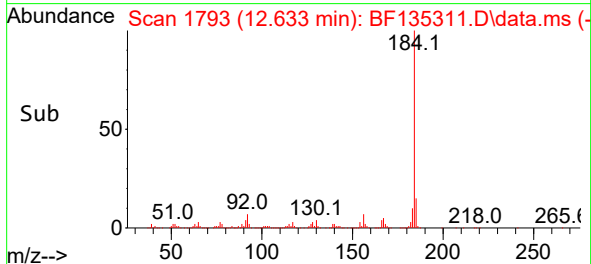
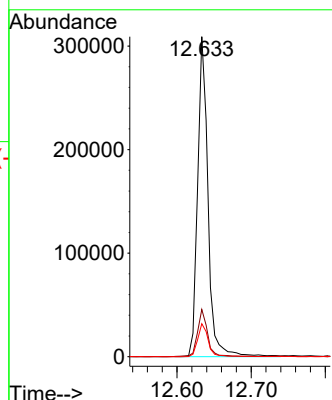
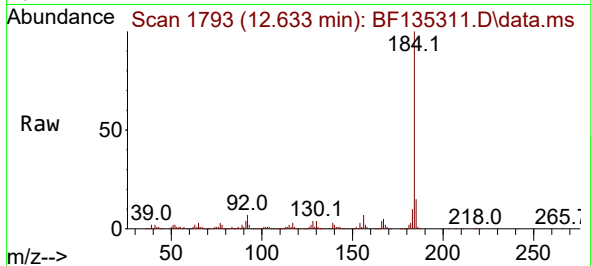




#77
Benzidine
Concen: 84.288 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

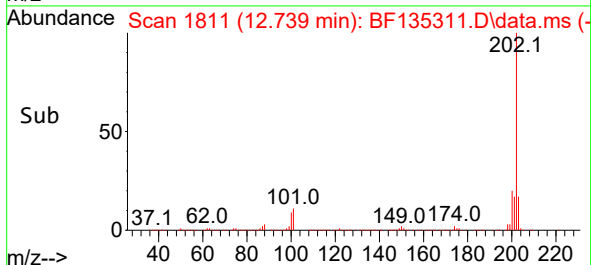
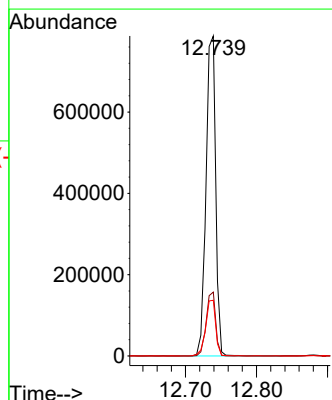
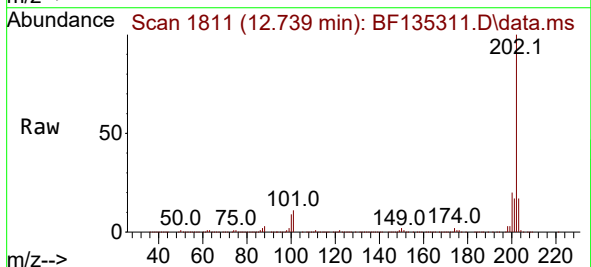
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

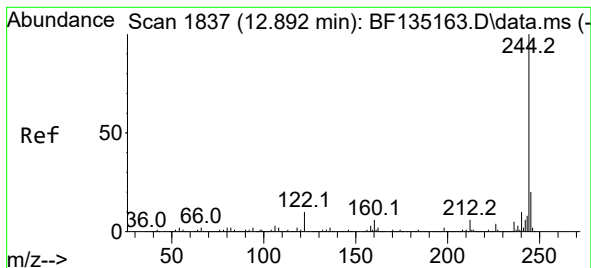
Tgt Ion:184 Resp: 299906
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.3 8.2 12.4



#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# 11

Delta R.T. -0.012 min

Lab File: BF135311.D

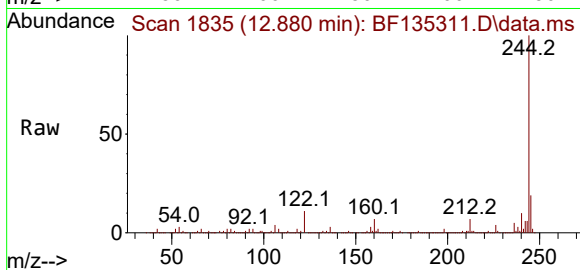
Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD



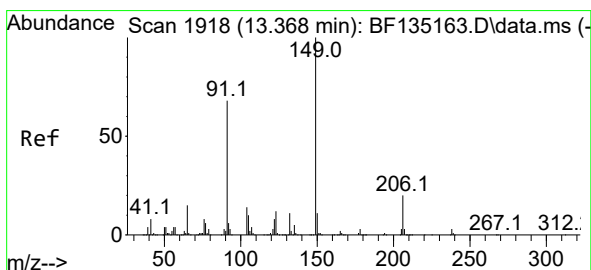
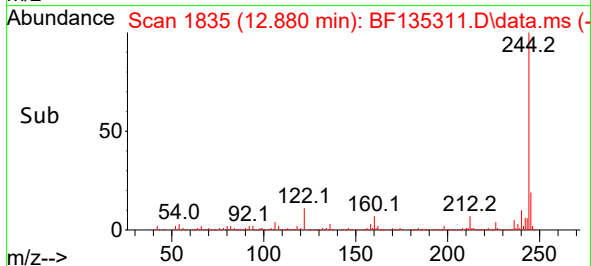
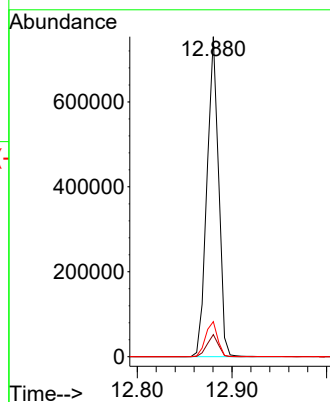
Tgt Ion:244 Resp: 640600

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.0 7.9 11.9



#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

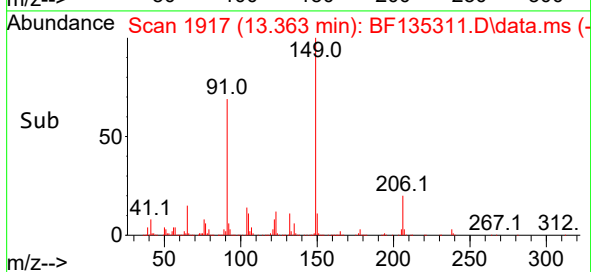
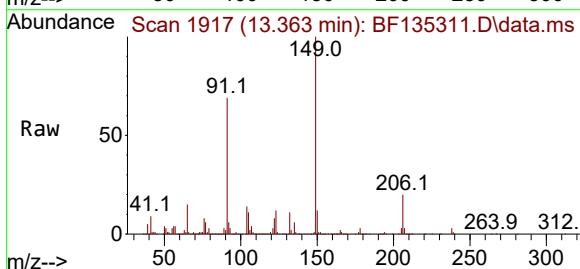
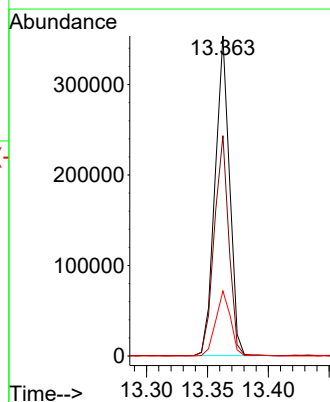
Tgt Ion:149 Resp: 293690

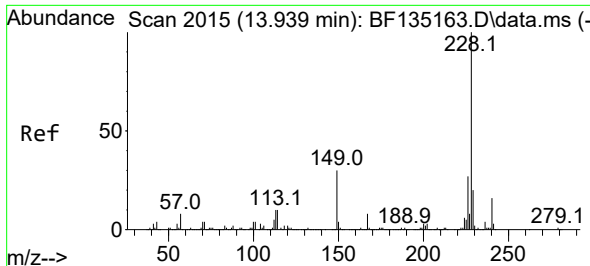
Ion Ratio Lower Upper

149 100

91 68.9 54.7 82.1

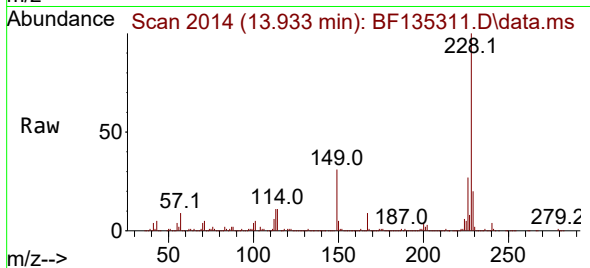
206 20.3 16.3 24.5



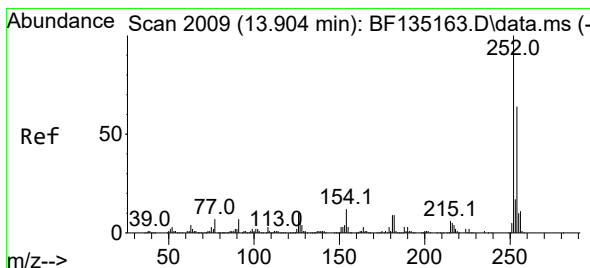
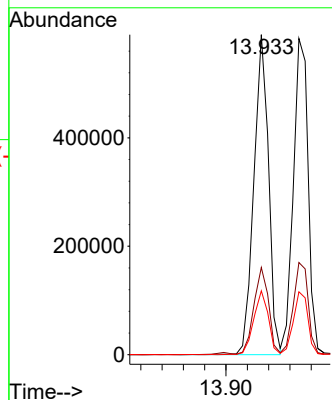
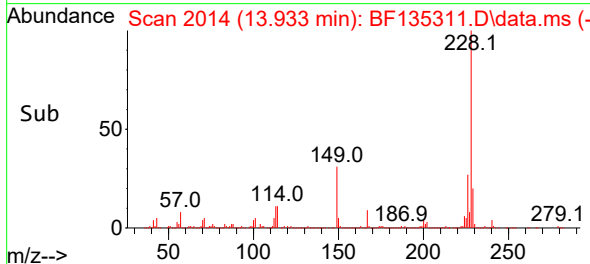


#81
Benzo(a)anthracene
Concen: 50.316 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

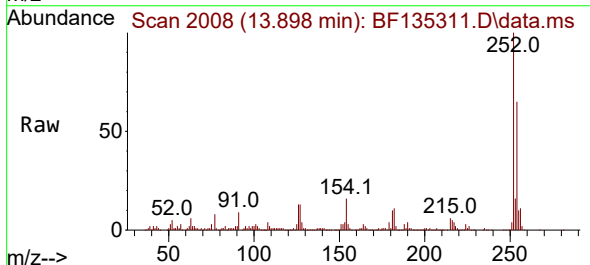
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



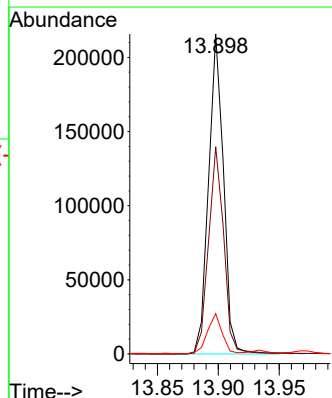
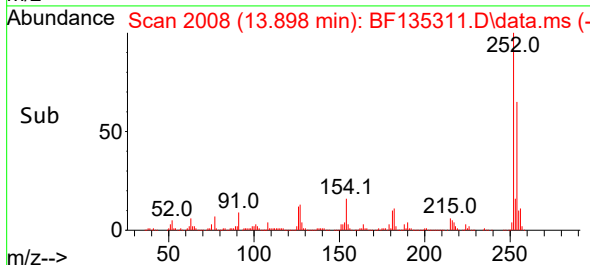
Tgt Ion:228 Resp: 564284
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.9 15.8 23.8

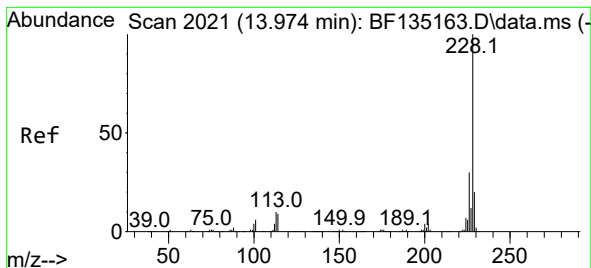


#82
3,3'-Dichlorobenzidine
Concen: 52.450 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37



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

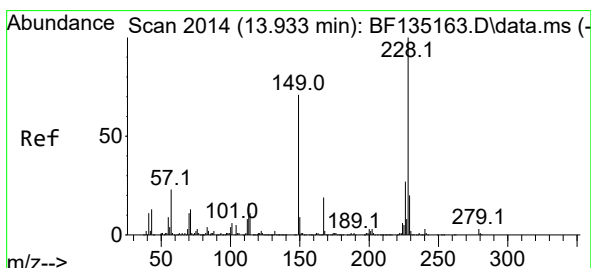
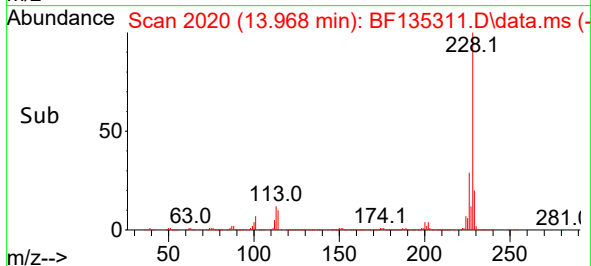
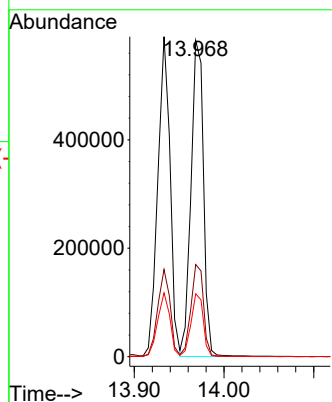
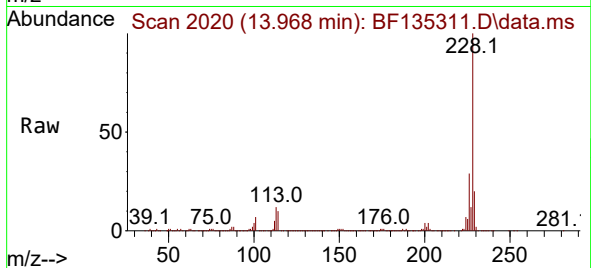
Tgt Ion:228 Resp: 563718

Ion Ratio Lower Upper

228 100

226 29.2 24.3 36.5

229 19.9 16.0 24.0



#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

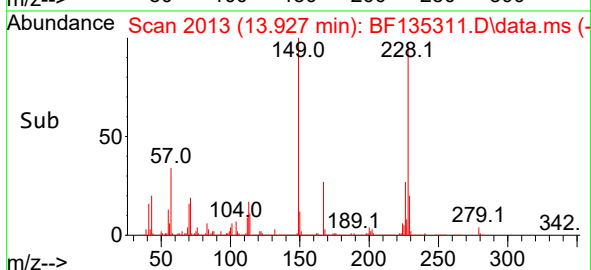
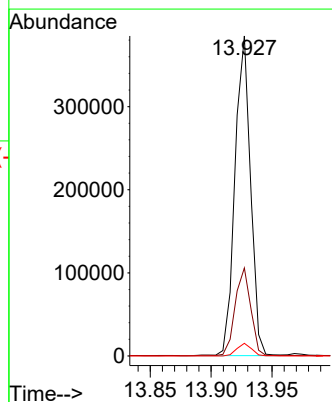
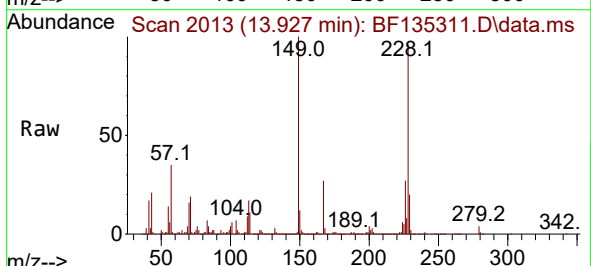
Tgt Ion:149 Resp: 342602

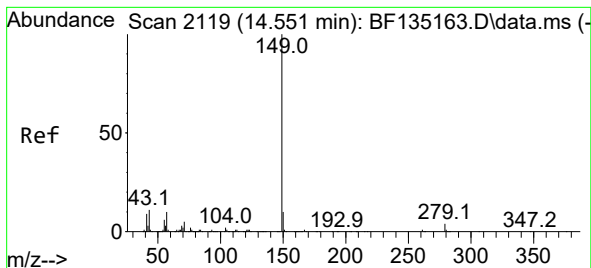
Ion Ratio Lower Upper

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# 2118

Delta R.T. -0.006 min

Lab File: BF135311.D

Acq: 18 Sep 2023 17:37

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-AMSD

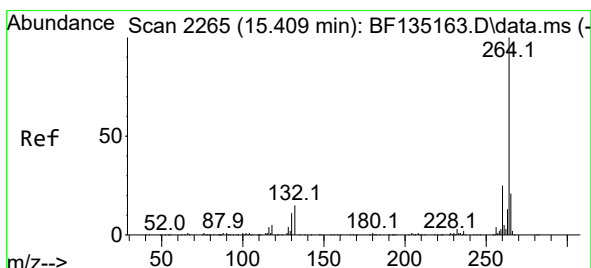
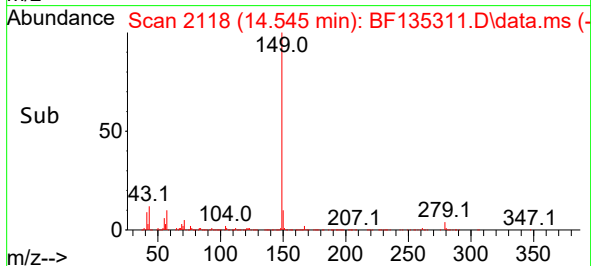
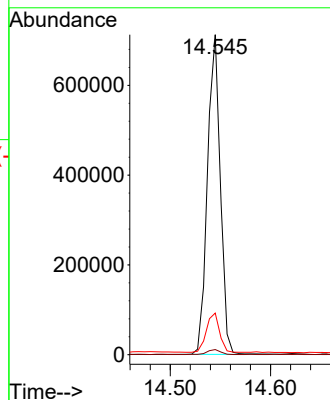
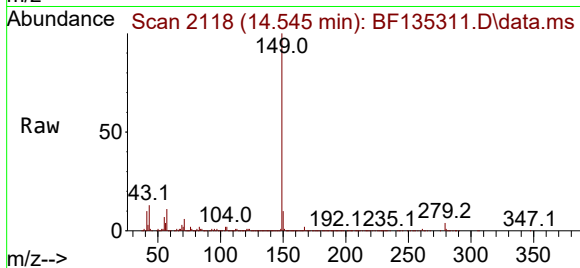
Tgt Ion:149 Resp: 637741

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.6 9.8 14.6



#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

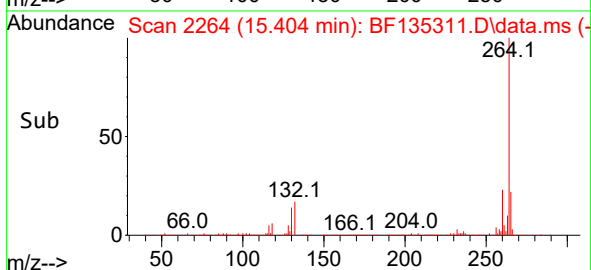
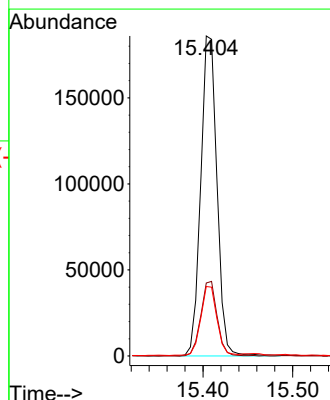
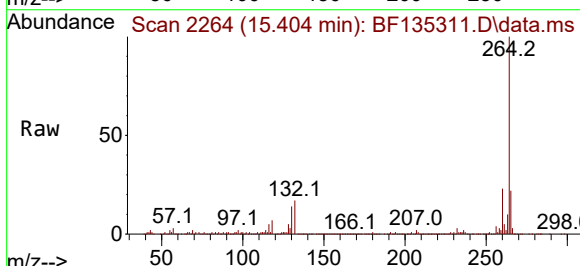
Tgt Ion:264 Resp: 234122

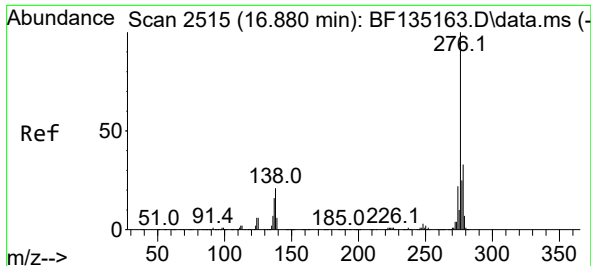
Ion Ratio Lower Upper

264 100

260 22.8 19.8 29.6

265 21.7 17.0 25.4

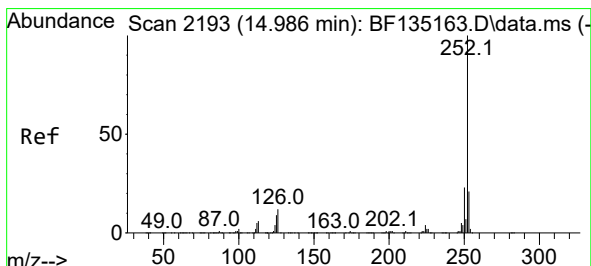
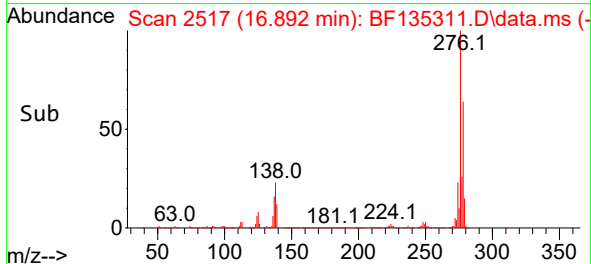
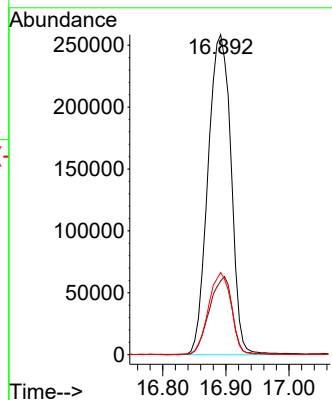
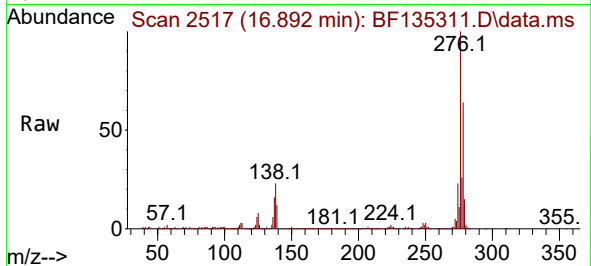




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.648 ng
 RT: 16.892 min Scan# 2117
 Delta R.T. 0.012 min
 Lab File: BF135311.D
 Acq: 18 Sep 2023 17:37

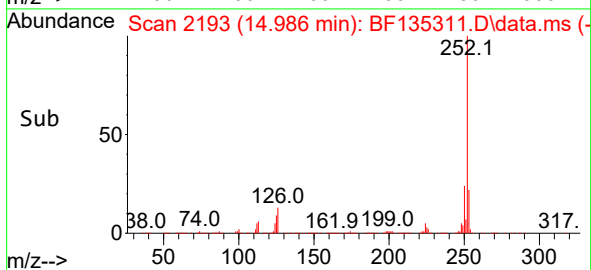
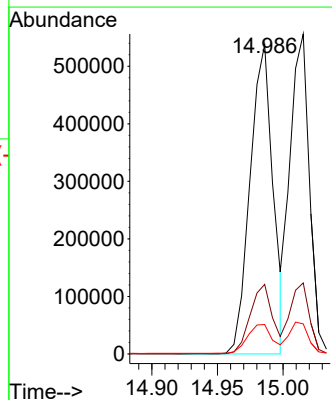
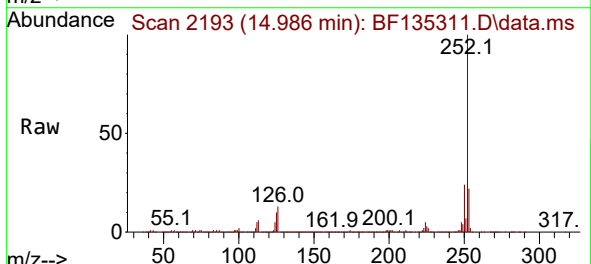
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-AMSD

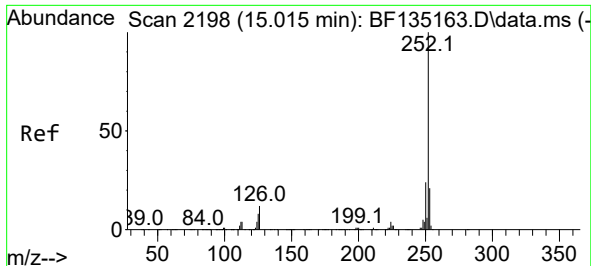
Tgt Ion:276 Resp: 654667
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.2 28.8
 277 25.5 19.7 29.5



#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

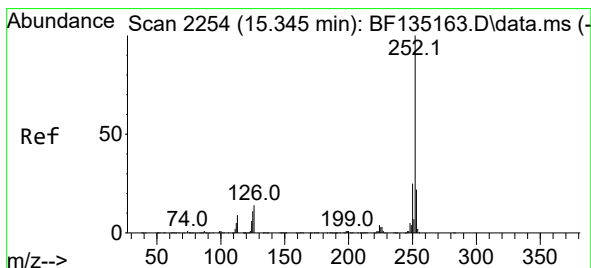
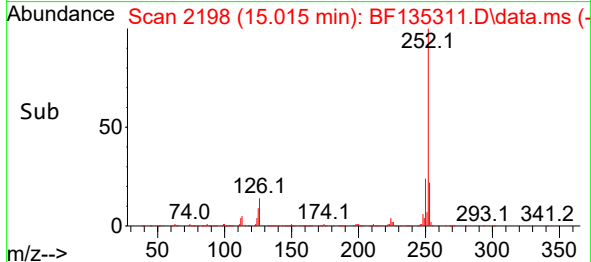
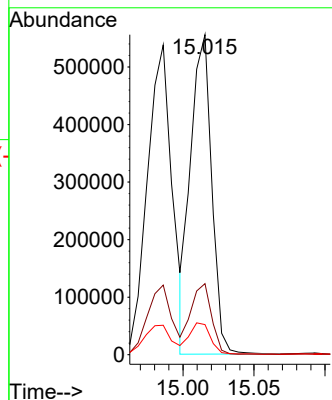
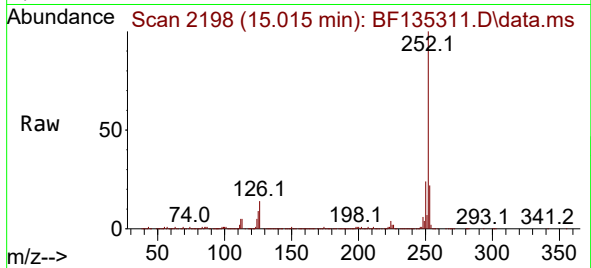




#89
Benzo(k)fluoranthene
Concen: 45.770 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

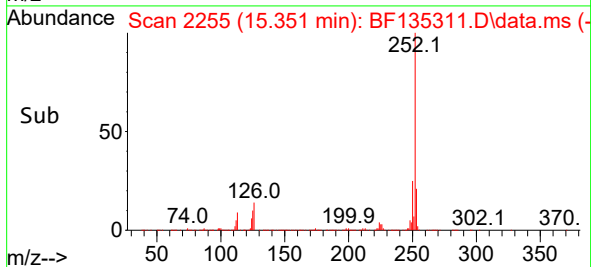
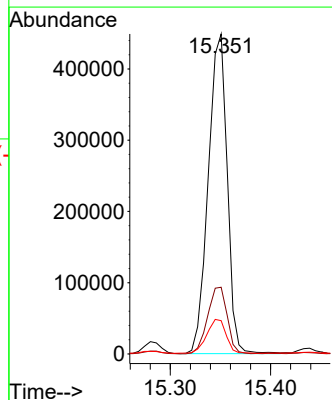
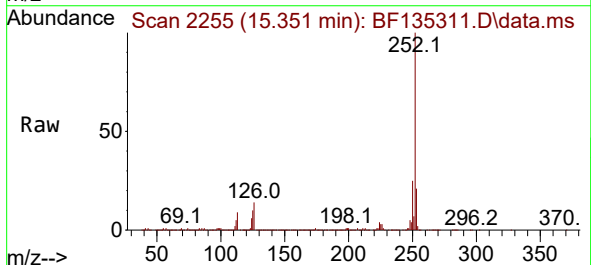
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD

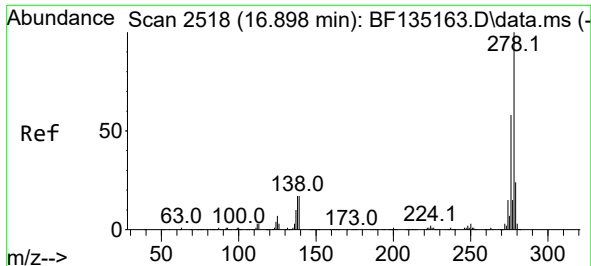
Tgt Ion:252 Resp: 573016
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.4 7.2 10.8



#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

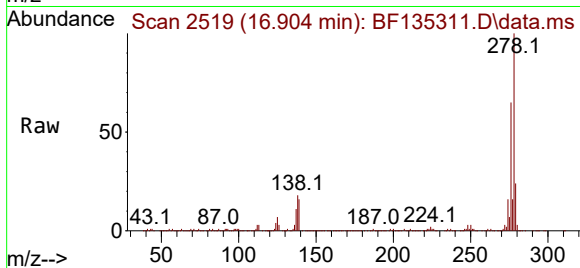
Tgt Ion:252 Resp: 590471
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 10.4 9.2 13.8



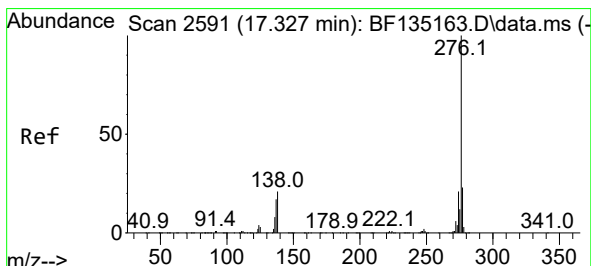
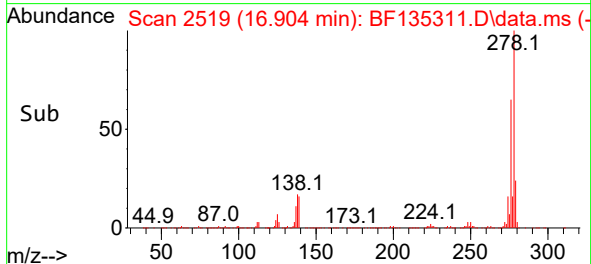
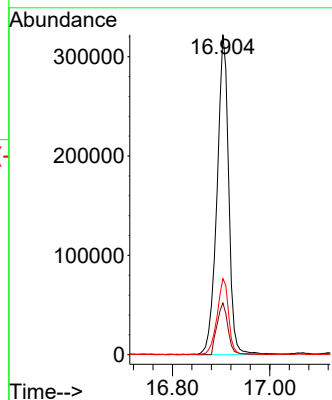


#91
Dibenzo(a,h)anthracene
Concen: 42.753 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135311.D
Acq: 18 Sep 2023 17:37

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-AMSD



Tgt Ion: 278 Resp: 536977
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 23.8 19.0 28.6



#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

