

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137665.D
 Acq On : 21 Mar 2024 17:26
 Operator : CG\JU
 Sample : P1803-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMSD

Quant Time: Mar 21 17:51:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	135306	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	522520	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	278590	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	431038	20.000	ng	0.00
76) Chrysene-d12	13.880	240	274642	20.000	ng	0.00
86) Perylene-d12	15.298	264	293003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1149874	128.710	ng	0.02
7) Phenol-d6	6.369	99	1413755	109.630	ng	0.00
23) Nitrobenzene-d5	7.292	82	1020864	90.778	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	361747	147.863	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1678980	94.340	ng	0.00
79) Terphenyl-d14	12.827	244	1521942	76.202	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	196005	40.125	ng	# 82
3) Pyridine	3.210	79	313334	26.596	ng	96
4) n-Nitrosodimethylamine	3.140	42	188876	40.245	ng	95
6) Aniline	6.404	93	84948	5.391	ng	# 68
8) 2-Chlorophenol	6.516	128	448920	47.642	ng	97
9) Benzaldehyde	6.287	77	38817	6.144	ng	91
10) Phenol	6.381	94	511703	36.866	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	459157	45.143	ng	98
12) 1,3-Dichlorobenzene	6.669	146	485353	48.203	ng	95
13) 1,4-Dichlorobenzene	6.745	146	486604	47.233	ng	99
14) 1,2-Dichlorobenzene	6.898	146	472360	49.954	ng	97
15) Benzyl Alcohol	6.875	79	367909	45.827	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	688146	39.360	ng	92
17) 2-Methylphenol	6.992	107	352250	39.950	ng	96
18) Hexachloroethane	7.234	117	169115	49.854	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	337506	42.383	ng	97
20) 3+4-Methylphenols	7.145	107	426248	42.210	ng	96
22) Acetophenone	7.140	105	611335	48.355	ng	# 94
24) Nitrobenzene	7.316	77	506142	44.804	ng	93
25) Isophorone	7.551	82	946059	44.281	ng	98
26) 2-Nitrophenol	7.628	139	224631	50.085	ng	97
27) 2,4-Dimethylphenol	7.669	122	314082	37.478	ng	100
28) bis(2-Chloroethoxy)met...	7.763	93	576276	45.972	ng	98
29) 2,4-Dichlorophenol	7.869	162	371763	48.335	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	396070	48.934	ng	99
31) Naphthalene	8.028	128	1301100	46.410	ng	99
32) Benzoic acid	7.810	122	187265	40.009	ng	96
33) 4-Chloroaniline	8.092	127	33412	3.039	ng	96
34) Hexachlorobutadiene	8.145	225	231000	48.342	ng	98
35) Caprolactam	8.451	113	72839	27.929	ng	88
36) 4-Chloro-3-methylphenol	8.575	107	386354	44.939	ng	99
37) 2-Methylnaphthalene	8.722	142	810072	45.326	ng	100
38) 1-Methylnaphthalene	8.822	142	733280	43.568	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	393600	50.607	ng	99
41) Hexachlorocyclopentadiene	8.869	237	298043	92.470	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	249100	49.183	ng	97

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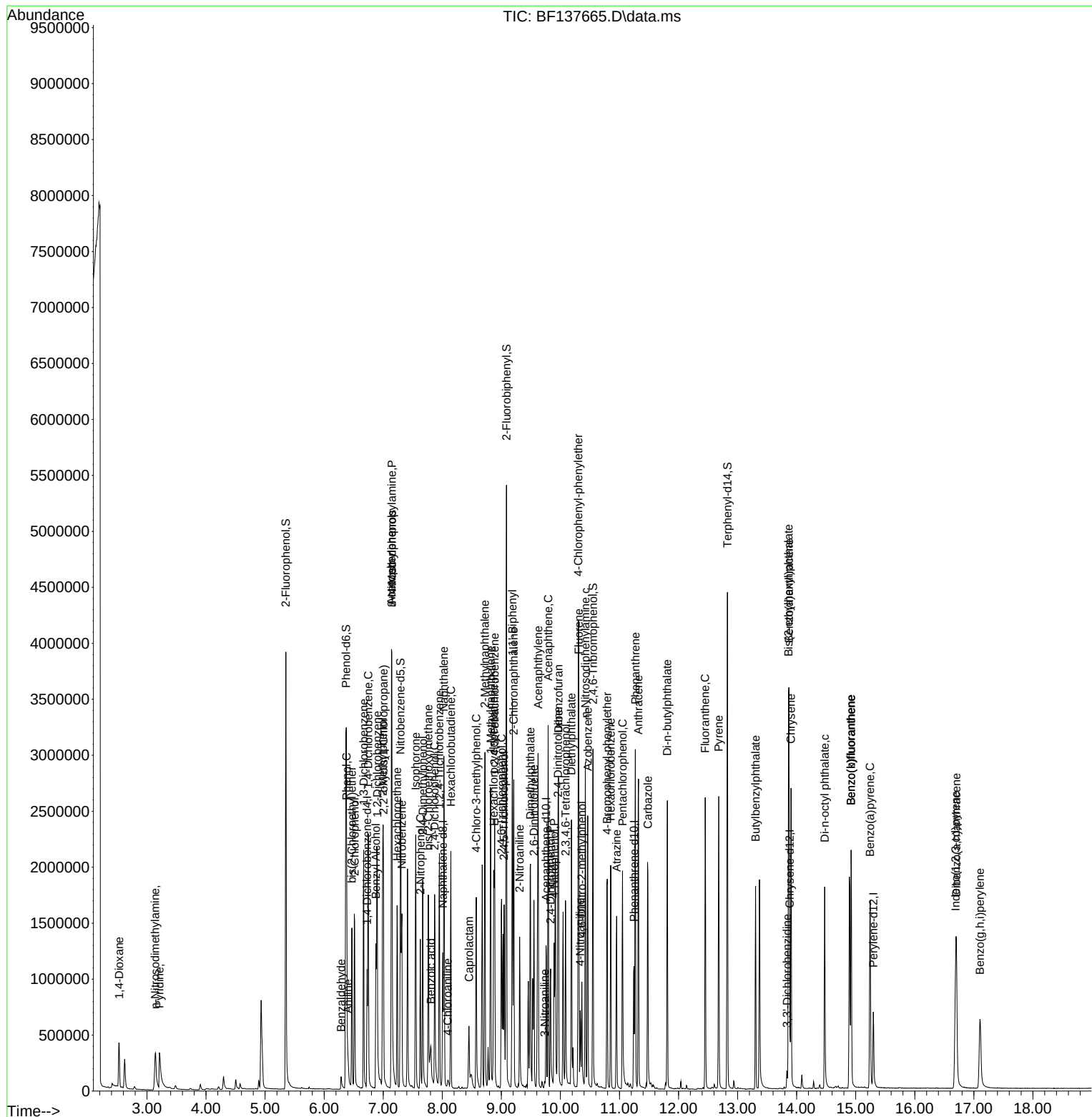
Instrument :
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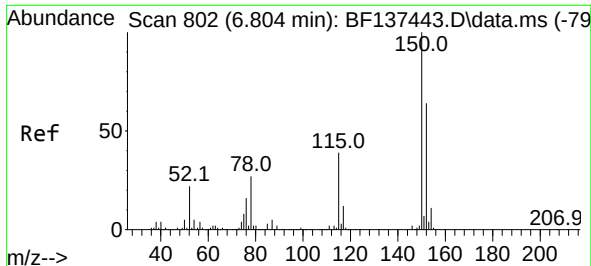
Quant Time: Mar 21 17:51:41 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	270196	46.311	ng	97
46) 1,1'-Biphenyl	9.186	154	1000559	49.070	ng	99
47) 2-Chloronaphthalene	9.210	162	768645	49.443	ng	99
48) 2-Nitroaniline	9.310	65	242764	45.944	ng	95
49) Acenaphthylene	9.622	152	1215378	48.852	ng	99
50) Dimethylphthalate	9.492	163	923519	47.621	ng	99
51) 2,6-Dinitrotoluene	9.551	165	196993	48.565	ng	96
52) Acenaphthene	9.792	154	679232	45.731	ng	98
53) 3-Nitroaniline	9.733	138	15512	3.615	ng	# 90
54) 2,4-Dinitrophenol	9.833	184	159871	80.724	ng	94
55) Dibenzofuran	9.969	168	1033664	45.693	ng	99
56) 4-Nitrophenol	9.892	139	208879	69.084	ng	96
57) 2,4-Dinitrotoluene	9.957	165	246401	49.444	ng	99
58) Fluorene	10.310	166	784082	45.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	216543	46.283	ng	95
60) Diethylphthalate	10.186	149	850227	46.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	389305	45.722	ng	94
62) 4-Nitroaniline	10.333	138	120528	32.685	ng	99
63) Azobenzene	10.463	77	903162	42.829	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	120824	50.294	ng	89
66) n-Nitrosodiphenylamine	10.422	169	678538	48.886	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	243434	51.852	ng	97
68) Hexachlorobenzene	10.851	284	257077	54.215	ng	95
69) Atrazine	10.951	200	173239	41.057	ng	98
70) Pentachlorophenol	11.051	266	260790	90.978	ng	99
71) Phenanthrene	11.269	178	1102270	46.989	ng	100
72) Anthracene	11.322	178	1115448	46.298	ng	99
73) Carbazole	11.480	167	926338	44.887	ng	99
74) Di-n-butylphthalate	11.810	149	1201148	48.920	ng	100
75) Fluoranthene	12.451	202	986240	43.012	ng	99
78) Pyrene	12.680	202	1013402	37.605	ng	99
80) Butylbenzylphthalate	13.304	149	376029	54.637	ng	96
81) Benzo(a)anthracene	13.869	228	886881	46.073	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	46989	9.167	ng	97
83) Chrysene	13.904	228	921472	47.364	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	490986	56.128	ng	98
85) Di-n-octyl phthalate	14.474	149	891622	52.316	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	773466	40.114	ng	97
88) Benzo(b)fluoranthene	14.921	252	877900	50.651	ng	99
89) Benzo(k)fluoranthene	14.921	252	877900	47.157	ng	99
90) Benzo(a)pyrene	15.245	252	829952	48.592	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	638232	40.804	ng	98
92) Benzo(g,h,i)perylene	17.104	276	557377	34.698	ng	96

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

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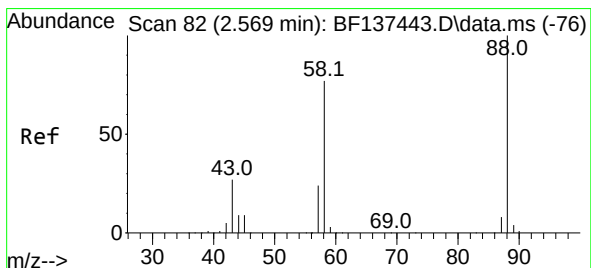
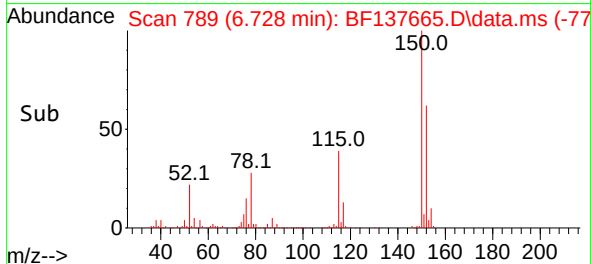
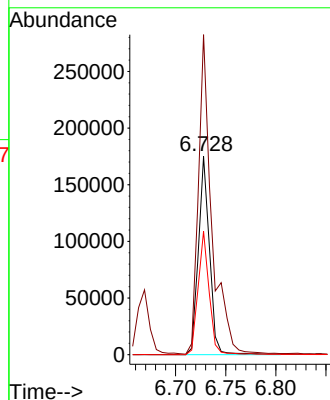
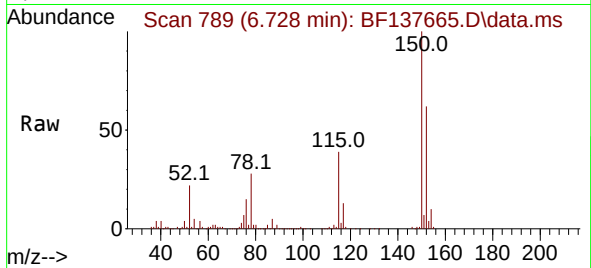




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

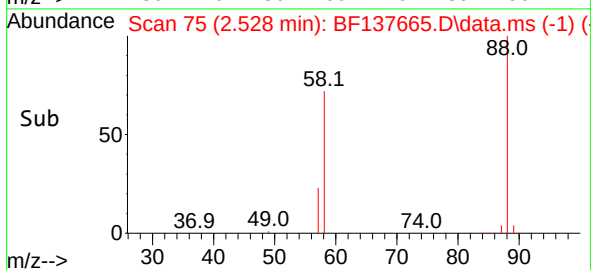
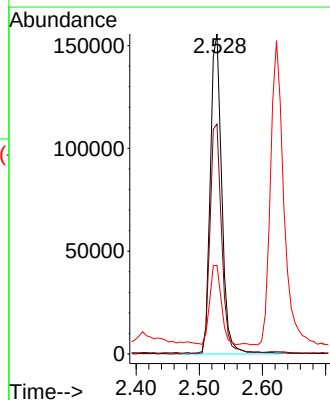
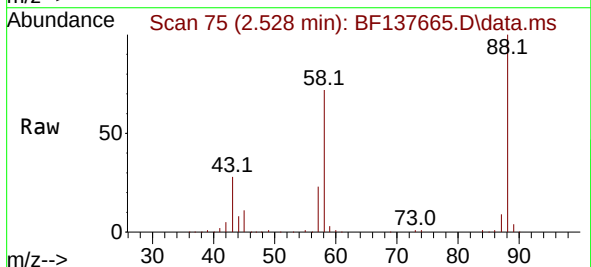
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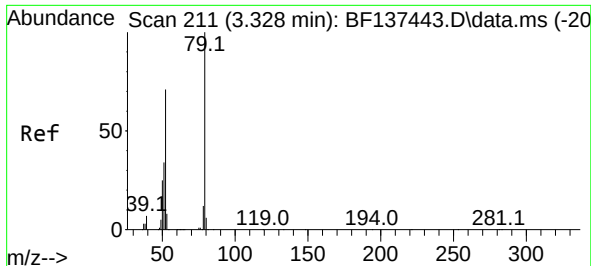
Tgt Ion:152 Resp: 135306
 Ion Ratio Lower Upper
 152 100
 150 161.4 125.8 188.6
 115 62.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 40.125 ng
 RT: 2.528 min Scan# 75
 Delta R.T. 0.159 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

Tgt Ion: 88 Resp: 196005
 Ion Ratio Lower Upper
 88 100
 58 72.7 61.8 92.8
 43 0.0 22.2 33.4#

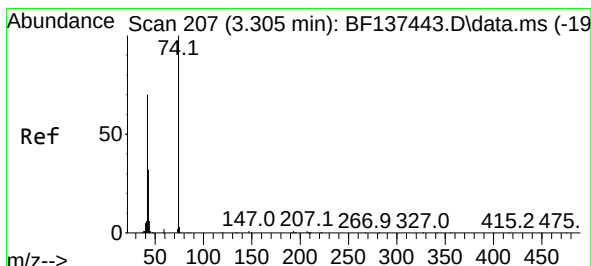
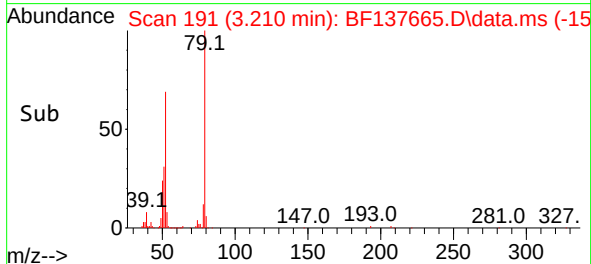
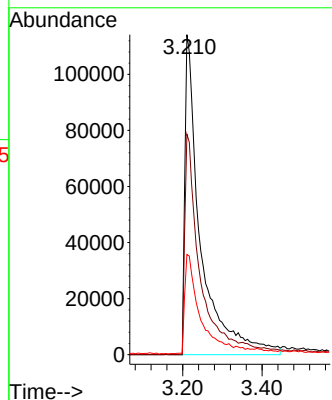
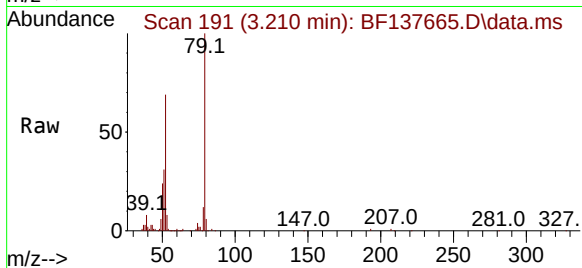




#3
 Pyridine
 Concen: 26.596 ng
 RT: 3.210 min Scan# 191
 Delta R.T. 0.141 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

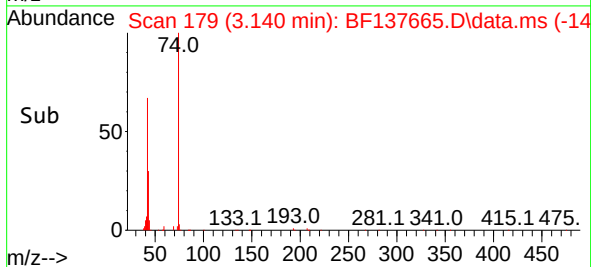
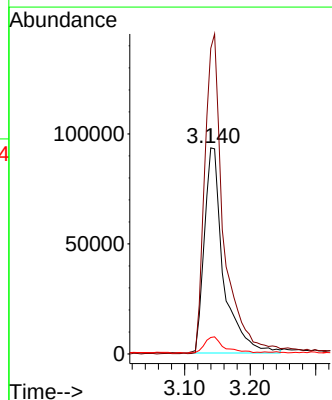
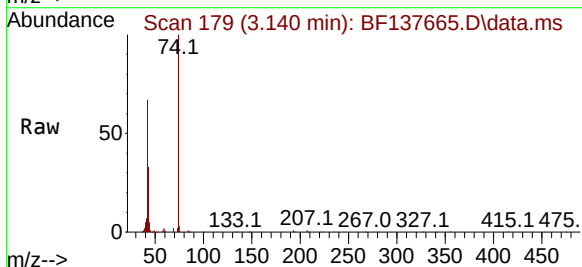
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMSD

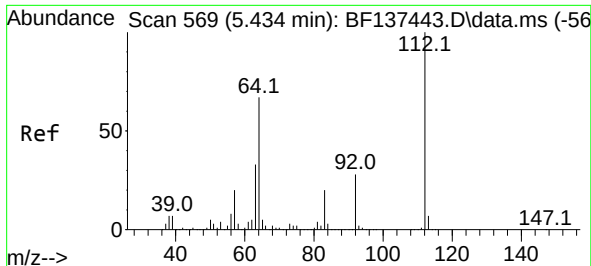
Tgt Ion: 79 Resp: 313334
 Ion Ratio Lower Upper
 79 100
 52 68.9 57.0 85.4
 51 31.3 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 40.245 ng
 RT: 3.140 min Scan# 179
 Delta R.T. 0.100 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

Tgt Ion: 42 Resp: 188876
 Ion Ratio Lower Upper
 42 100
 74 148.3 114.0 171.0
 44 8.0 7.0 10.4

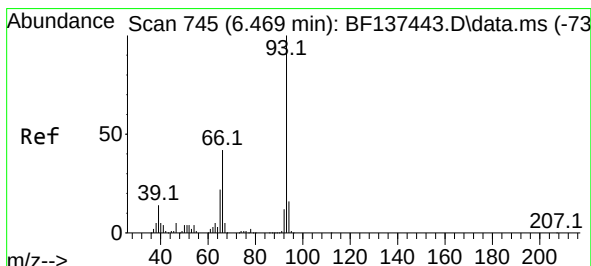
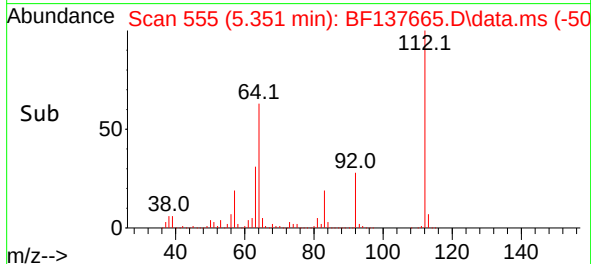
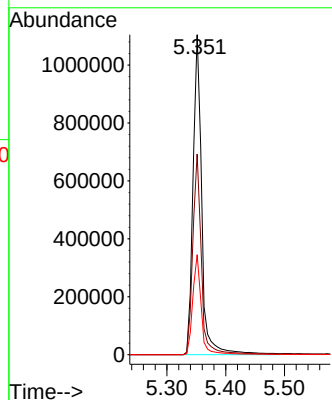
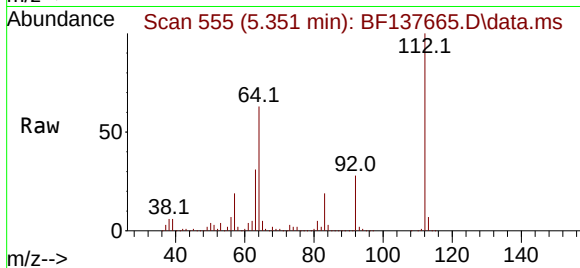




#5
2-Fluorophenol
Concen: 128.710 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

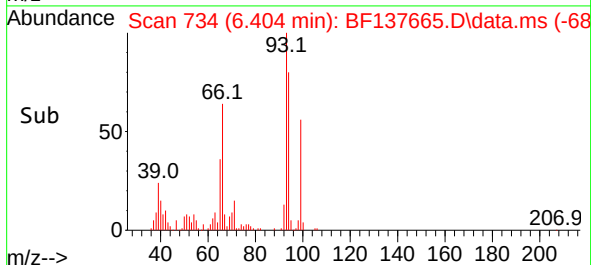
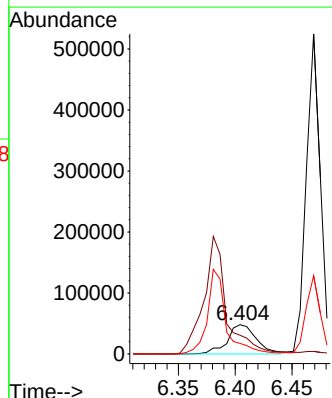
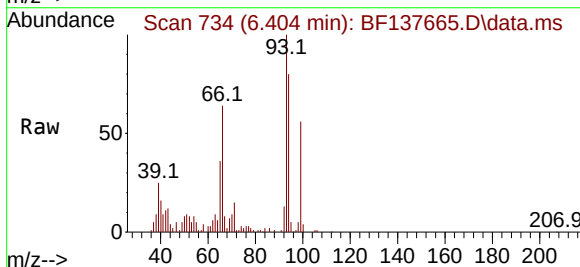
Instrument :
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ClientSampleId :
TRENCH-PITMSD

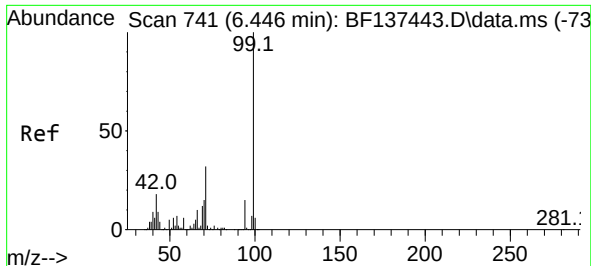
Tgt Ion:112 Resp: 1149874
Ion Ratio Lower Upper
112 100
64 62.7 53.4 80.2
63 31.2 26.2 39.2



#6
Aniline
Concen: 5.391 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion: 93 Resp: 84948
Ion Ratio Lower Upper
93 100
66 63.8 34.0 51.0#
65 36.2 17.8 26.8#





#7

Phenol-d6

Concen: 109.630 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

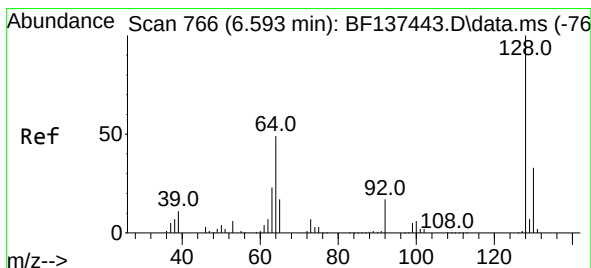
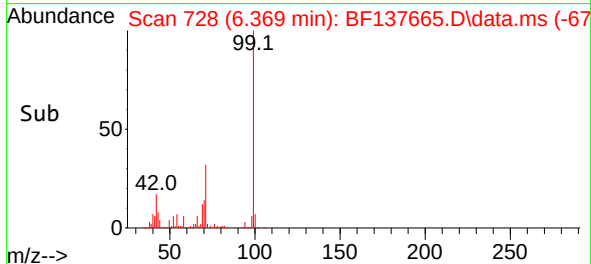
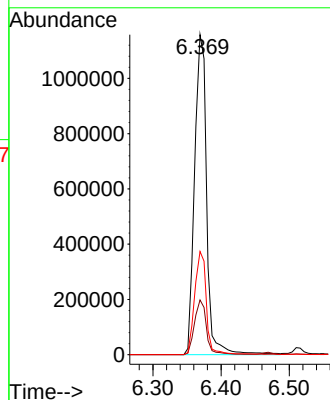
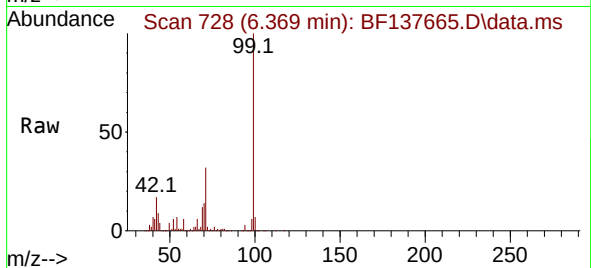
BNA_F

ClientSampleId :

TRENCH-PITMSD

Tgt Ion: 99 Resp: 1413755

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	21.8
71	32.3	25.3	37.9



#8

2-Chlorophenol

Concen: 47.642 ng

RT: 6.516 min Scan# 753

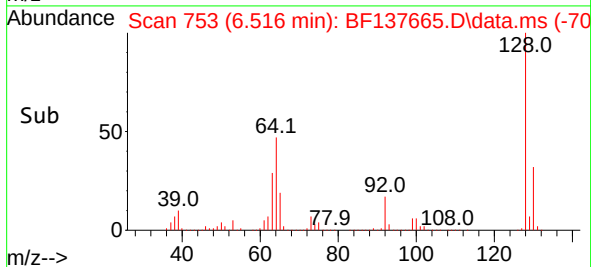
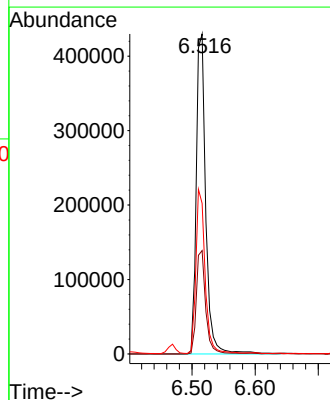
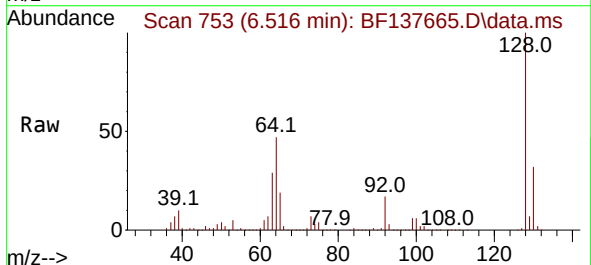
Delta R.T. 0.006 min

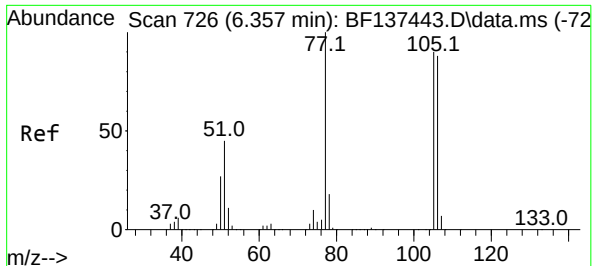
Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Tgt Ion:128 Resp: 448920

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.4	53.4
64	47.1	30.0	70.0





#9

Benzaldehyde

Concen: 6.144 ng

RT: 6.287 min Scan# 714

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

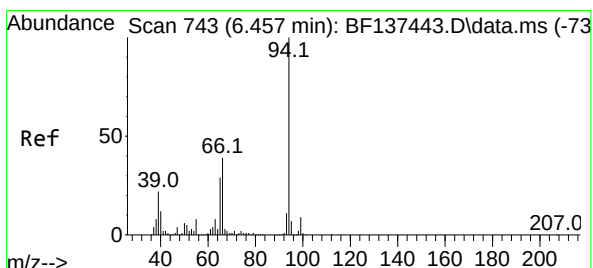
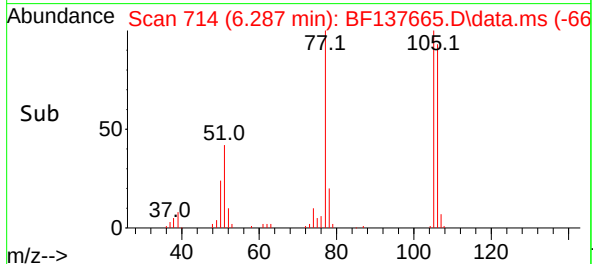
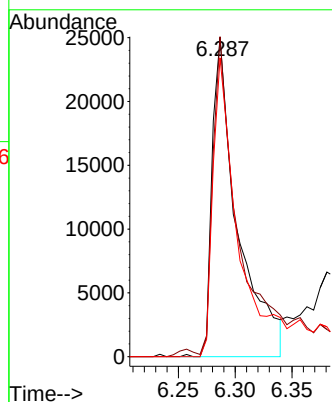
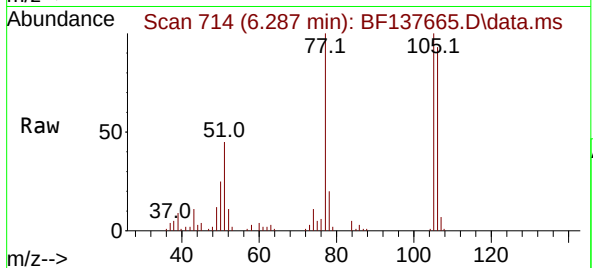
Tgt Ion: 77 Resp: 38817

Ion Ratio Lower Upper

77 100

105 100.3 69.8 109.8

106 93.7 67.8 107.8



#10

Phenol

Concen: 36.866 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

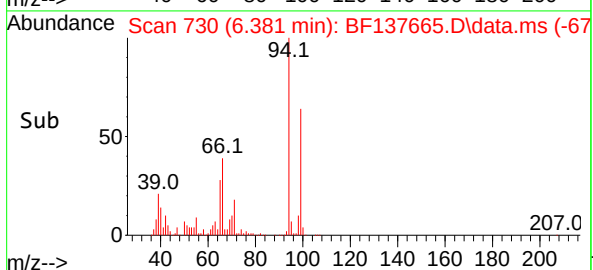
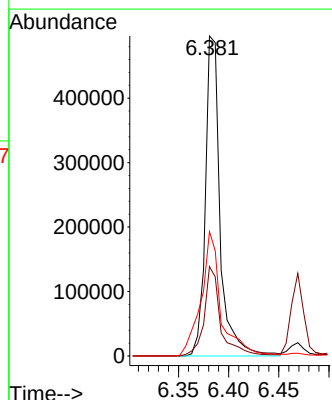
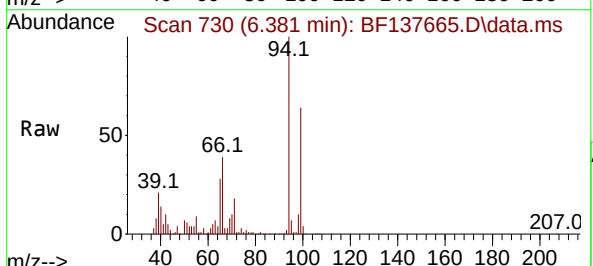
Tgt Ion: 94 Resp: 511703

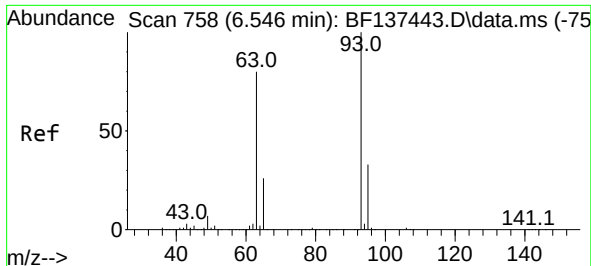
Ion Ratio Lower Upper

94 100

65 28.0 8.7 48.7

66 38.8 18.6 58.6

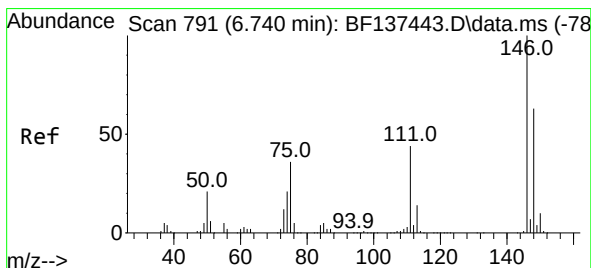
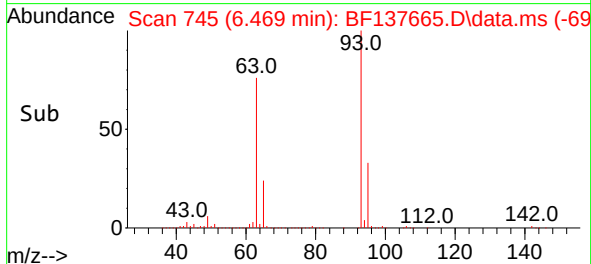
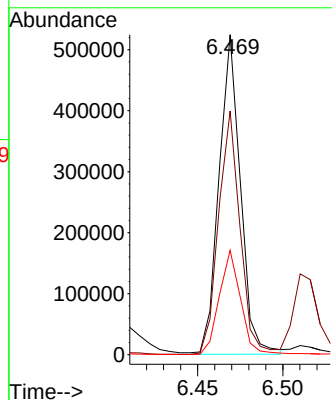
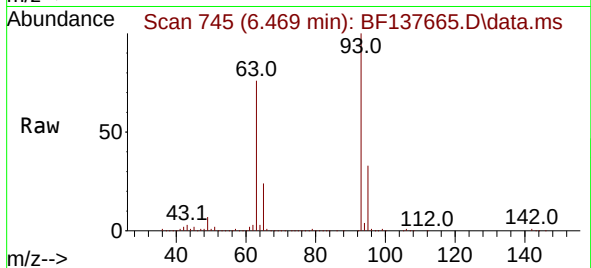




#11
bis(2-Chloroethyl)ether
Concen: 45.143 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

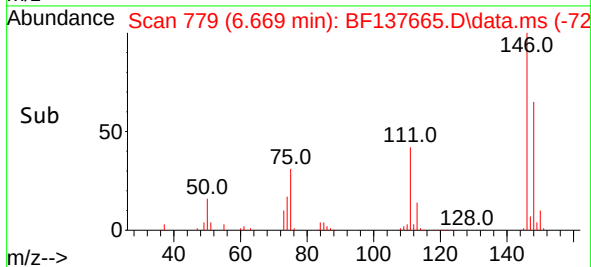
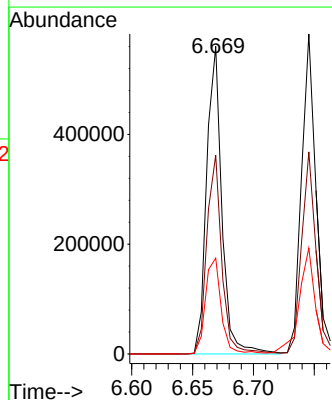
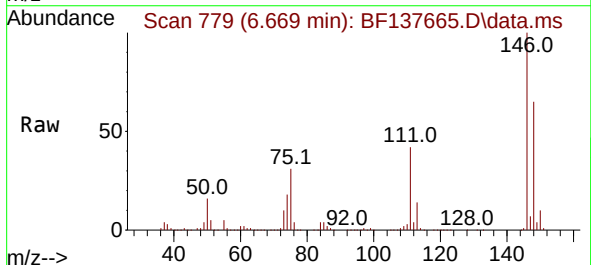
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

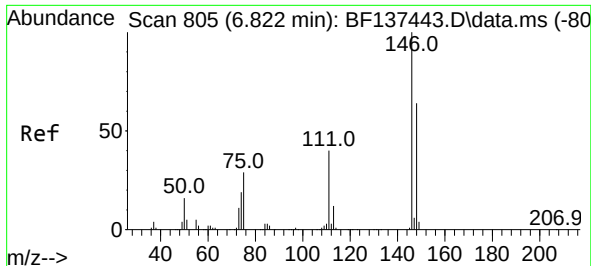
Tgt Ion: 93 Resp: 459157
Ion Ratio Lower Upper
93 100
63 76.1 58.9 98.9
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.203 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:146 Resp: 485353
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
75 31.1 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 47.233 ng

RT: 6.745 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF137665.D

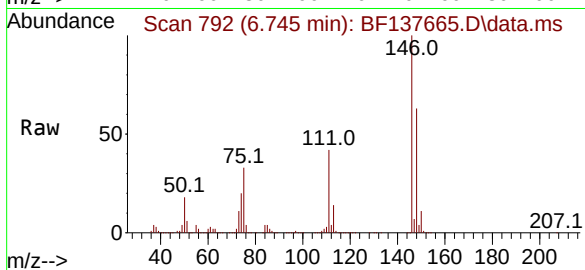
Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD



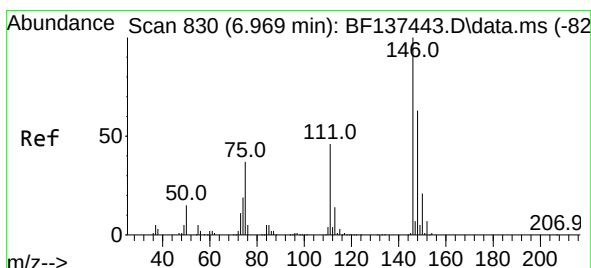
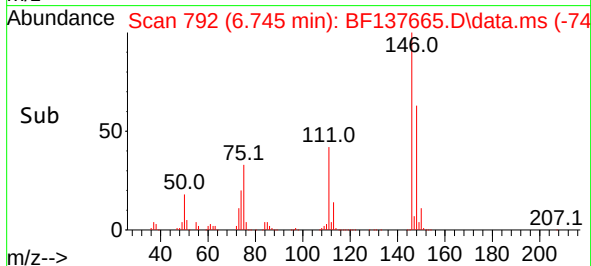
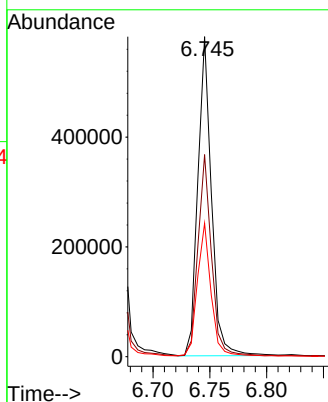
Tgt Ion:146 Resp: 486604

Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

111 41.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 49.954 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

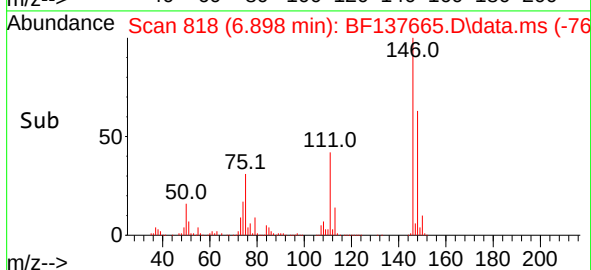
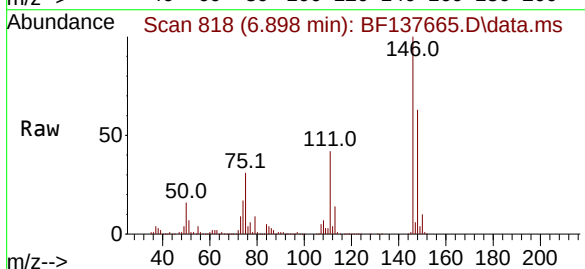
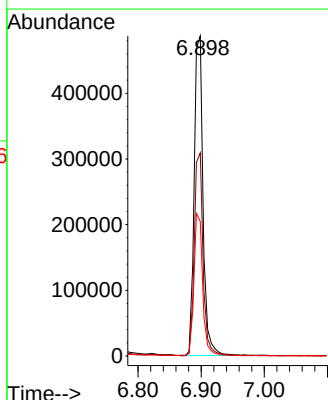
Tgt Ion:146 Resp: 472360

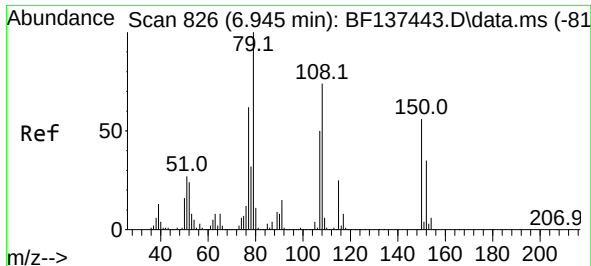
Ion Ratio Lower Upper

146 100

148 63.4 50.0 75.0

111 42.0 36.8 55.2

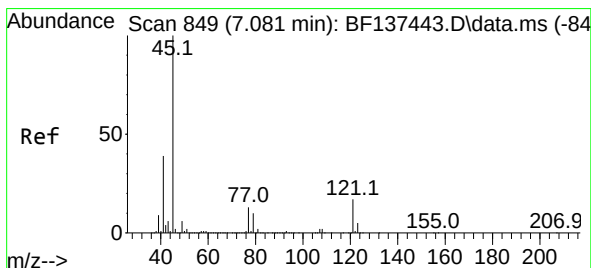
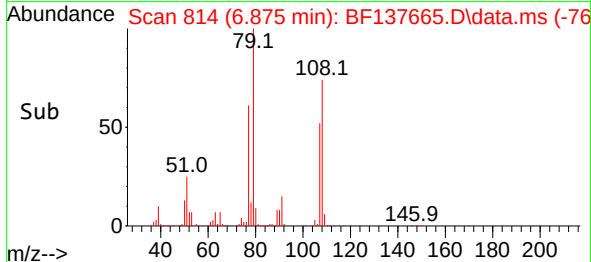
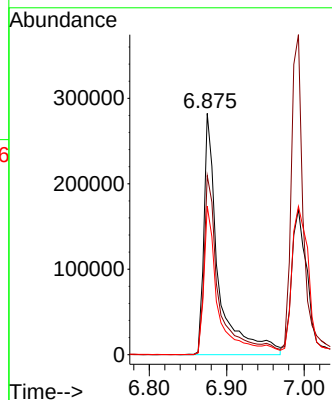
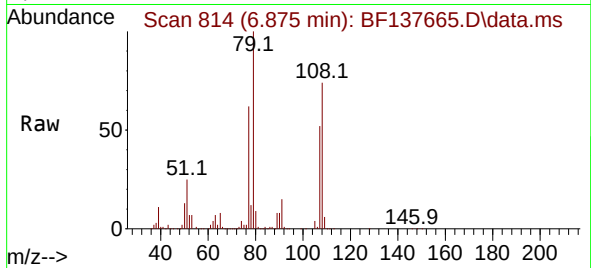




#15
Benzyl Alcohol
Concen: 45.827 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

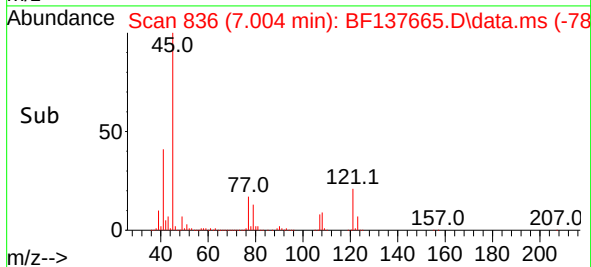
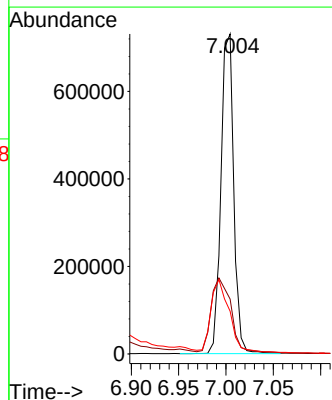
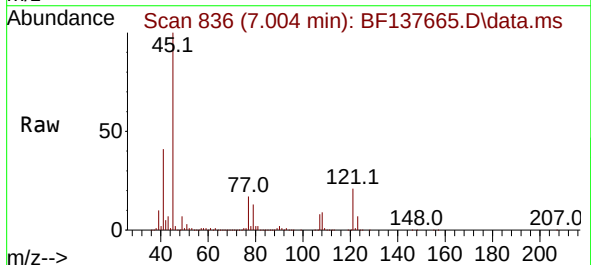
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

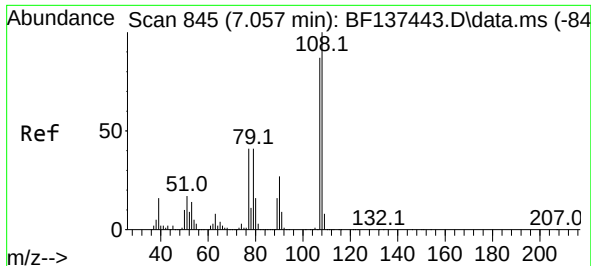
Tgt Ion: 79 Resp: 367909
Ion Ratio Lower Upper
79 100
108 74.2 59.5 89.3
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.360 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion: 45 Resp: 688146
Ion Ratio Lower Upper
45 100
77 17.1 0.0 33.4
79 13.4 0.0 30.9



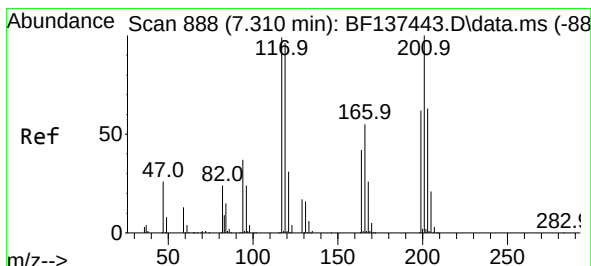
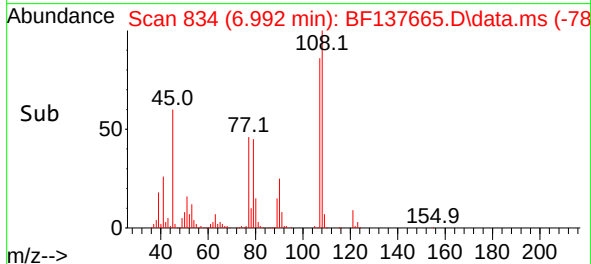
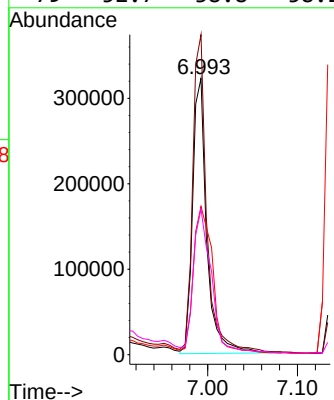
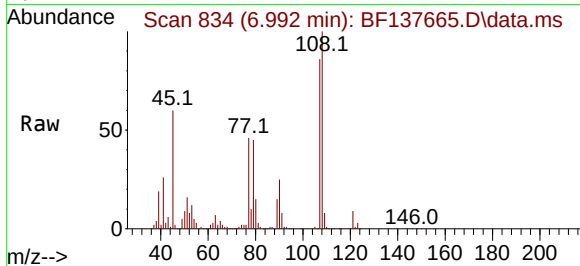


#17
2-Methylphenol
Concen: 39.950 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

Tgt Ion:107 Resp: 352250

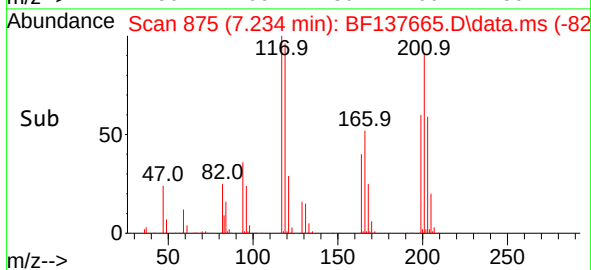
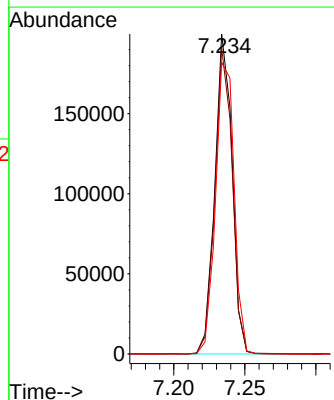
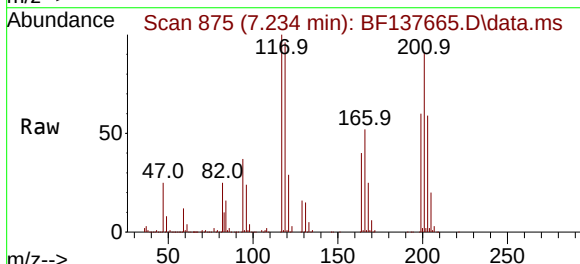
Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.2	138.4
77	53.7	38.6	57.8
79	52.7	38.8	58.2

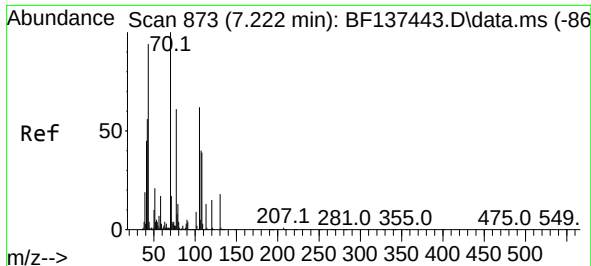


#18
Hexachloroethane
Concen: 49.854 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:117 Resp: 169115

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.5	116.3
201	91.1	80.6	121.0



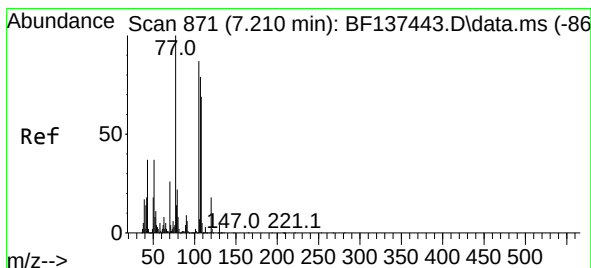
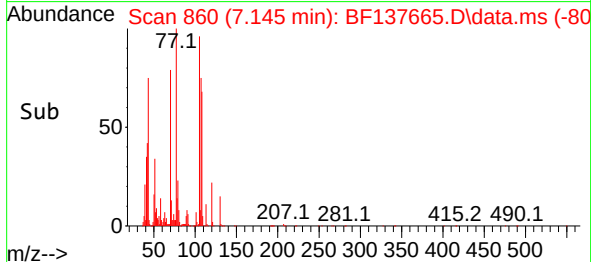
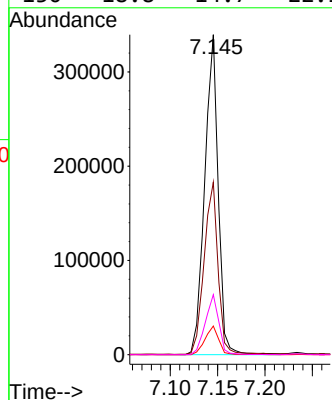
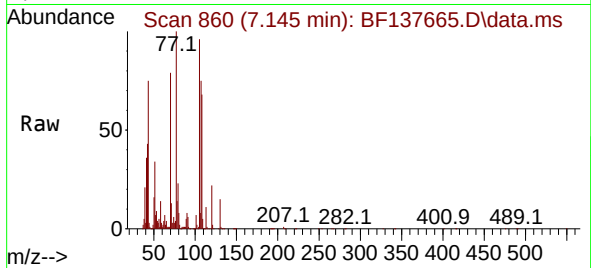


#19
n-Nitroso-di-n-propylamine
Concen: 42.383 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

Tgt Ion: 70 Resp: 337506

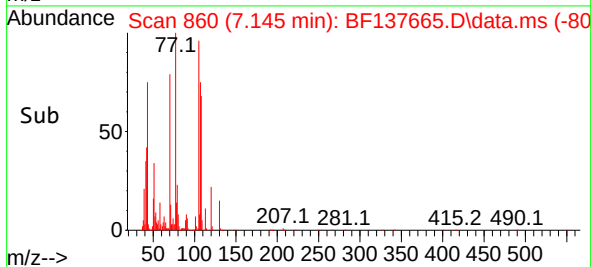
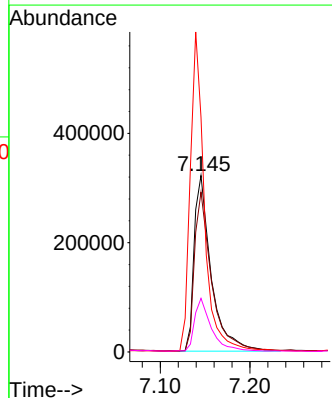
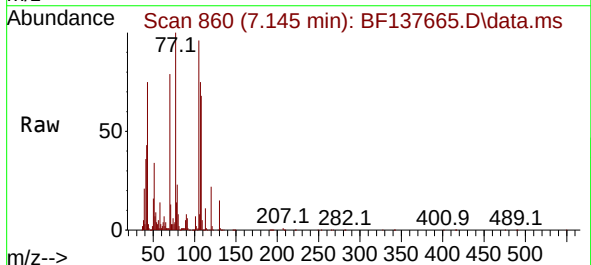
Ion	Ratio	Lower	Upper
70	100		
42	53.9	45.2	67.8
101	8.9	7.3	10.9
130	18.8	14.7	22.1

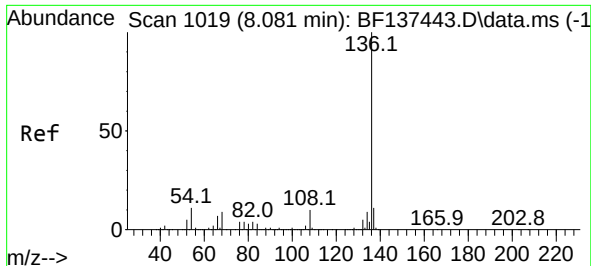


#20
3+4-Methylphenols
Concen: 42.210 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion: 107 Resp: 426248

Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.6	107.6
77	133.0	107.1	147.1
79	30.4	8.6	48.6

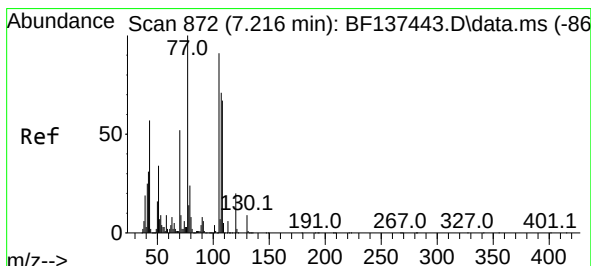
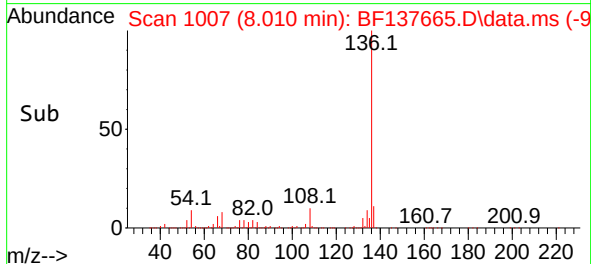
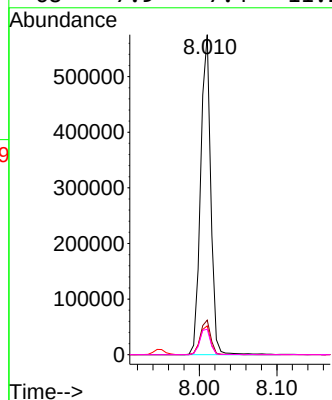
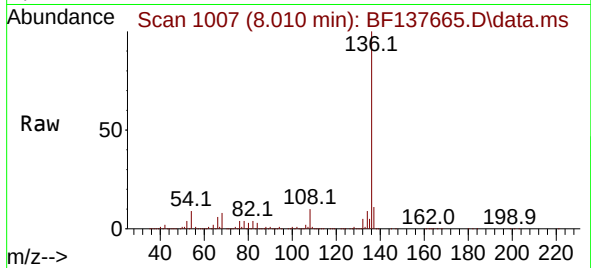




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

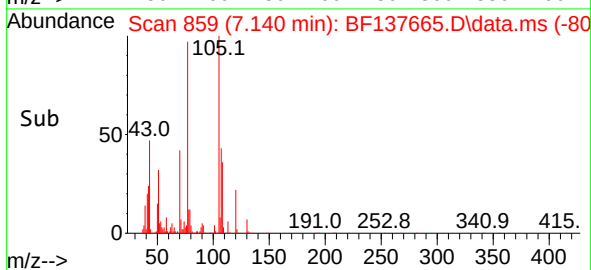
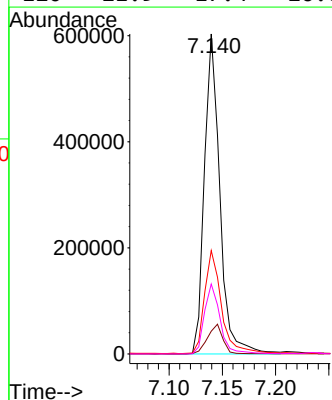
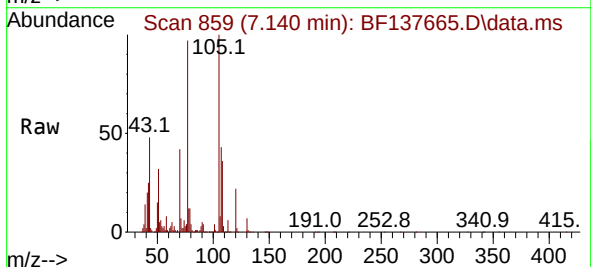
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

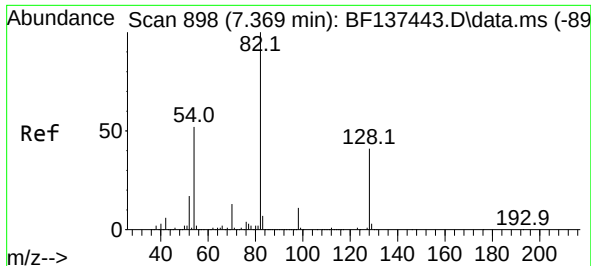
Tgt Ion:136 Resp: 522520
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.0 8.5 12.7
68 7.9 7.4 11.2



#22
Acetophenone
Concen: 48.355 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:105 Resp: 611335
Ion Ratio Lower Upper
105 100
71 7.1 7.7 11.5#
51 32.3 30.4 45.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 90.778 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

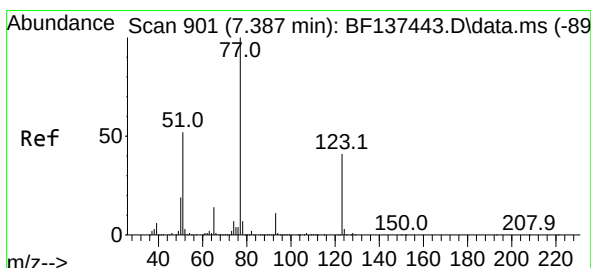
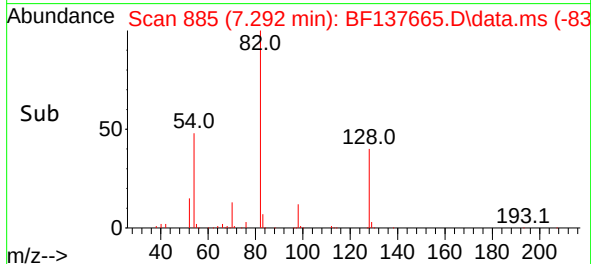
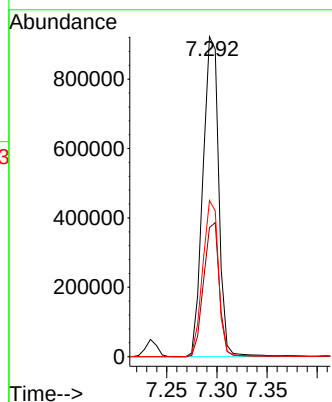
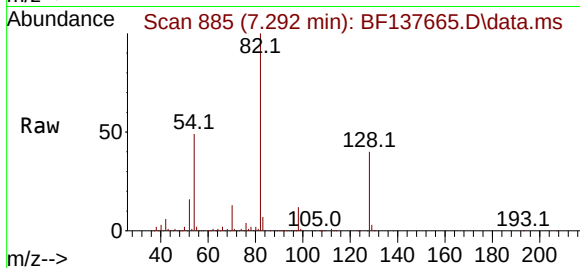
BNA_F

ClientSampleId :

TRENCH-PITMSD

Tgt Ion: 82 Resp: 1020864

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.5	48.7
54	48.8	41.5	62.3



#24

Nitrobenzene

Concen: 44.804 ng

RT: 7.316 min Scan# 889

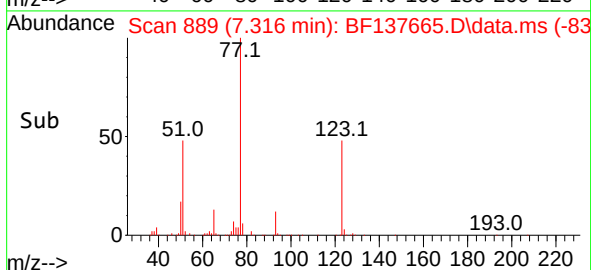
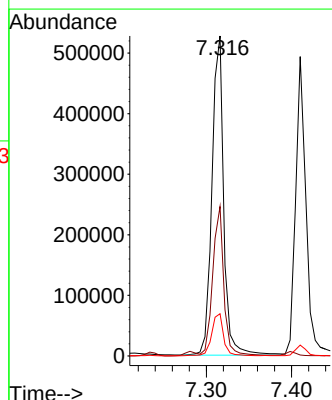
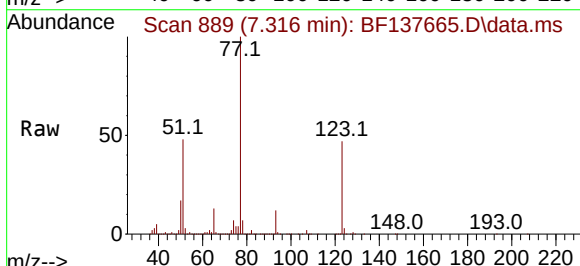
Delta R.T. -0.000 min

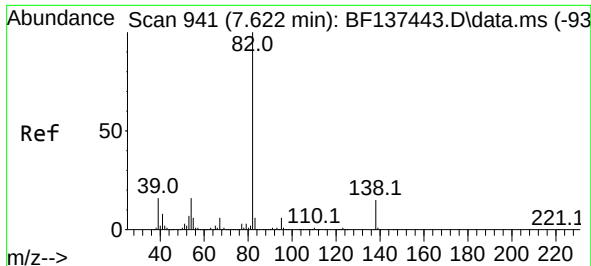
Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Tgt Ion: 77 Resp: 506142

Ion	Ratio	Lower	Upper
77	100		
123	46.7	33.0	49.6
65	13.2	10.9	16.3

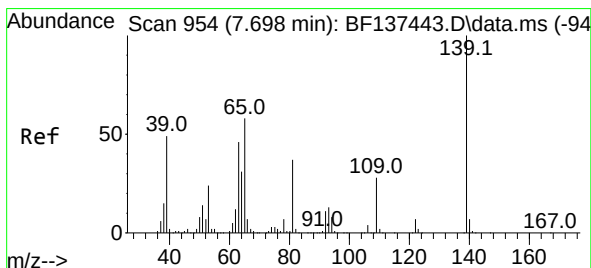
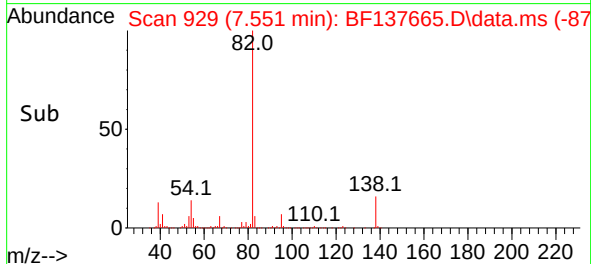
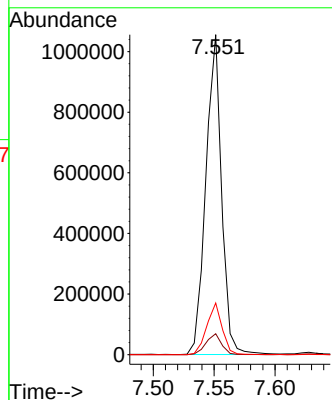
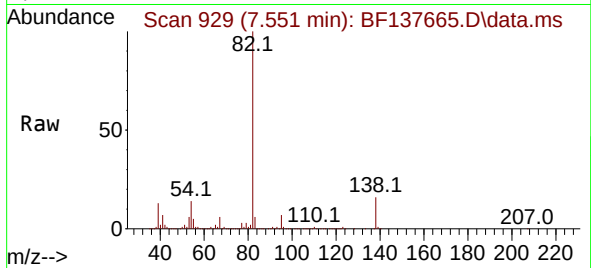




#25
Isophorone
Concen: 44.281 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

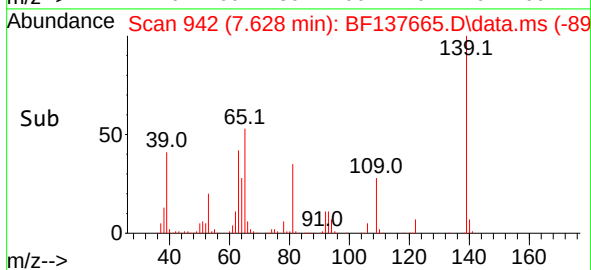
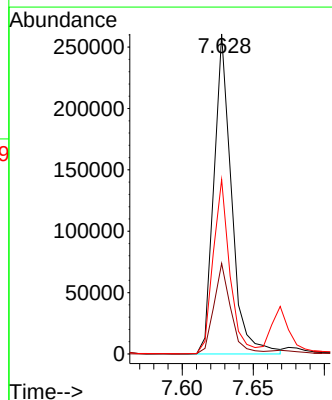
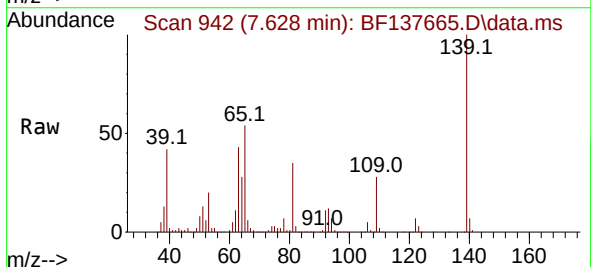
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

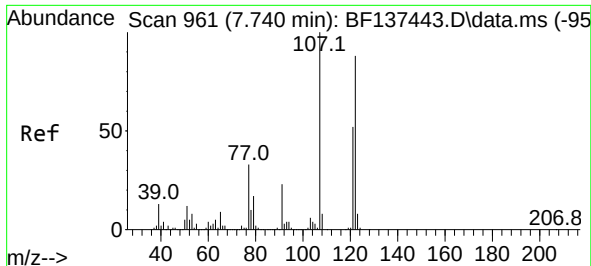
Tgt Ion: 82 Resp: 946059
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.1 11.8 17.8



#26
2-Nitrophenol
Concen: 50.085 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion: 139 Resp: 224631
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 54.5 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 37.478 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

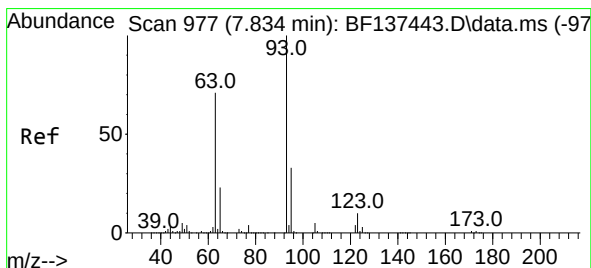
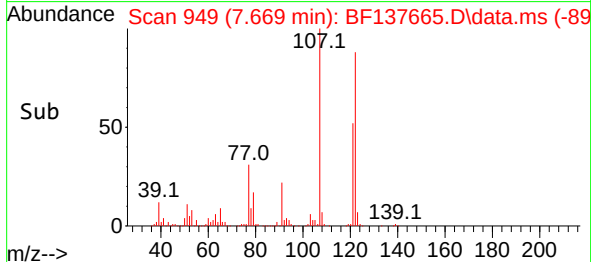
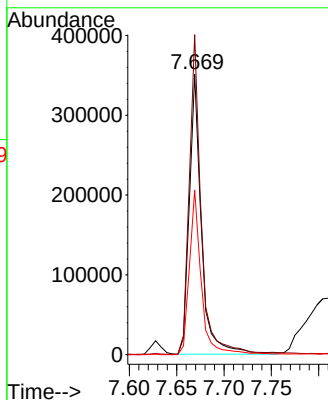
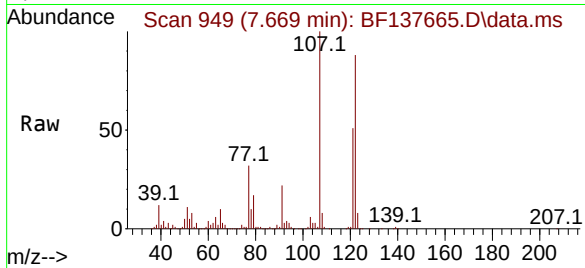
Tgt Ion:122 Resp: 314082

Ion Ratio Lower Upper

122 100

107 114.1 90.9 136.3

121 58.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.972 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

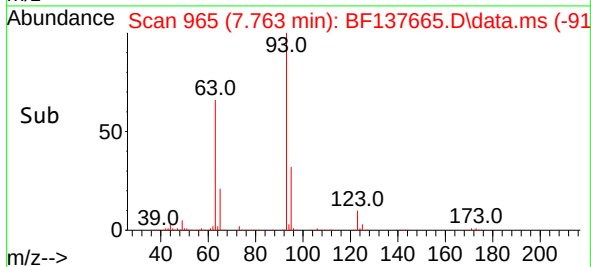
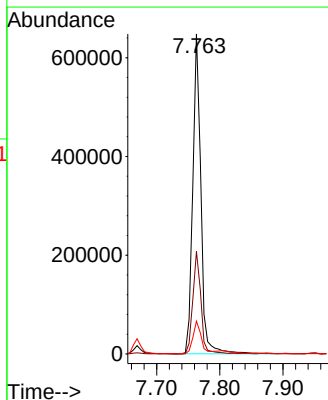
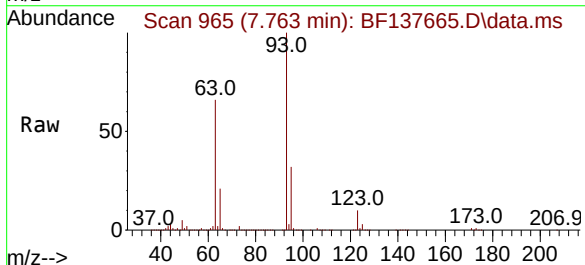
Tgt Ion: 93 Resp: 576276

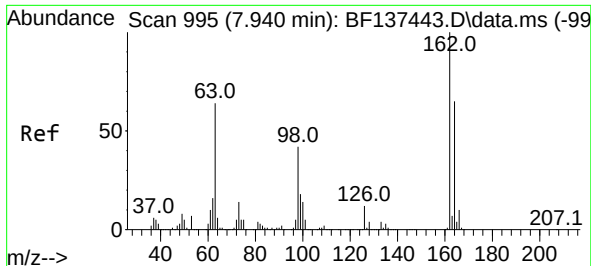
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 10.2 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.335 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

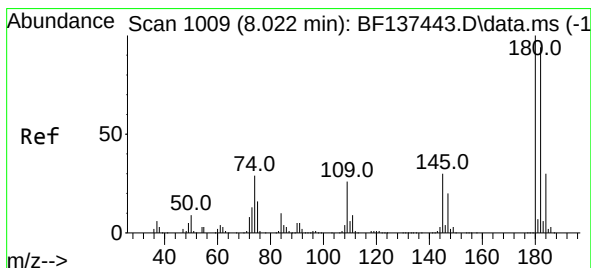
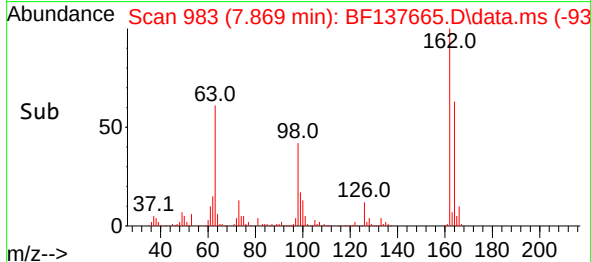
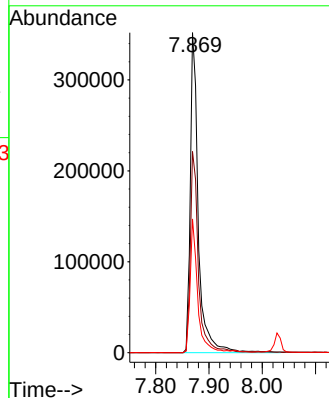
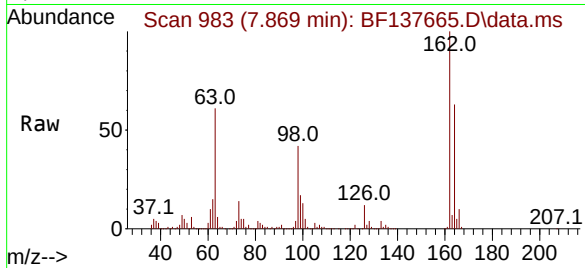
Tgt Ion:162 Resp: 371763

Ion Ratio Lower Upper

162 100

164 62.9 44.7 84.7

98 41.8 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 48.934 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

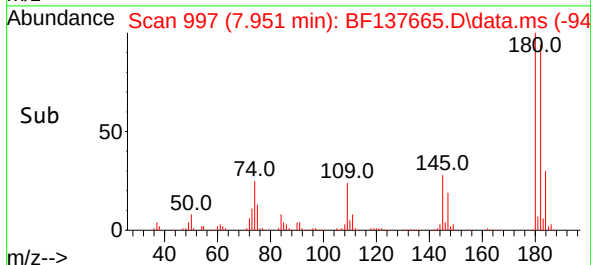
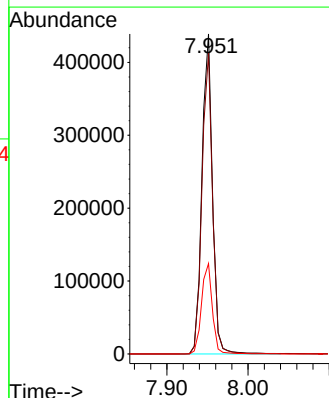
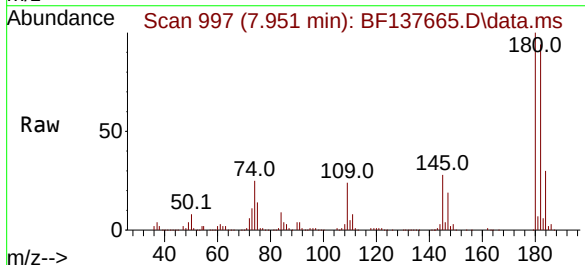
Tgt Ion:180 Resp: 396070

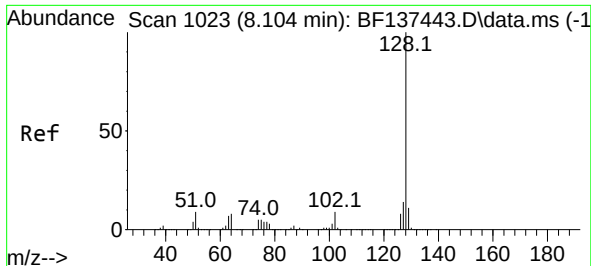
Ion Ratio Lower Upper

180 100

182 93.9 75.0 112.6

145 28.2 23.7 35.5

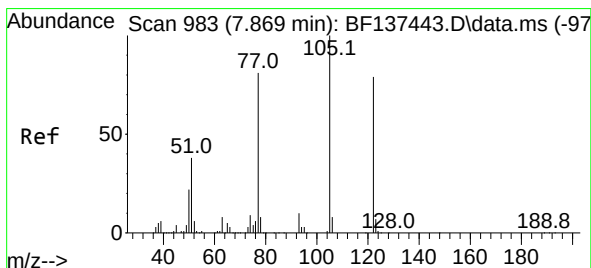
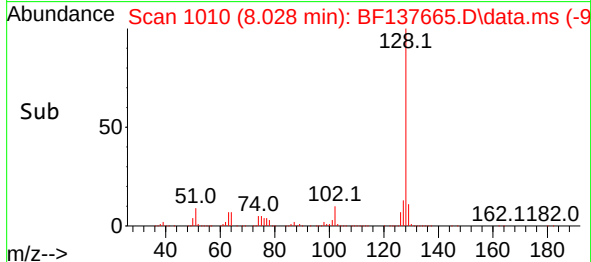
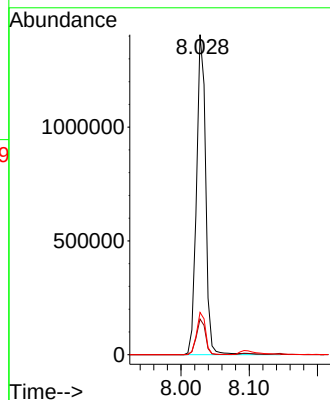
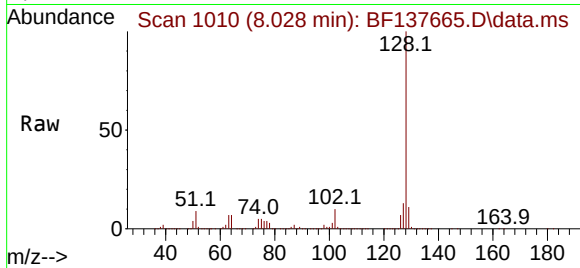




#31
Naphthalene
Concen: 46.410 ng
RT: 8.028 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

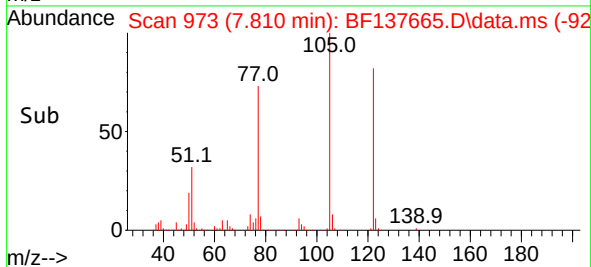
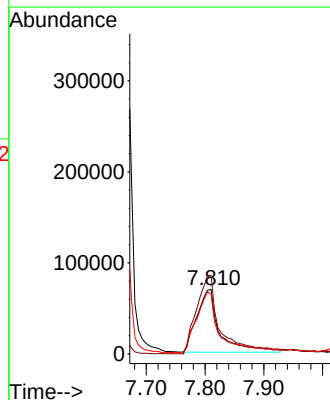
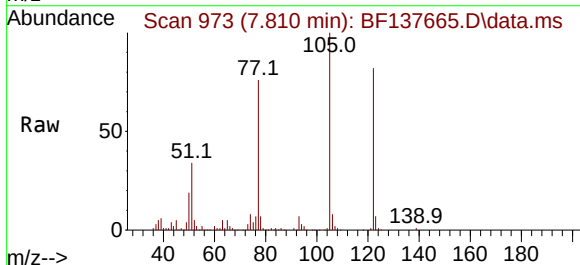
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

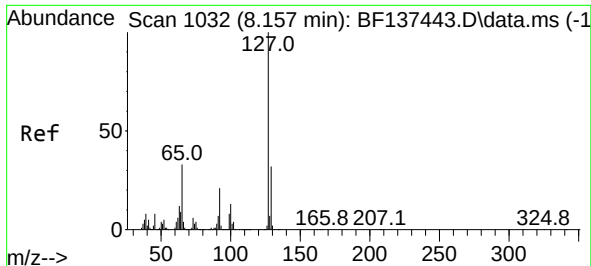
Tgt Ion:128 Resp: 1301100
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 40.009 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:122 Resp: 187265
Ion Ratio Lower Upper
122 100
105 122.0 102.4 142.4
77 92.8 81.1 121.1

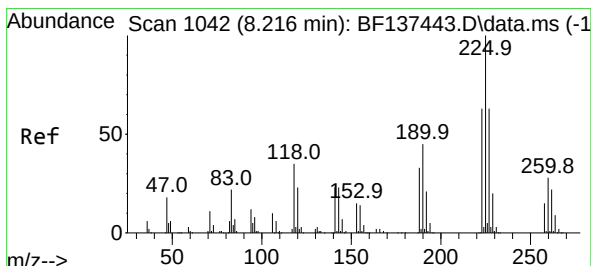
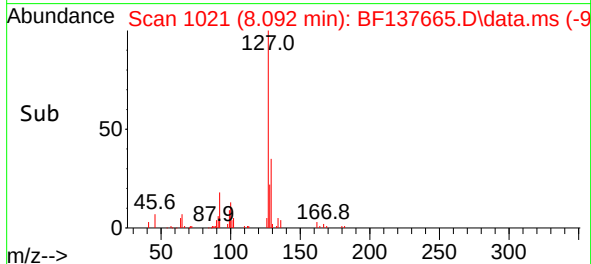
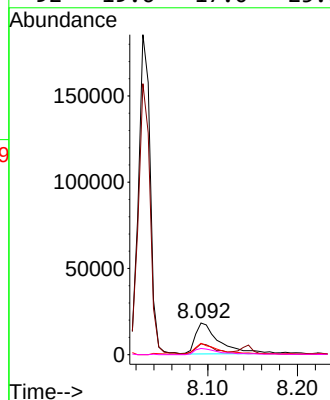
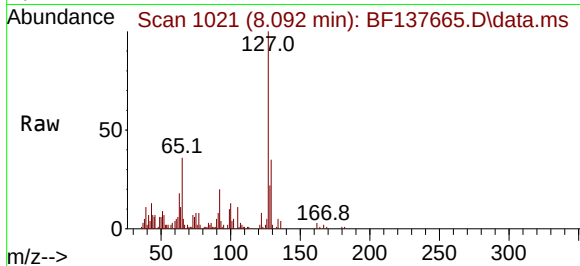




#33
4-Chloroaniline
Concen: 3.039 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

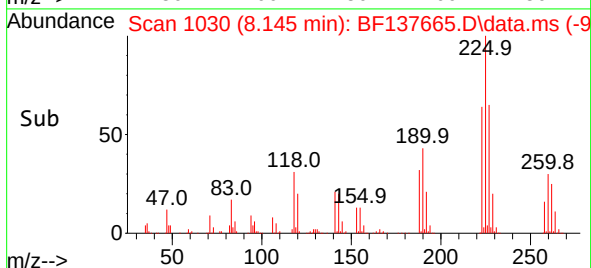
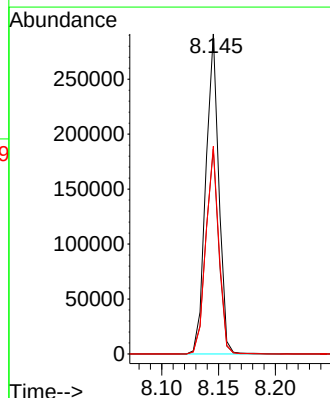
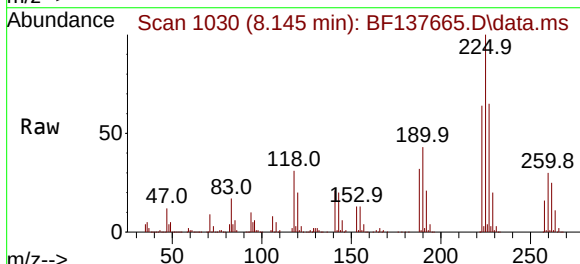
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

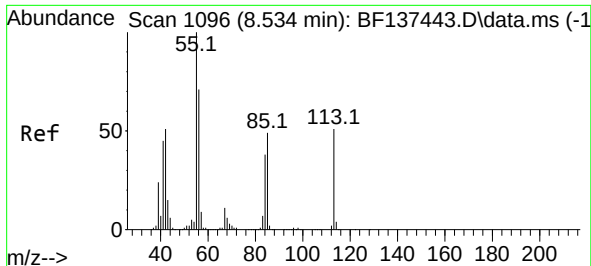
Tgt Ion:127	Resp:	33412
Ion Ratio	Lower	Upper
127	100	
129	34.5	26.0 39.0
65	35.8	26.8 40.2
92	19.6	17.0 25.6



#34
Hexachlorobutadiene
Concen: 48.342 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:225	Resp:	231000
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.7 76.1
227	64.9	50.6 75.8

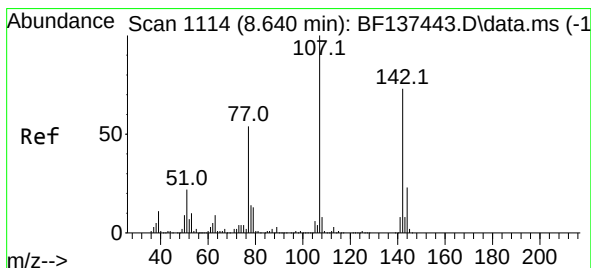
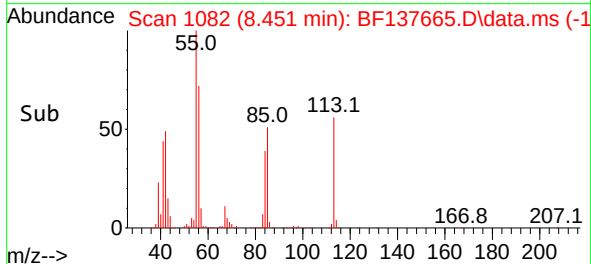
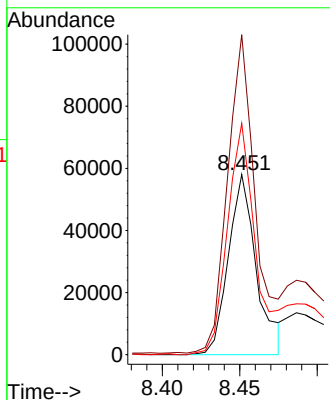
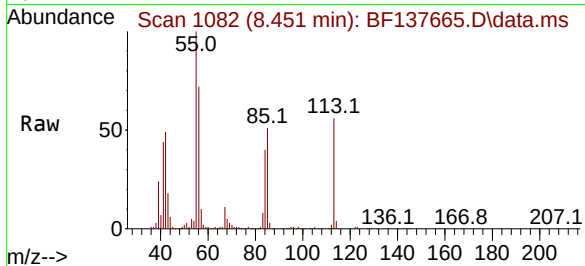




#35
 Caprolactam
 Concen: 27.929 ng
 RT: 8.451 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

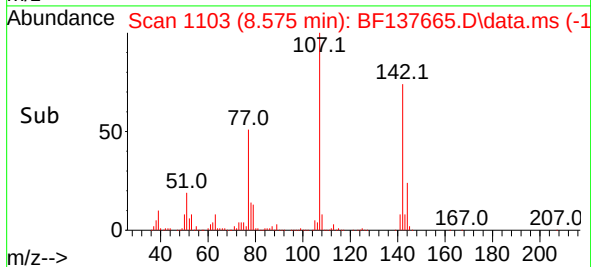
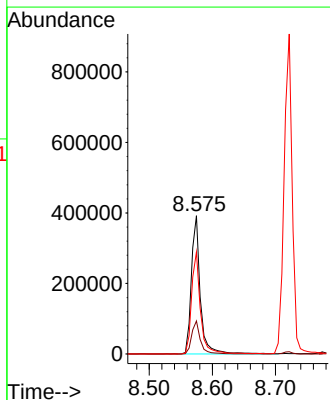
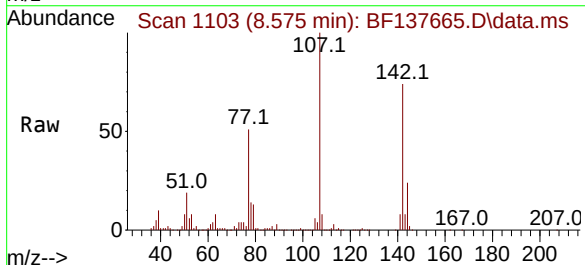
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMSD

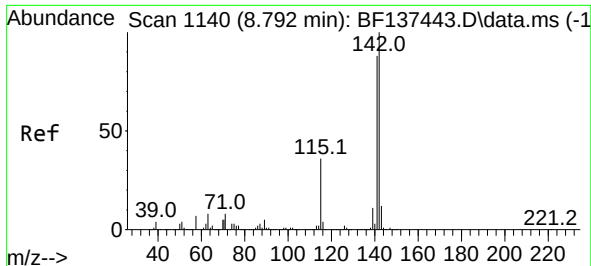
Tgt Ion:113 Resp: 72839
 Ion Ratio Lower Upper
 113 100
 55 177.6 176.7 216.7
 56 128.4 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.939 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

Tgt Ion:107 Resp: 386354
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 73.7 58.2 87.2





#37

2-Methylnaphthalene

Concen: 45.326 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

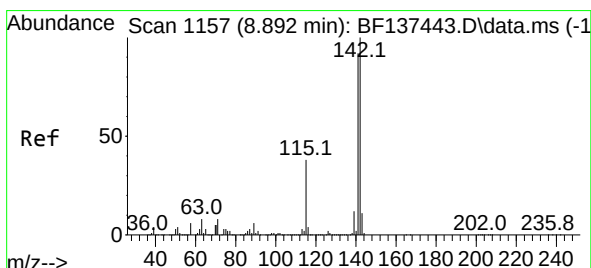
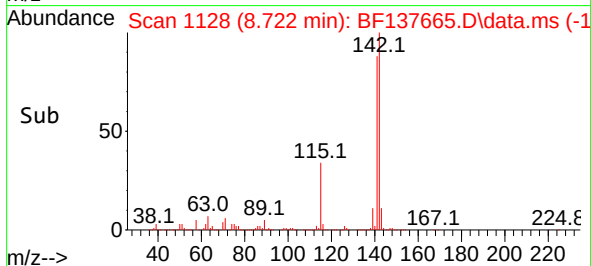
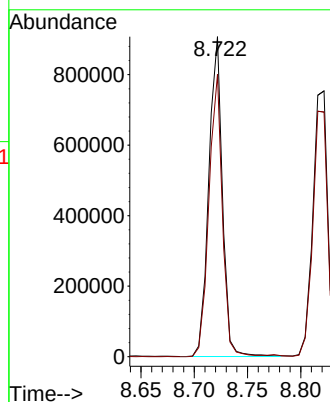
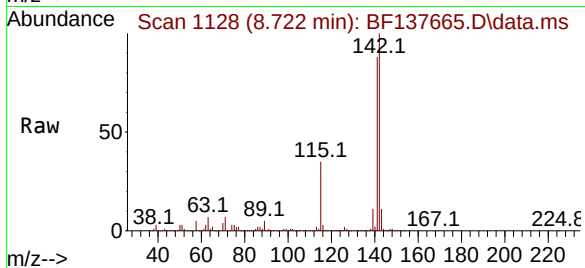
TRENCH-PITMSD

Tgt Ion:142 Resp: 810072

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.568 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137665.D

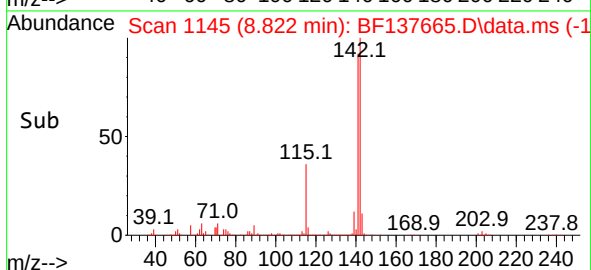
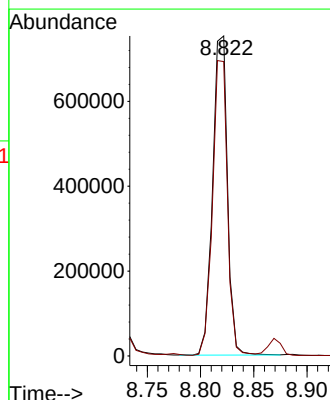
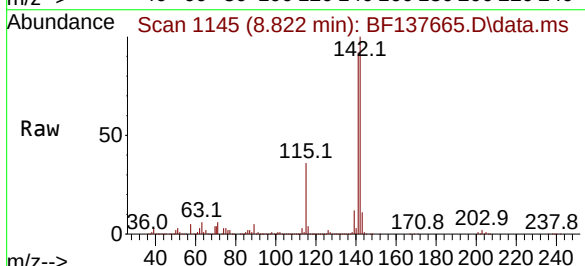
Acq: 21 Mar 2024 17:26

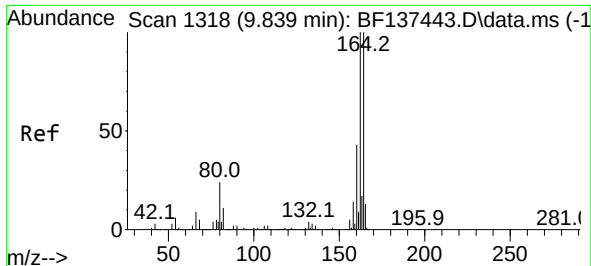
Tgt Ion:142 Resp: 733280

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2

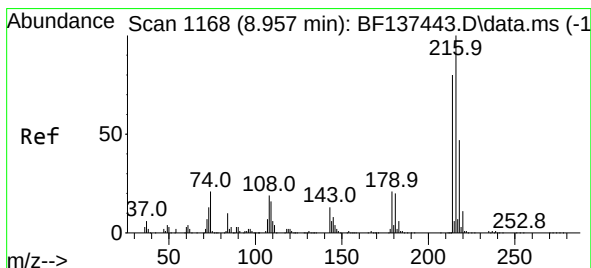
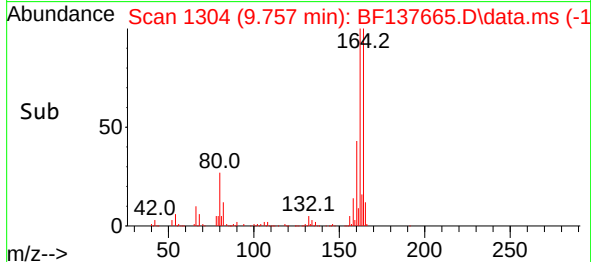
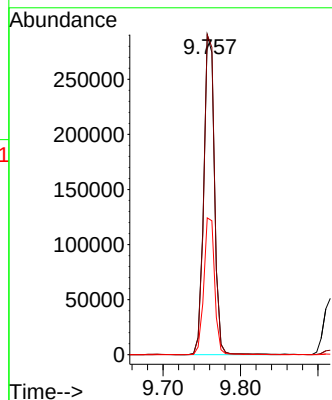
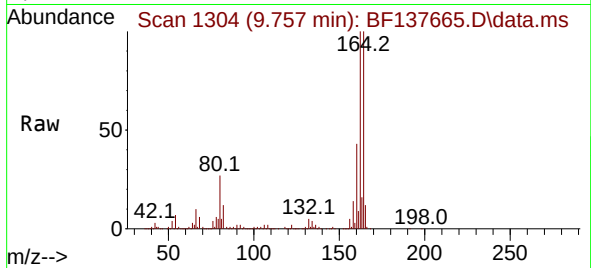




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

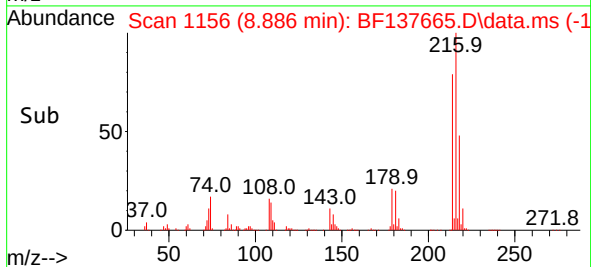
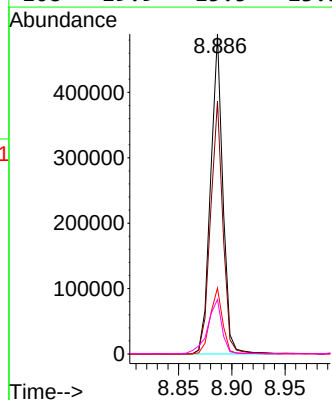
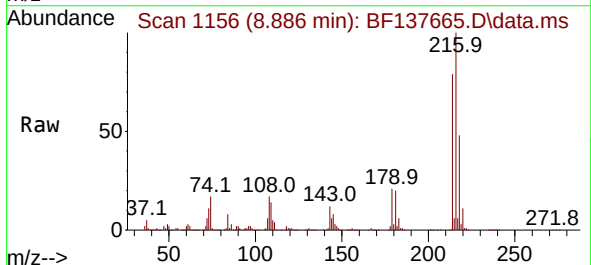
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

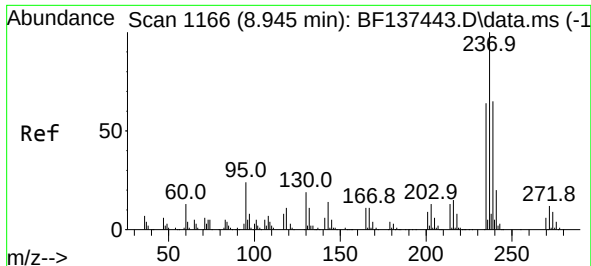
Tgt Ion:164 Resp: 278590
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 42.7 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.607 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:216 Resp: 393600
Ion Ratio Lower Upper
216 100
214 80.2 63.5 95.3
179 21.0 16.6 25.0
108 19.9 15.5 23.3

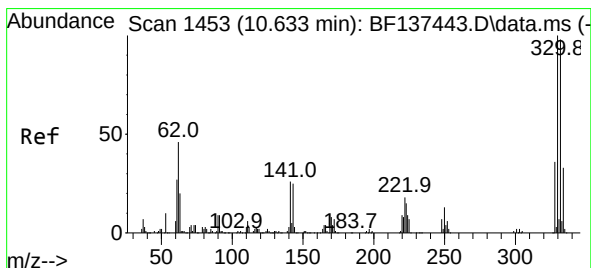
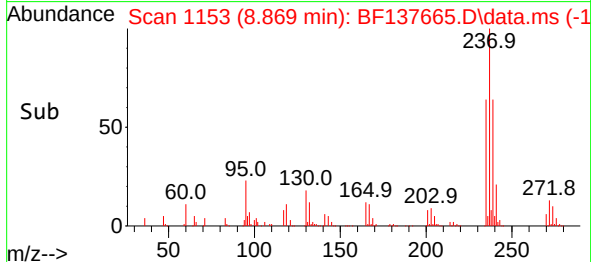
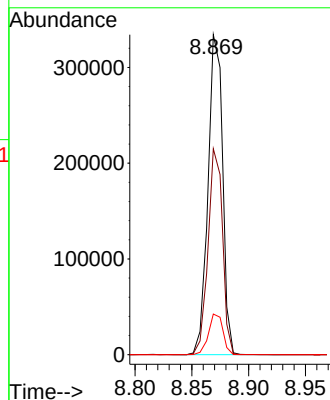
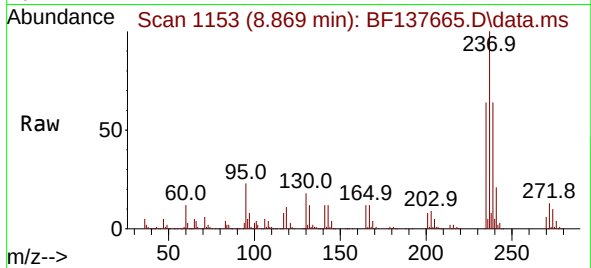




#41
Hexachlorocyclopentadiene
Concen: 92.470 ng
RT: 8.869 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

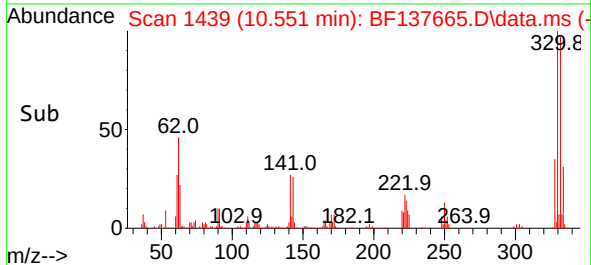
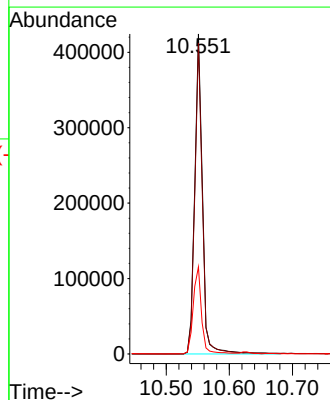
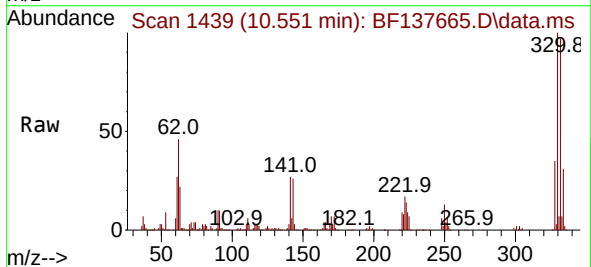
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

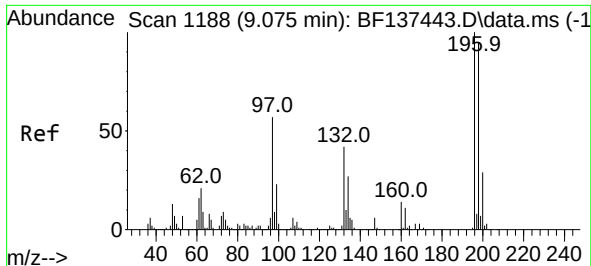
Tgt Ion:237 Resp: 298043
Ion Ratio Lower Upper
237 100
235 64.3 43.6 83.6
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 147.863 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:330 Resp: 361747
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 29.1 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 49.183 ng

RT: 9.004 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

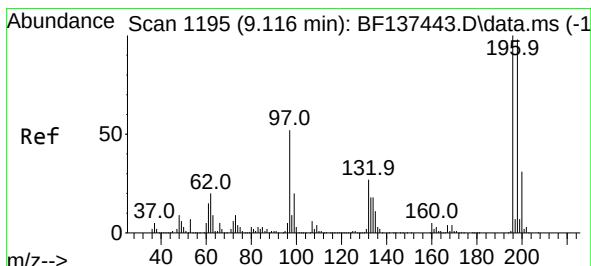
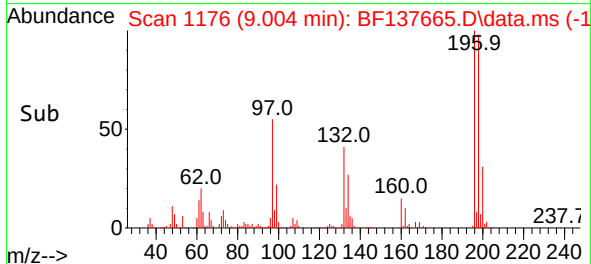
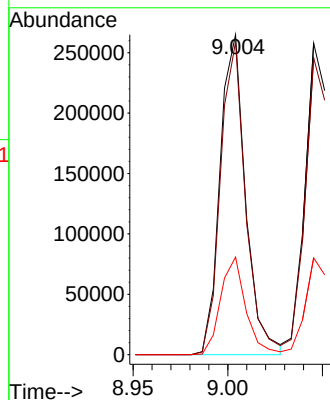
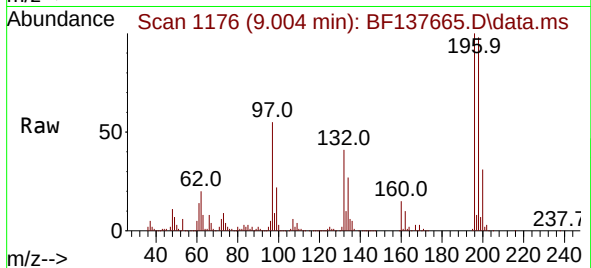
Tgt Ion:196 Resp: 249100

Ion Ratio Lower Upper

196 100

198 97.7 75.8 113.8

200 30.5 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 46.311 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Tgt Ion:196 Resp: 270196

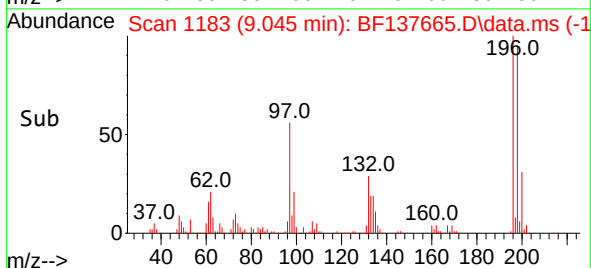
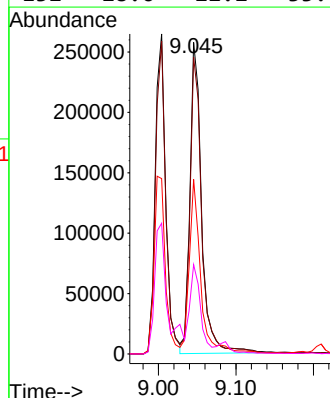
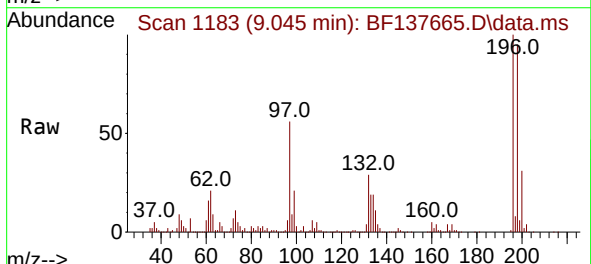
Ion Ratio Lower Upper

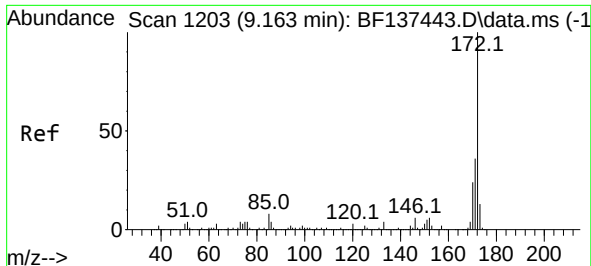
196 100

198 95.2 78.6 117.8

97 56.0 41.8 62.8

132 28.6 22.2 33.4

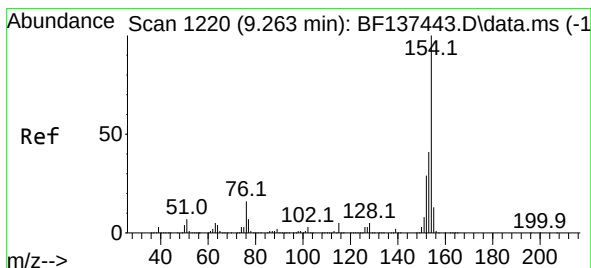
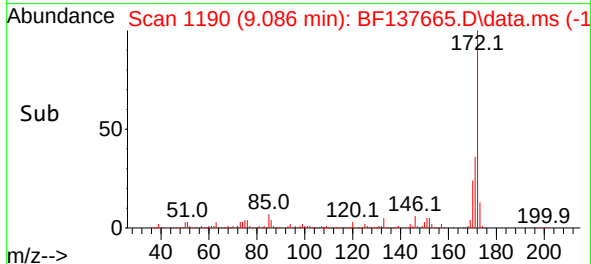
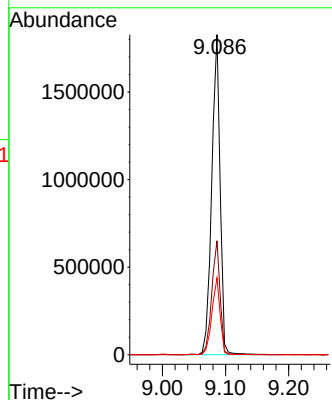
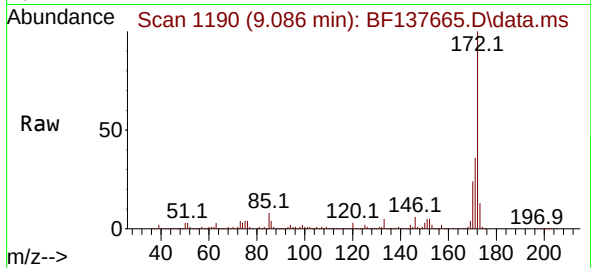




#45
2-Fluorobiphenyl
Concen: 94.340 ng
RT: 9.086 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

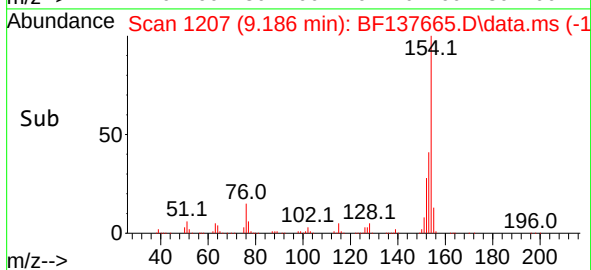
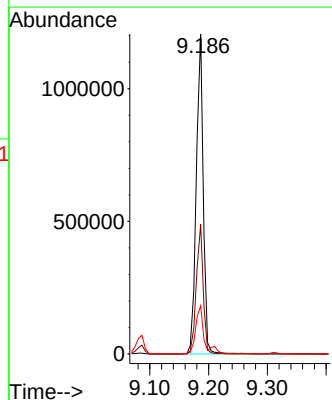
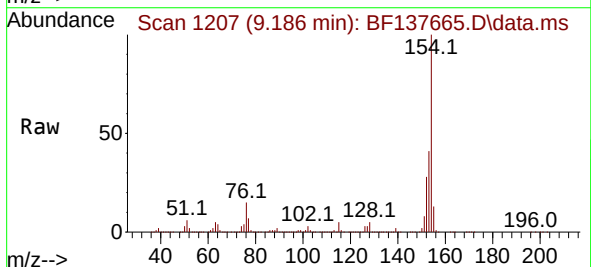
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

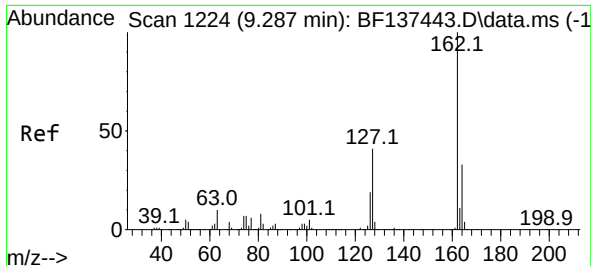
Tgt Ion:172 Resp: 1678980
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.070 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:154 Resp: 1000559
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 15.1 0.0 35.8

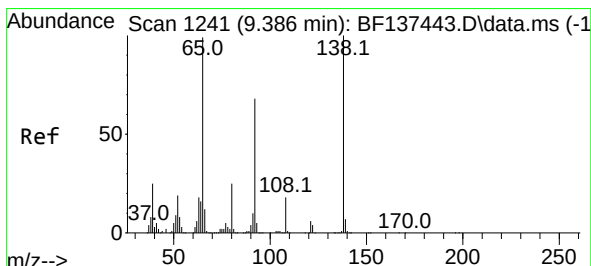
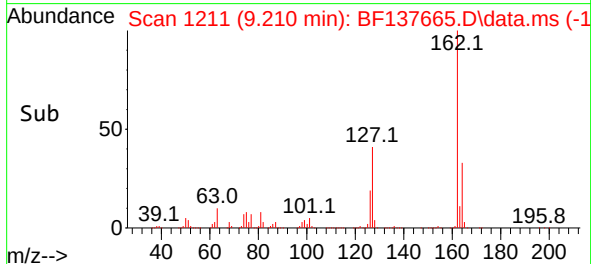
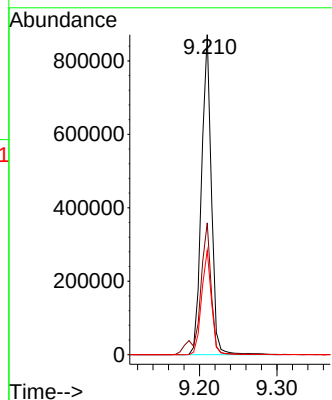
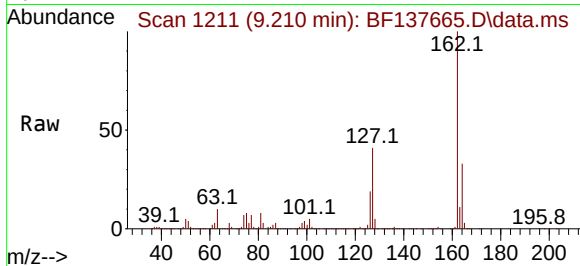




#47
2-Chloronaphthalene
Concen: 49.443 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

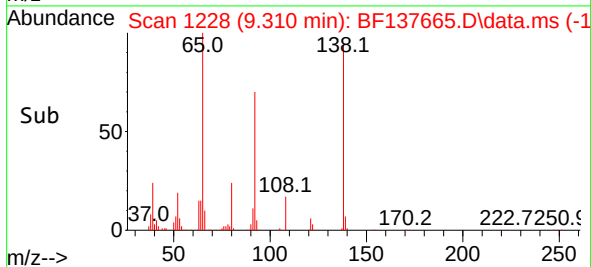
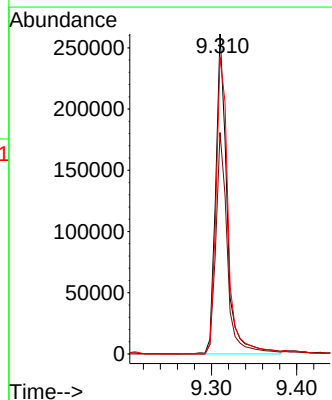
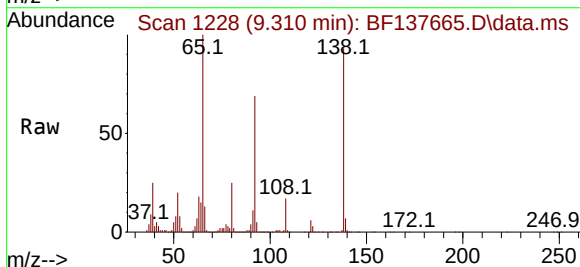
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

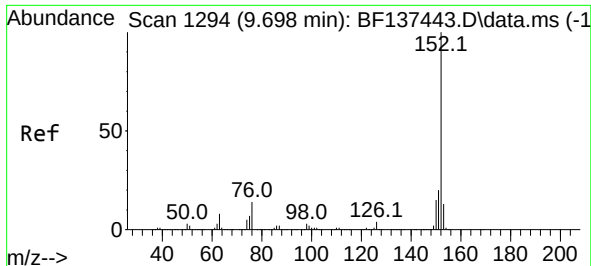
Tgt Ion:162 Resp: 768645
Ion Ratio Lower Upper
162 100
127 41.2 32.6 49.0
164 32.6 26.5 39.7



#48
2-Nitroaniline
Concen: 45.944 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion: 65 Resp: 242764
Ion Ratio Lower Upper
65 100
92 69.2 55.4 83.2
138 92.8 81.0 121.6





#49

Acenaphthylene

Concen: 48.852 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

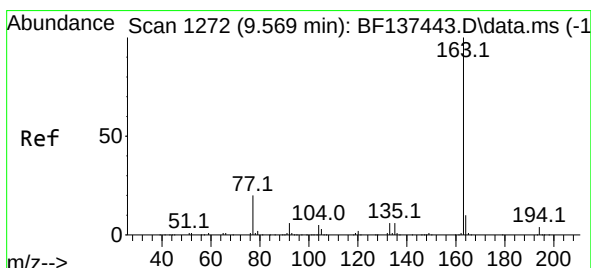
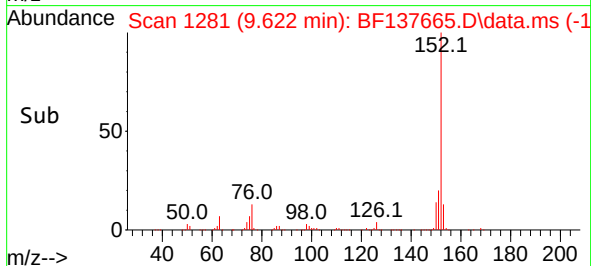
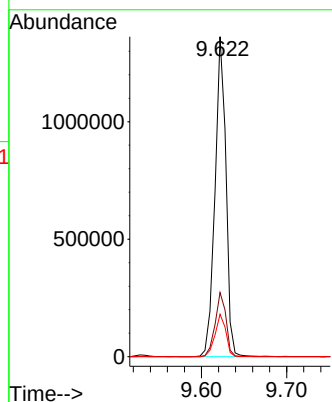
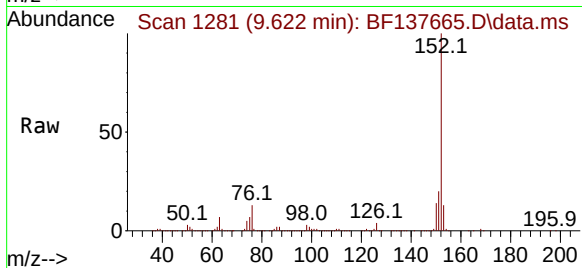
Tgt Ion:152 Resp: 1215378

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 47.621 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

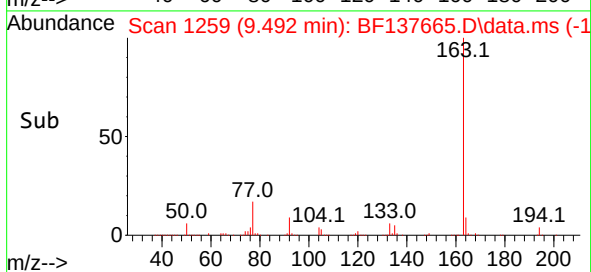
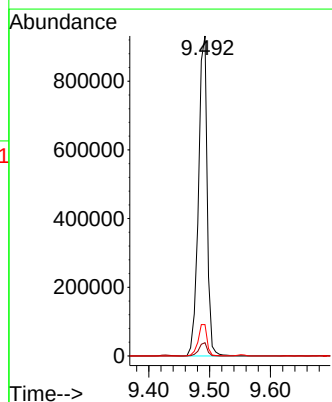
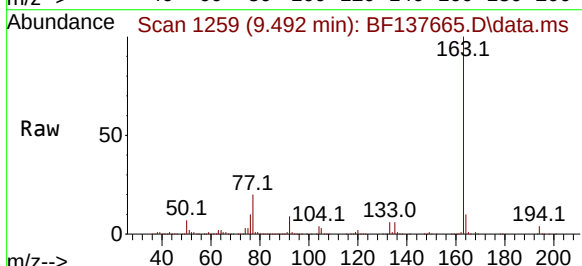
Tgt Ion:163 Resp: 923519

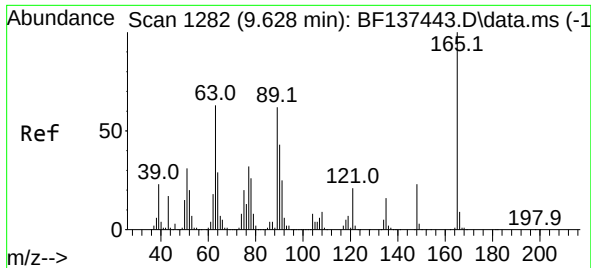
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

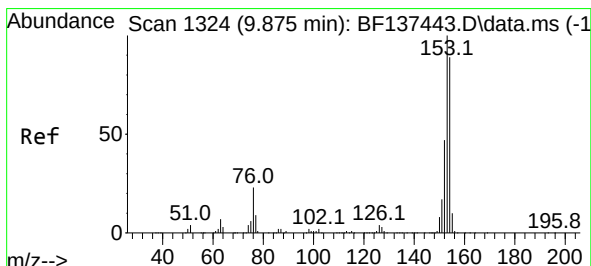
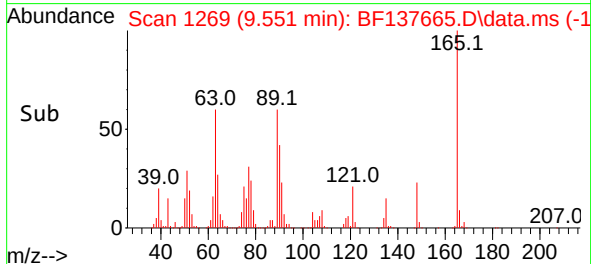
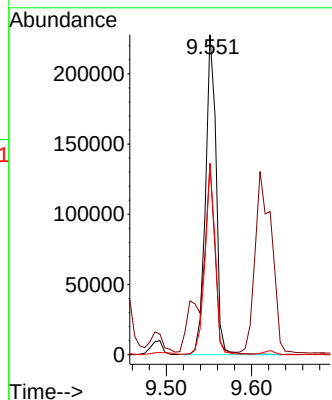
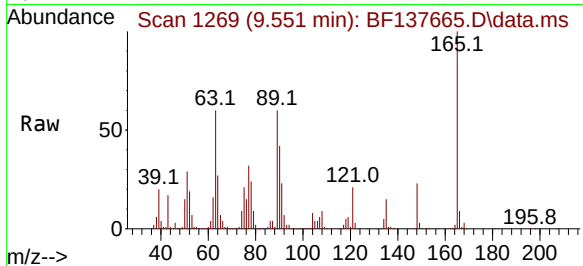




#51
2,6-Dinitrotoluene
Concen: 48.565 ng
RT: 9.551 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

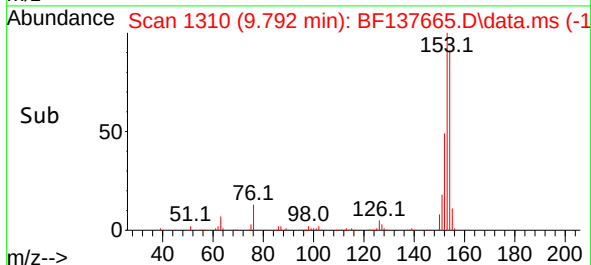
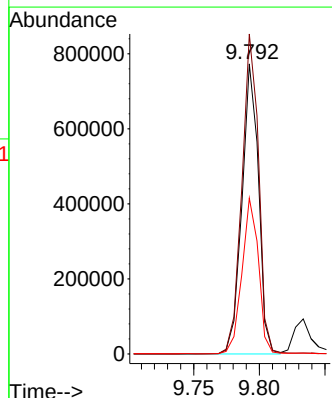
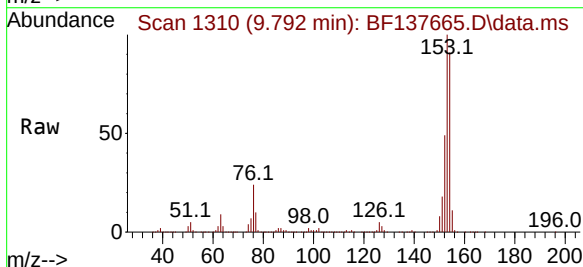
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

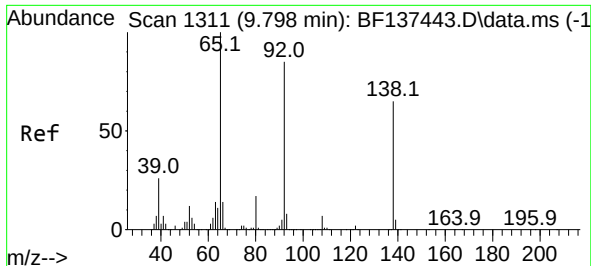
Tgt Ion:165 Resp: 196993
Ion Ratio Lower Upper
165 100
63 59.8 50.7 76.1
89 59.7 50.0 75.0



#52
Acenaphthene
Concen: 45.731 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:154 Resp: 679232
Ion Ratio Lower Upper
154 100
153 110.3 90.3 135.5
152 53.7 42.7 64.1

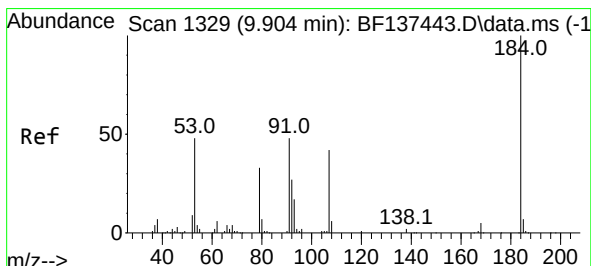
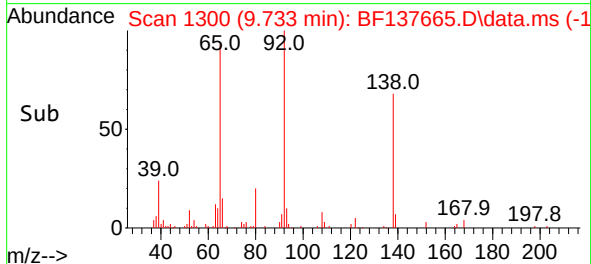
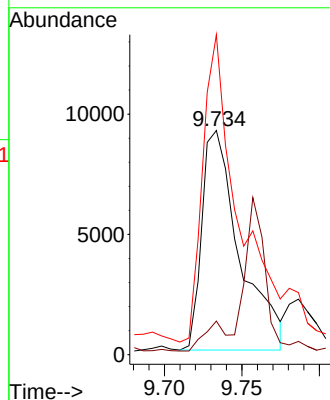
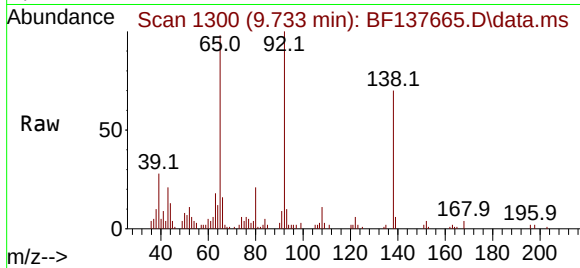




#53
3-Nitroaniline
Concen: 3.615 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

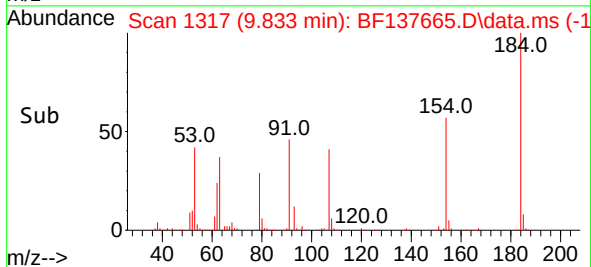
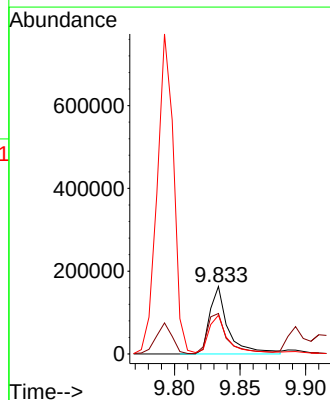
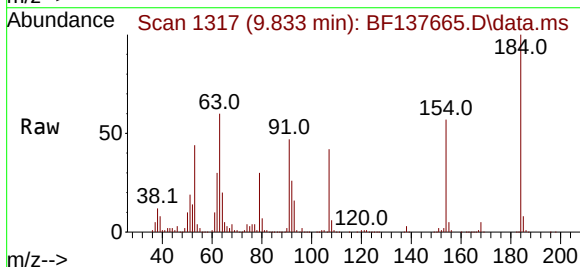
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

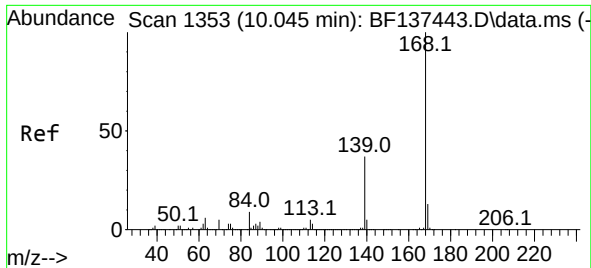
Tgt Ion:138 Resp: 15512
Ion Ratio Lower Upper
138 100
108 15.0 9.1 13.7#
92 142.8 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 80.724 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:184 Resp: 159871
Ion Ratio Lower Upper
184 100
63 60.1 53.3 79.9
154 57.3 47.4 71.0

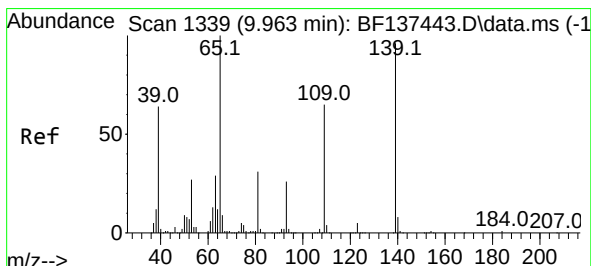
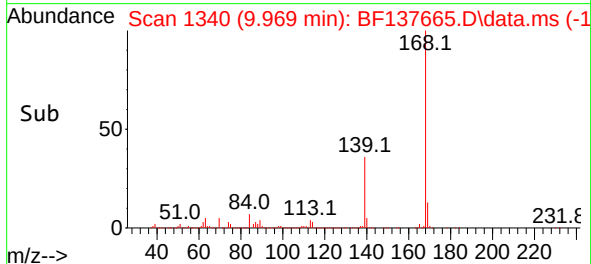
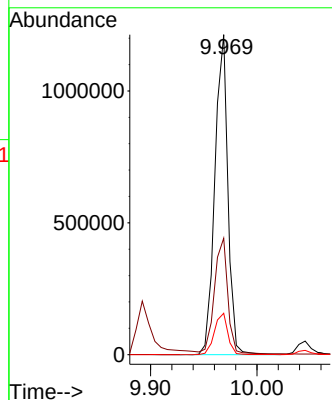
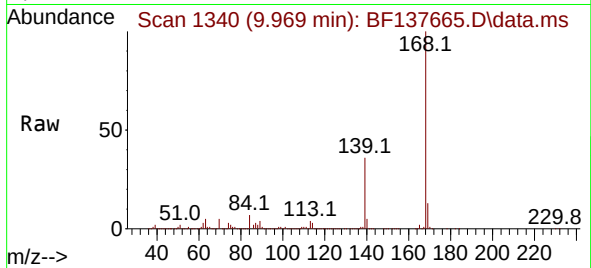




#55
Dibenzenofuran
Concen: 45.693 ng
RT: 9.969 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

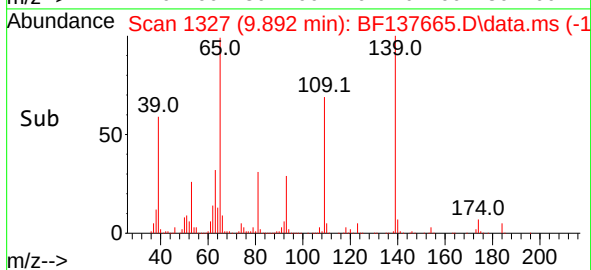
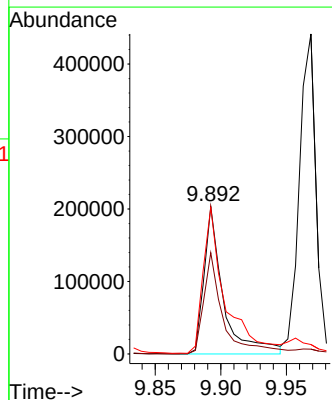
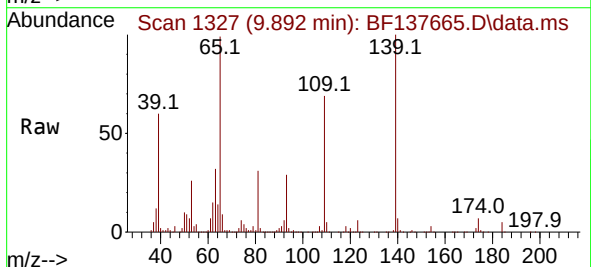
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

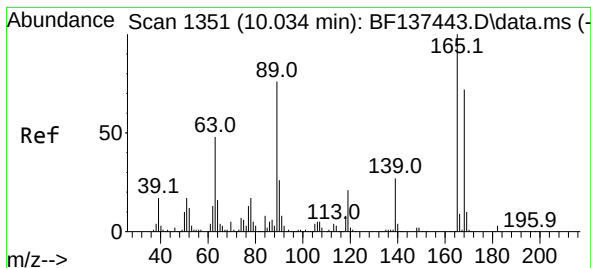
Tgt Ion:168 Resp: 1033664
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 12.9 10.8 16.2



#56
4-Nitrophenol
Concen: 69.084 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:139 Resp: 208879
Ion Ratio Lower Upper
139 100
109 68.6 47.1 87.1
65 99.4 85.1 125.1

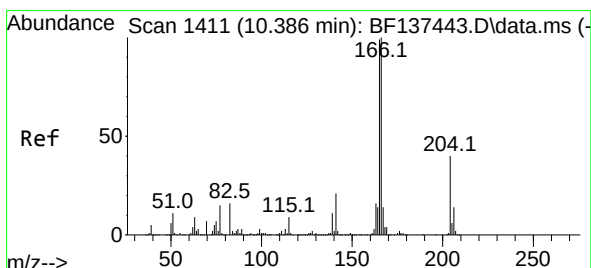
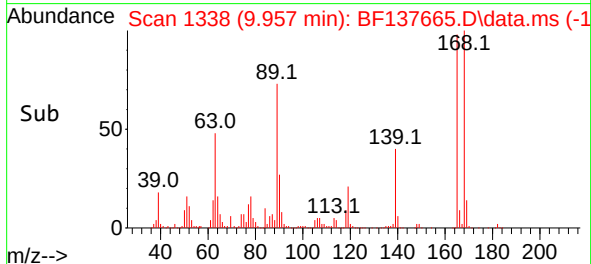
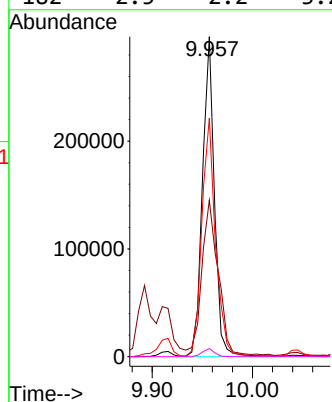
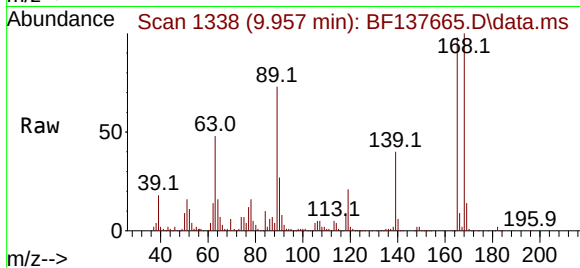




#57
2,4-Dinitrotoluene
Concen: 49.444 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

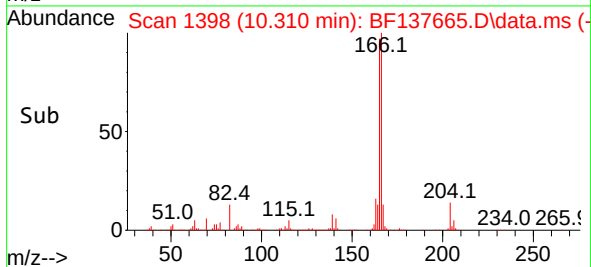
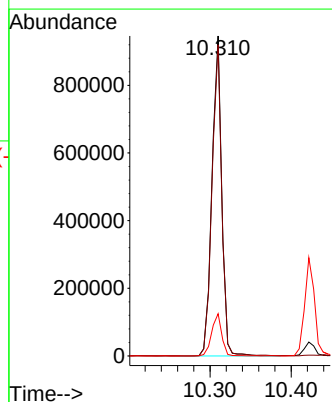
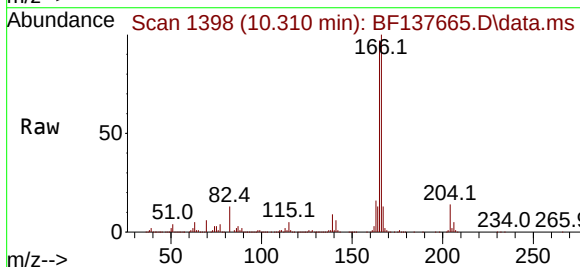
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

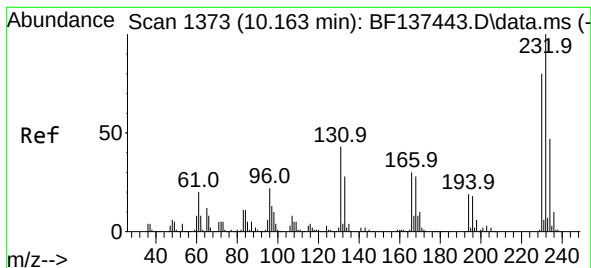
Tgt Ion:165 Resp: 246401
Ion Ratio Lower Upper
165 100
63 48.9 39.0 58.6
89 74.6 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 45.131 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:166 Resp: 784082
Ion Ratio Lower Upper
166 100
165 97.2 79.2 118.8
167 13.2 11.0 16.6

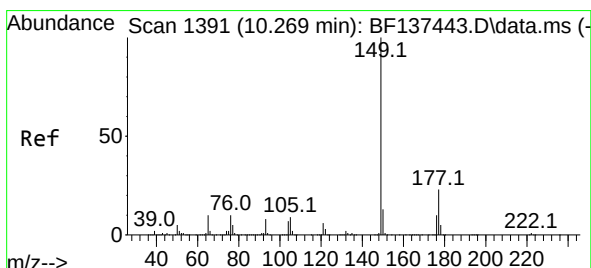
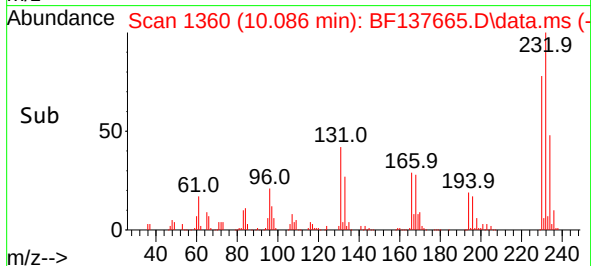
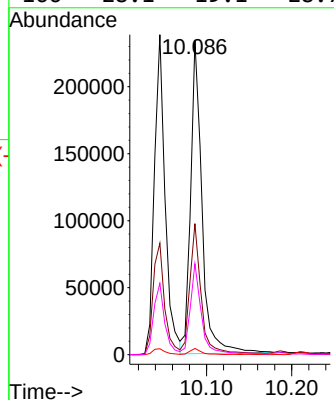
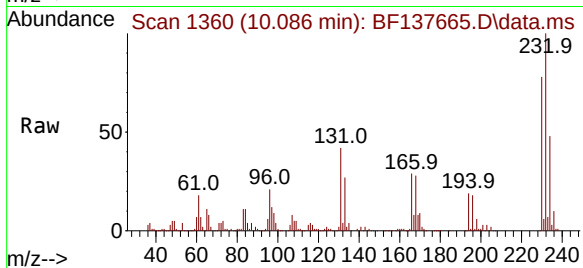




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.283 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

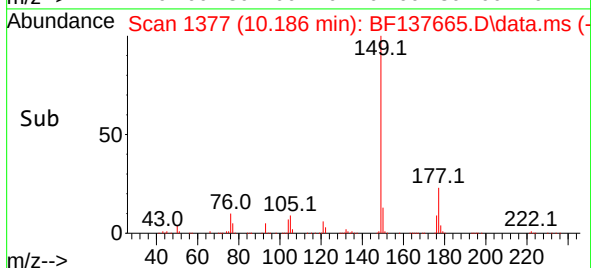
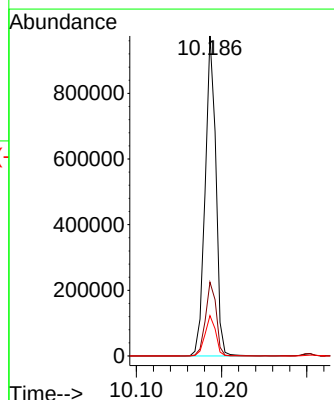
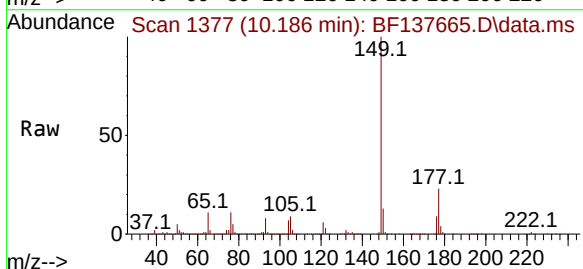
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

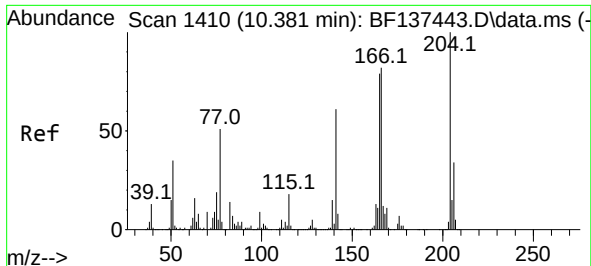
Tgt Ion:232 Resp: 216543
Ion Ratio Lower Upper
232 100
131 40.9 31.2 46.8
130 2.0 1.8 2.6
166 28.1 19.1 28.7



#60
Diethylphthalate
Concen: 46.426 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:149 Resp: 850227
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.6 10.2 15.4

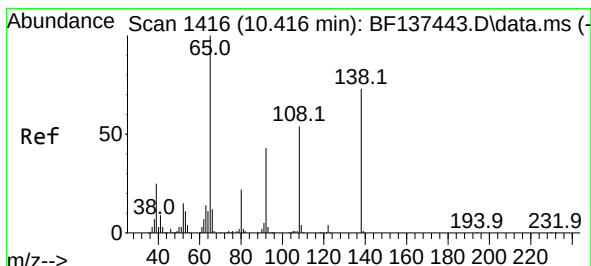
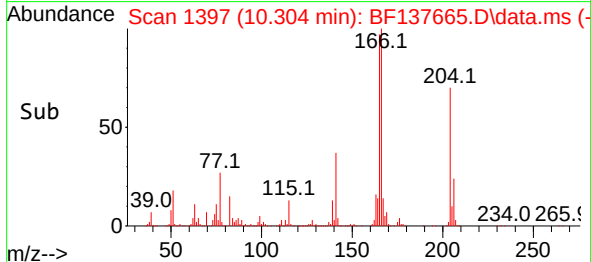
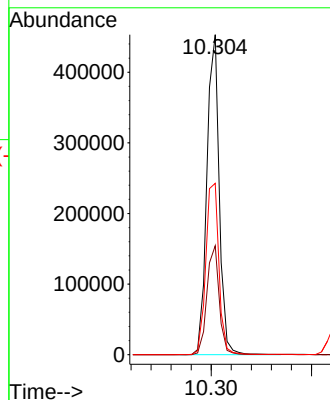
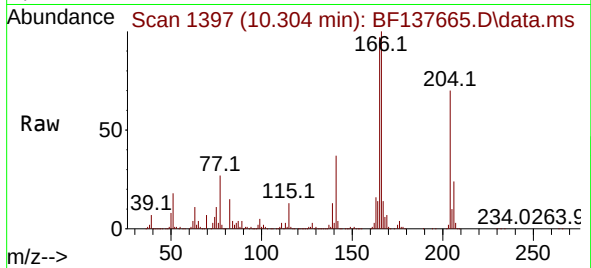




#61
4-Chlorophenyl-phenylether
Concen: 45.722 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

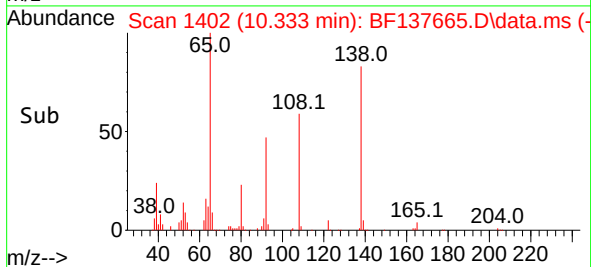
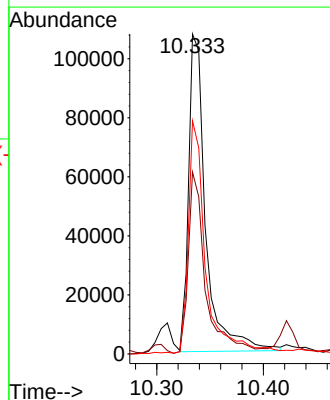
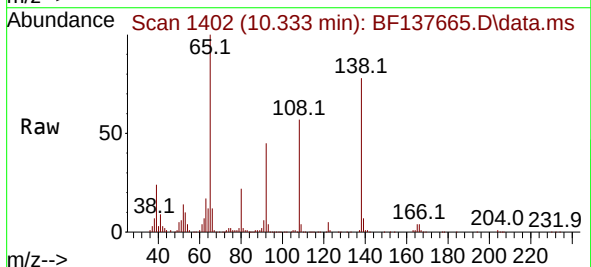
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

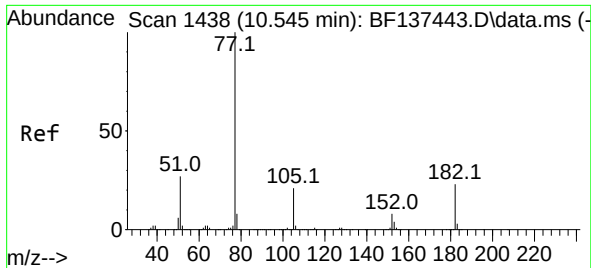
Tgt Ion:204 Resp: 389305
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 53.5 48.4 72.6



#62
4-Nitroaniline
Concen: 32.685 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:138 Resp: 120528
Ion Ratio Lower Upper
138 100
92 56.9 37.9 77.9
108 72.8 53.2 93.2

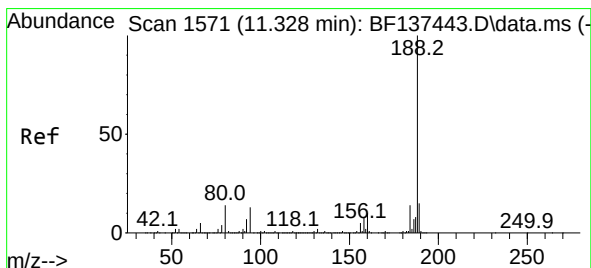
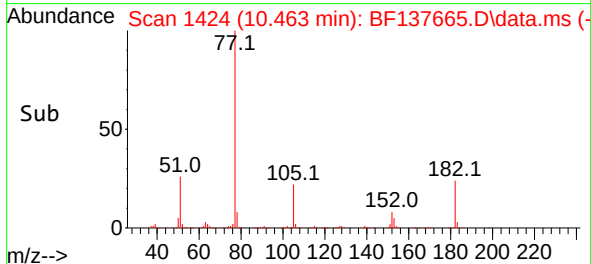
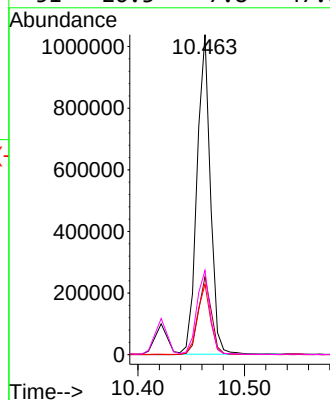
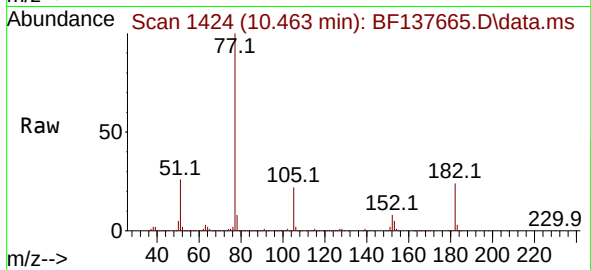




#63
Azobenzene
Concen: 42.829 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

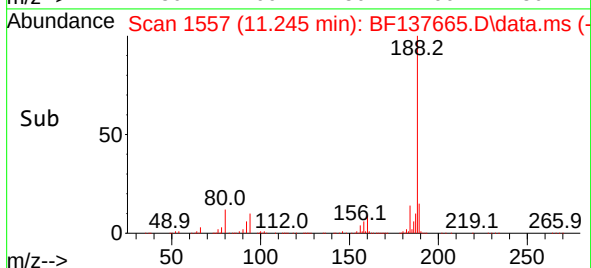
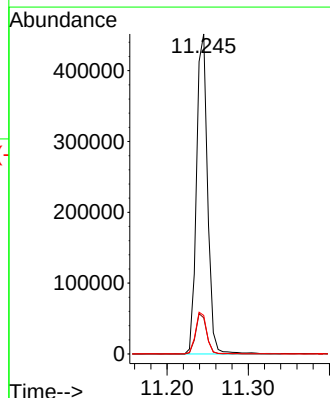
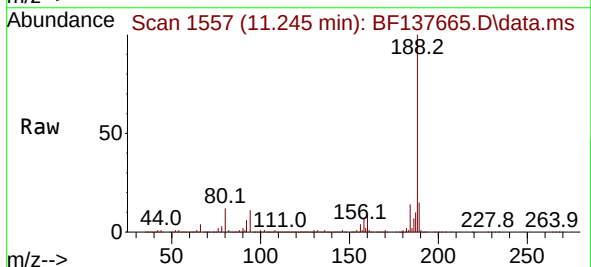
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

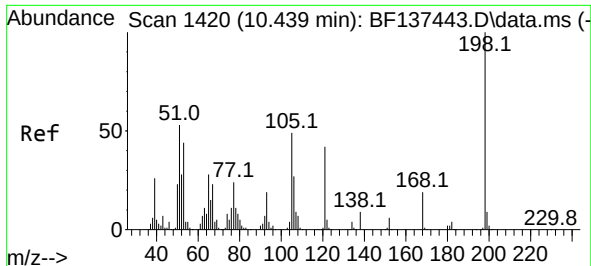
Tgt Ion:	77	Resp:	903162
Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.2	43.2
105	22.0	1.2	41.2
51	26.3	7.8	47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:	188	Resp:	431038
Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.6	15.8
80	12.1	11.5	17.3

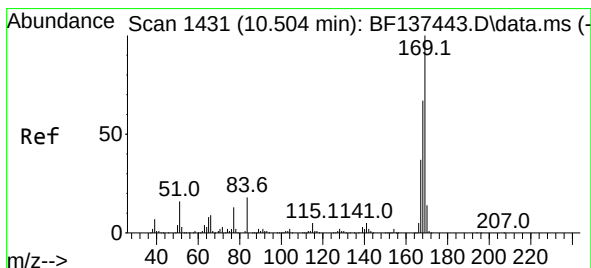
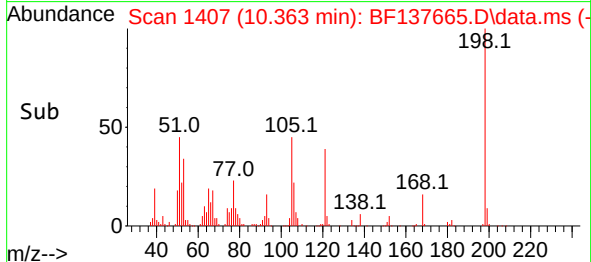
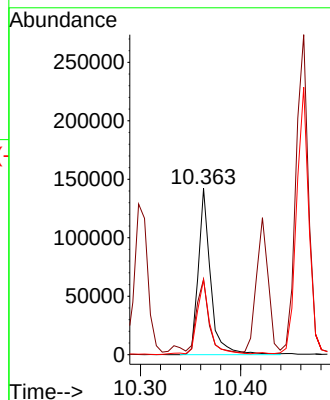
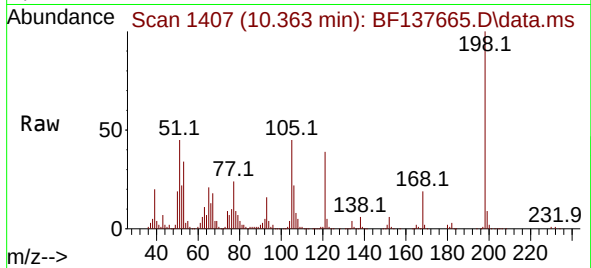




#65
4,6-Dinitro-2-methylphenol
Concen: 50.294 ng
RT: 10.363 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

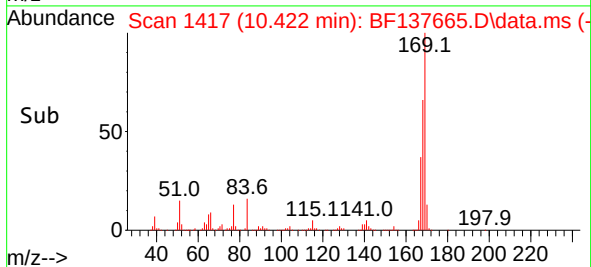
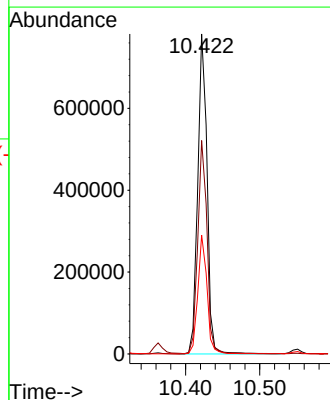
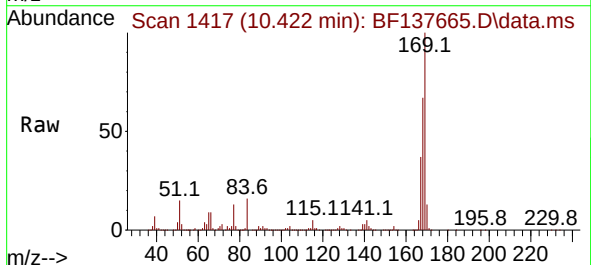
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

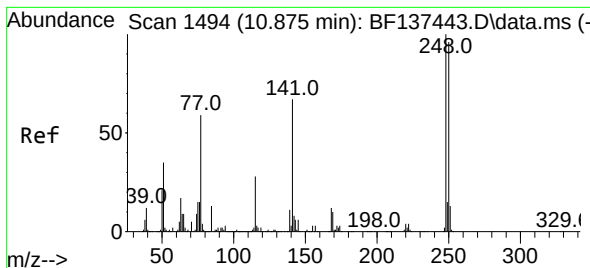
Tgt Ion:198 Resp: 120824
Ion Ratio Lower Upper
198 100
51 45.4 37.2 77.2
105 45.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.886 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:169 Resp: 678538
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 37.1 29.6 44.4

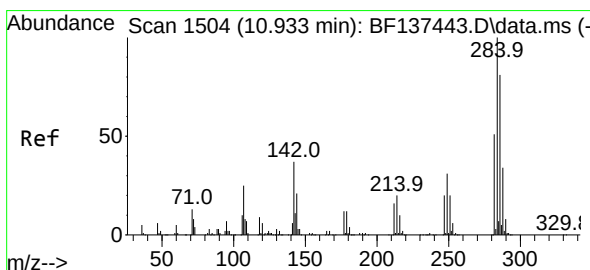
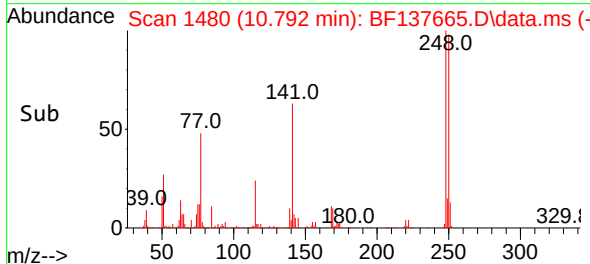
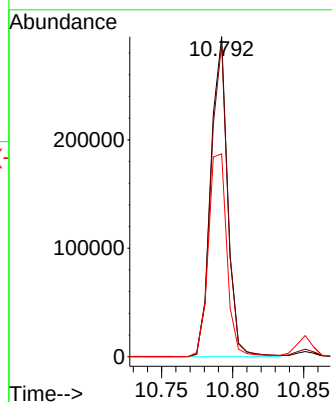
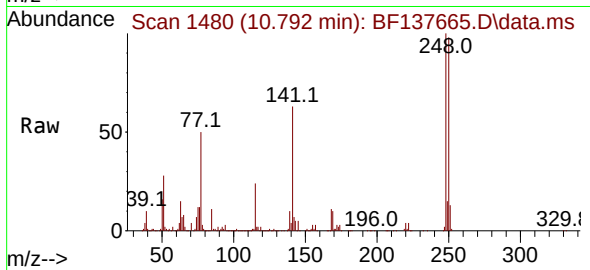




#67
4-Bromophenyl-phenylether
Concen: 51.852 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

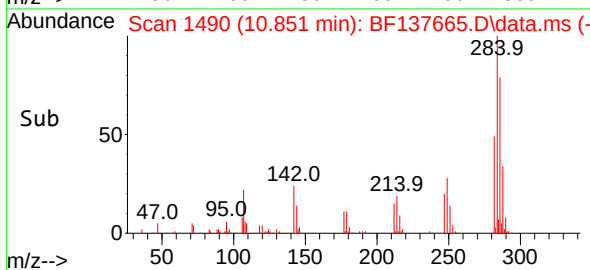
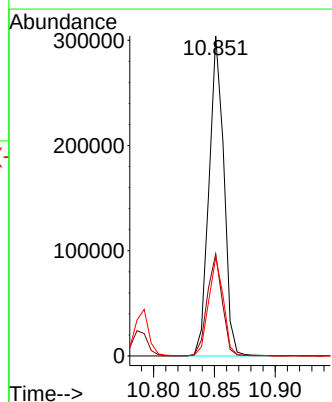
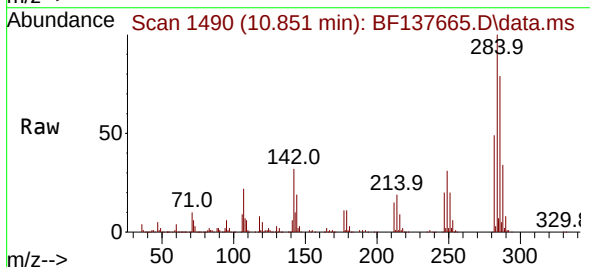
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

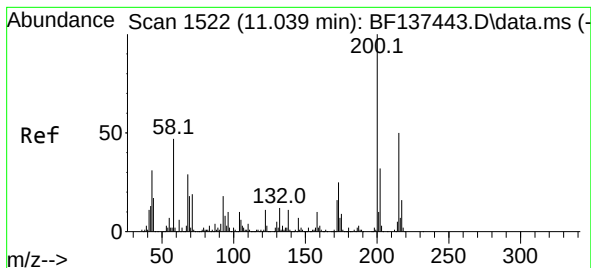
Tgt Ion:248 Resp: 243434
Ion Ratio Lower Upper
248 100
250 97.9 76.8 115.2
141 63.4 53.4 80.0



#68
Hexachlorobenzene
Concen: 54.215 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:284 Resp: 257077
Ion Ratio Lower Upper
284 100
142 31.9 29.4 44.0
249 30.9 25.0 37.4





#69

Atrazine

Concen: 41.057 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

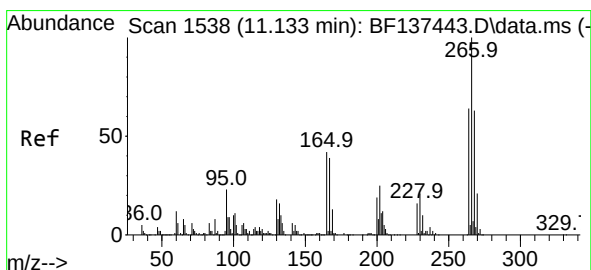
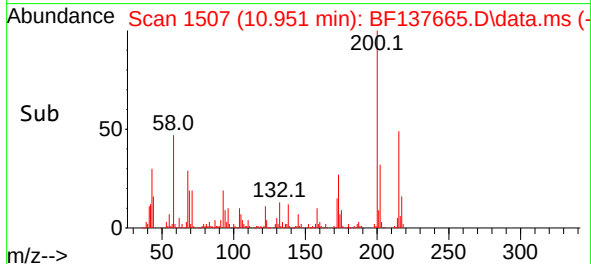
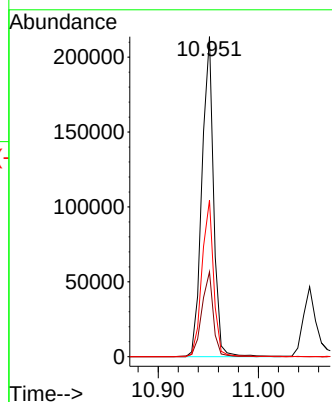
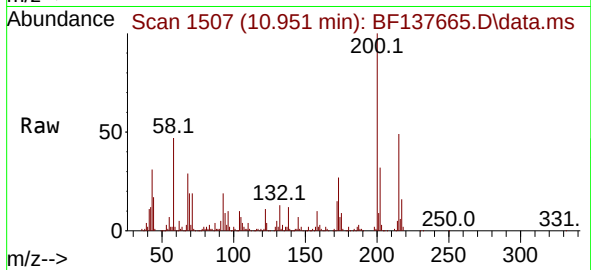
Tgt Ion:200 Resp: 173239

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

215 48.9 30.4 70.4



#70

Pentachlorophenol

Concen: 90.978 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

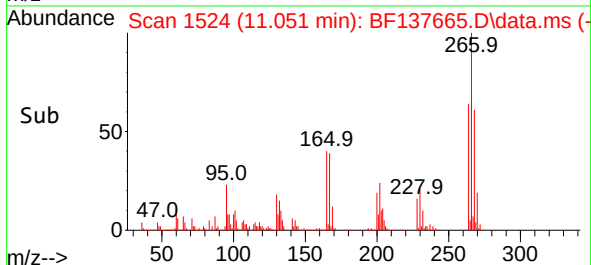
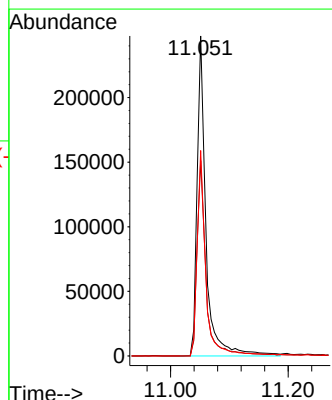
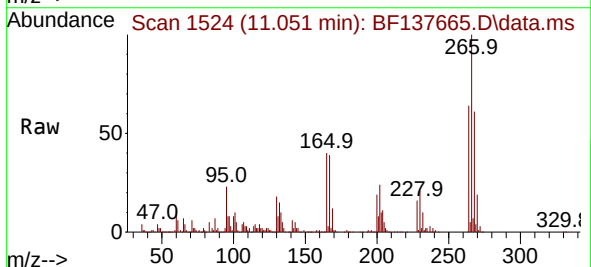
Tgt Ion:266 Resp: 260790

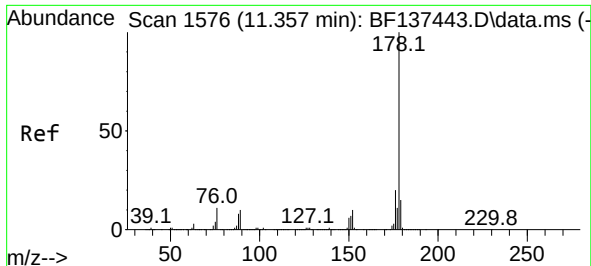
Ion Ratio Lower Upper

266 100

268 61.0 50.2 75.2

264 64.2 50.9 76.3

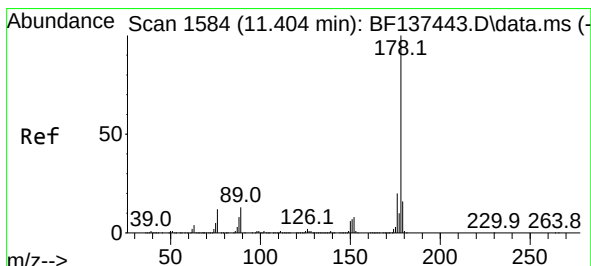
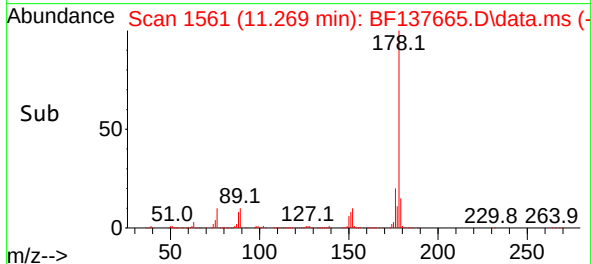
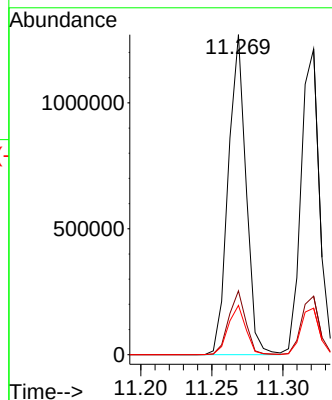
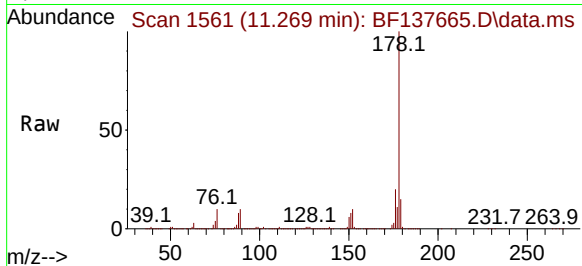




#71
Phenanthrene
Concen: 46.989 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

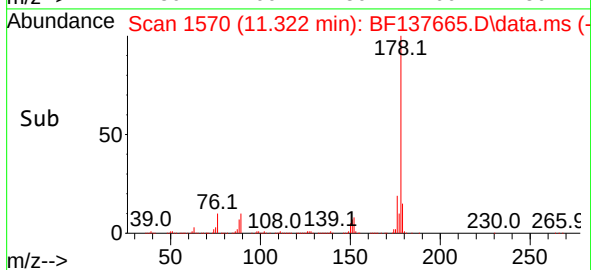
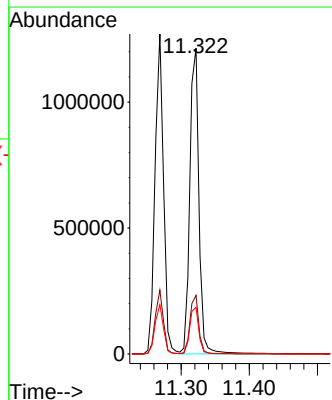
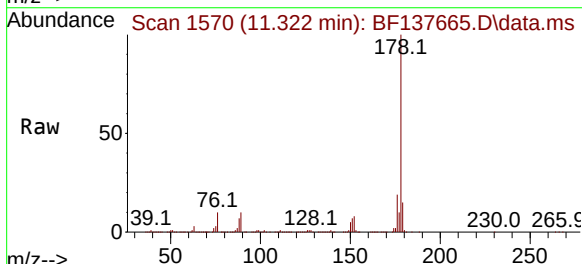
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

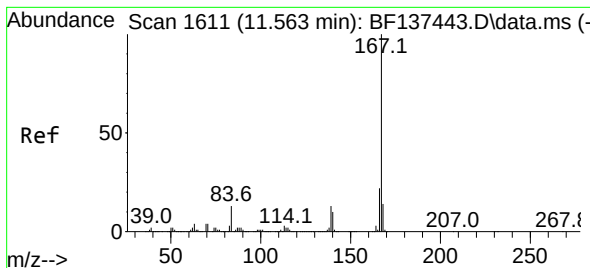
Tgt Ion:178 Resp: 1102270
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.4 12.2 18.2



#72
Anthracene
Concen: 46.298 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:178 Resp: 1115448
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.2 12.7 19.1





#73

Carbazole

Concen: 44.887 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

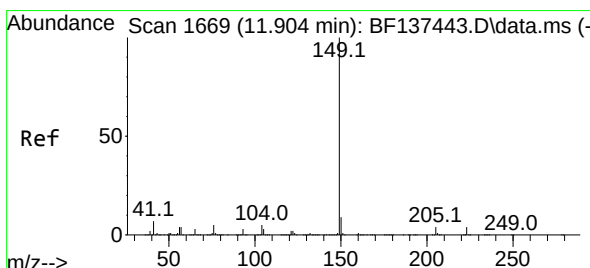
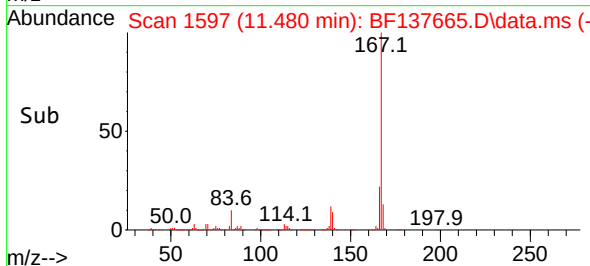
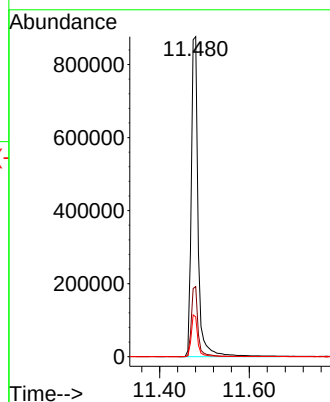
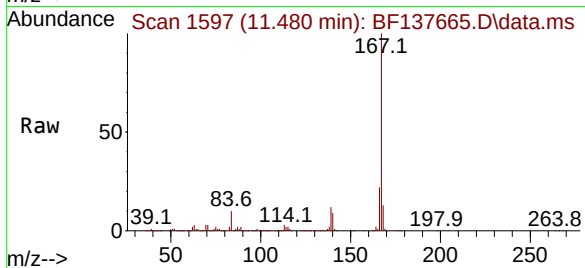
Tgt Ion:167 Resp: 926338

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 12.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.920 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

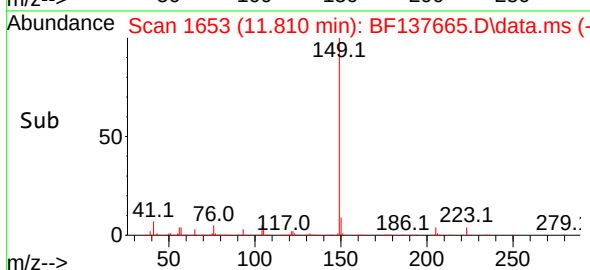
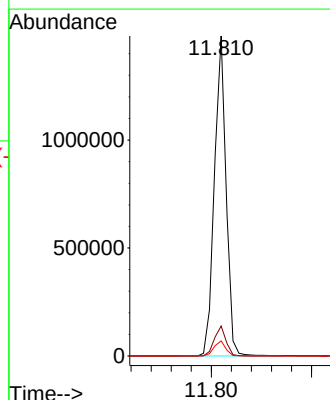
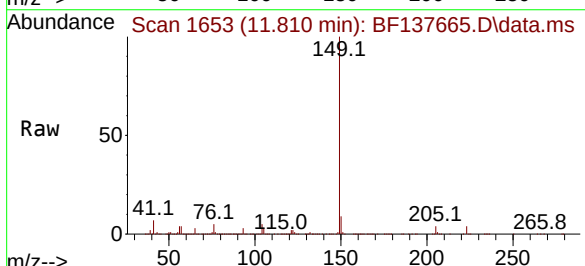
Tgt Ion:149 Resp: 1201148

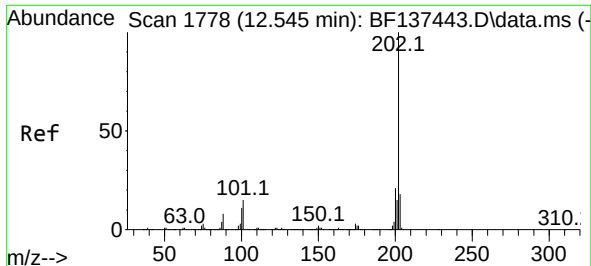
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.7 3.8 5.6

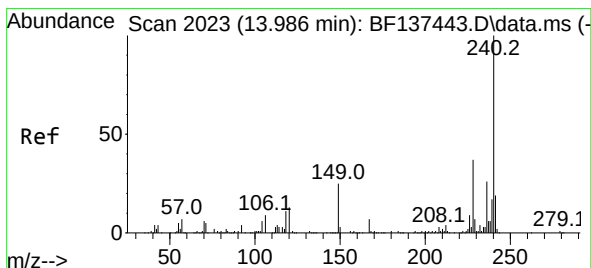
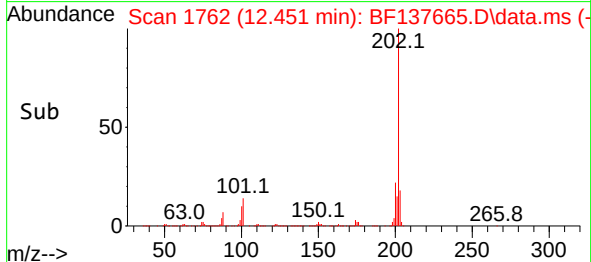
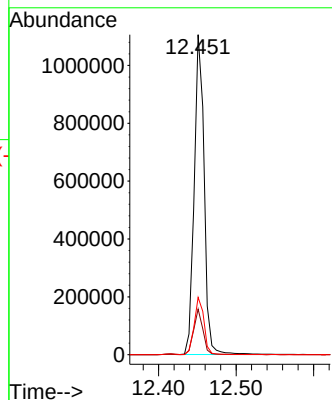
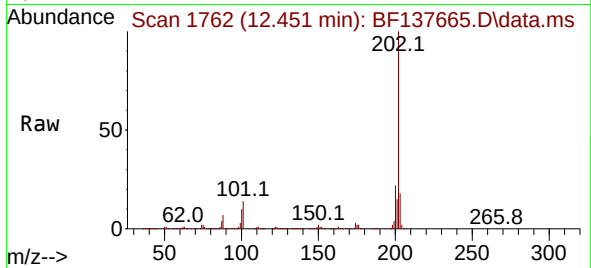




#75
Fluoranthene
Concen: 43.012 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

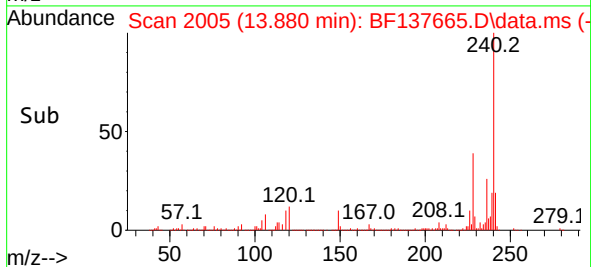
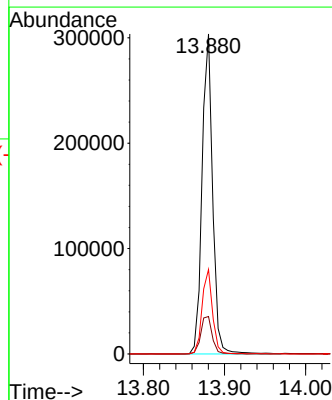
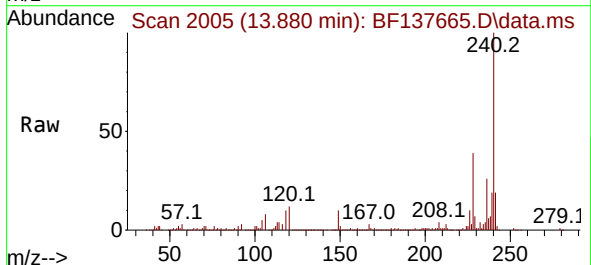
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

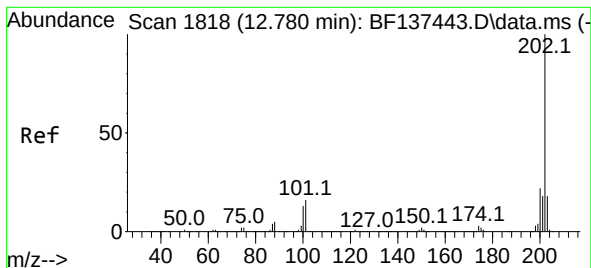
Tgt Ion:202 Resp: 986240
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.0
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:240 Resp: 274642
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 26.4 20.9 31.3





#78

Pyrene

Concen: 37.605 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

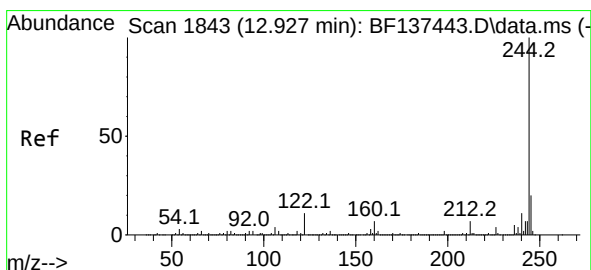
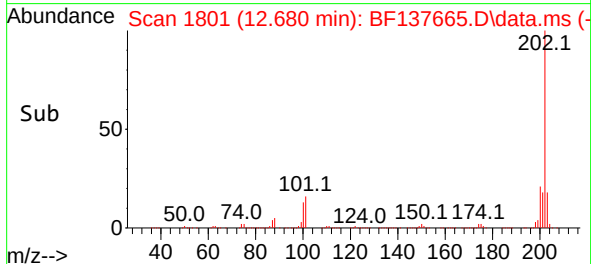
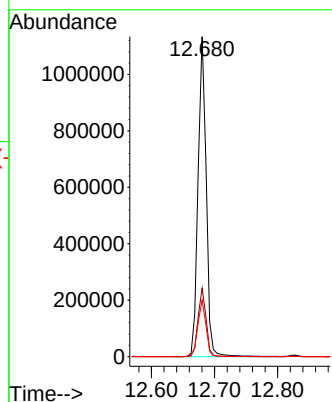
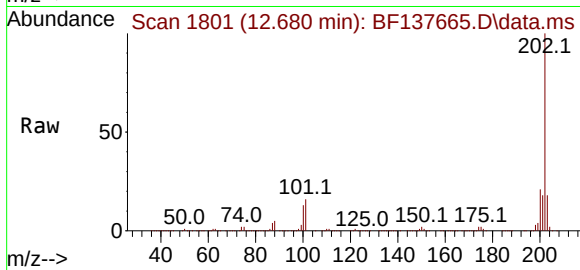
Tgt Ion:202 Resp: 1013402

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 17.7 14.1 21.1



#79

Terphenyl-d14

Concen: 76.202 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

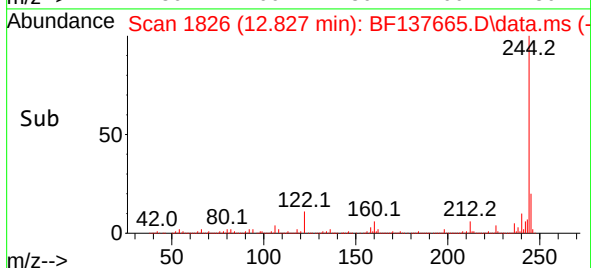
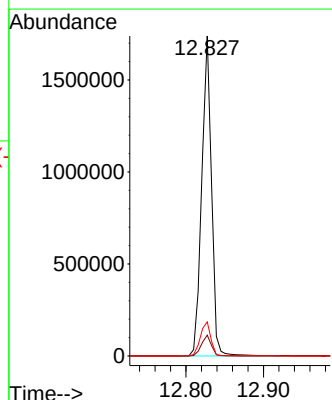
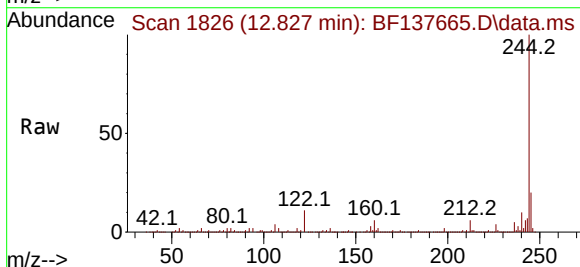
Tgt Ion:244 Resp: 1521942

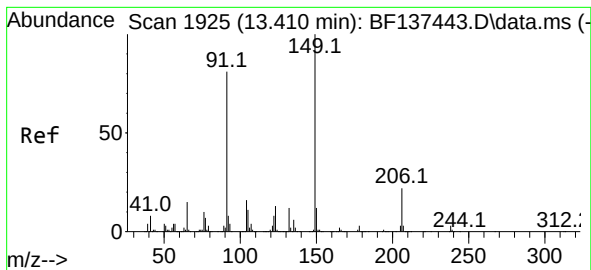
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.7 9.1 13.7

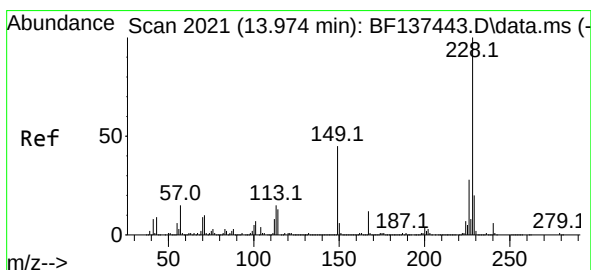
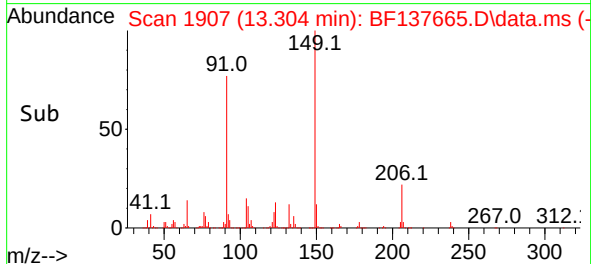
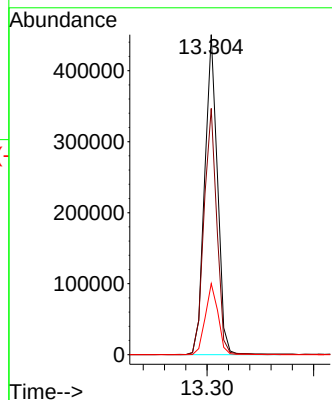
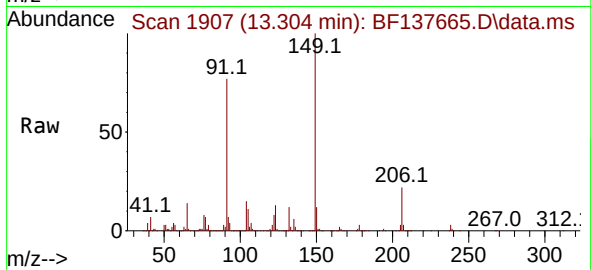




#80
Butylbenzylphthalate
Concen: 54.637 ng
RT: 13.304 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

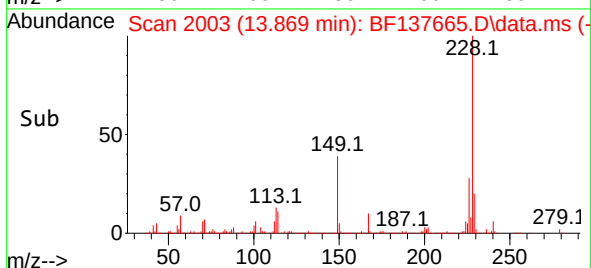
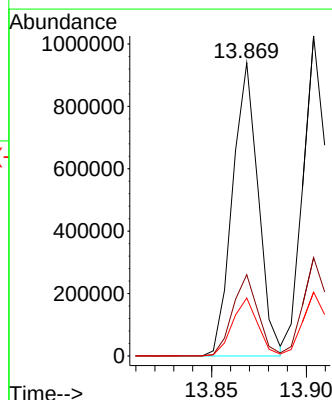
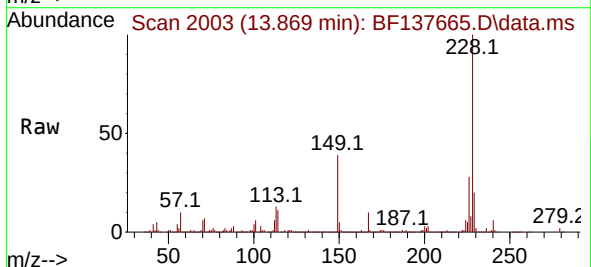
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

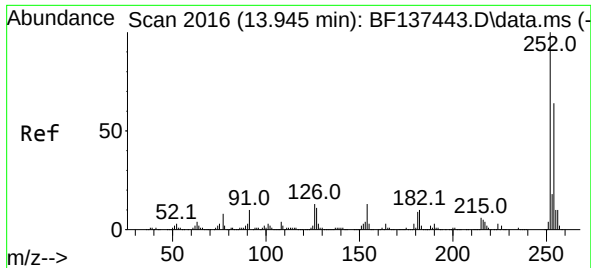
Tgt Ion:149 Resp: 376029
Ion Ratio Lower Upper
149 100
91 77.0 64.7 97.1
206 22.2 17.5 26.3



#81
Benzo(a)anthracene
Concen: 46.073 ng
RT: 13.869 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:228 Resp: 886881
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 16.3 24.5





#82

3,3'-Dichlorobenzidine

Concen: 9.167 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

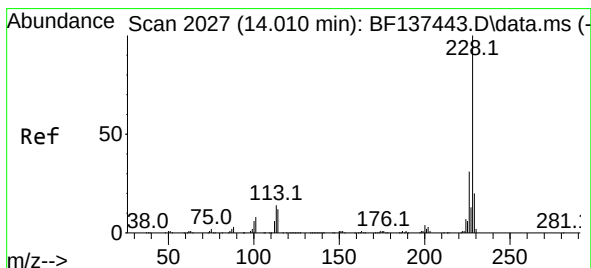
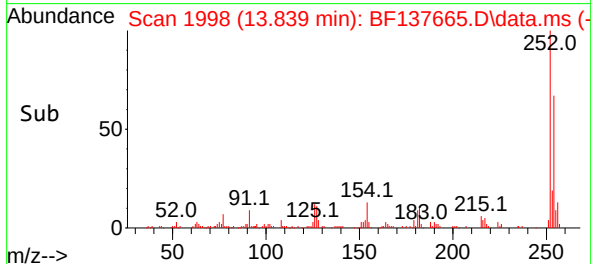
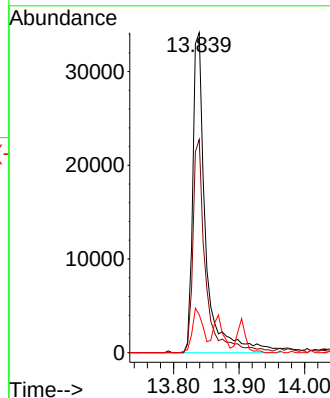
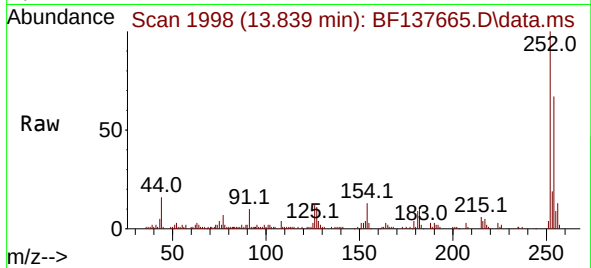
Tgt Ion:252 Resp: 46989

Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.2

126 11.9 10.4 15.6



#83

Chrysene

Concen: 47.364 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

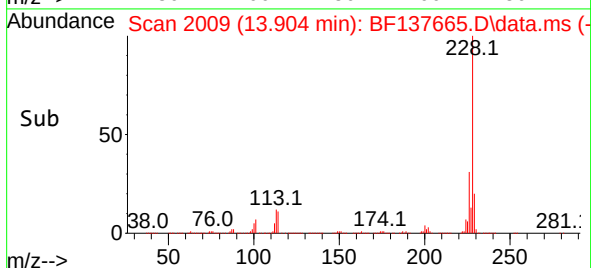
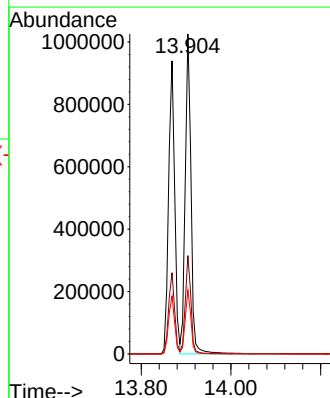
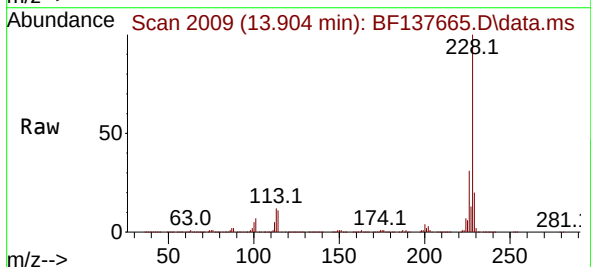
Tgt Ion:228 Resp: 921472

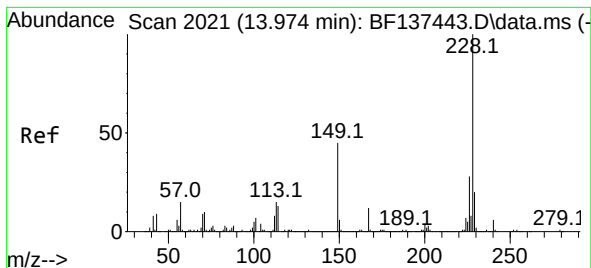
Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.9 15.9 23.9

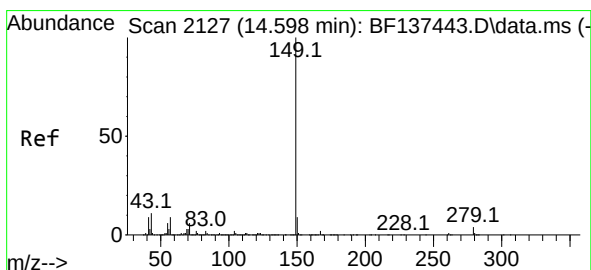
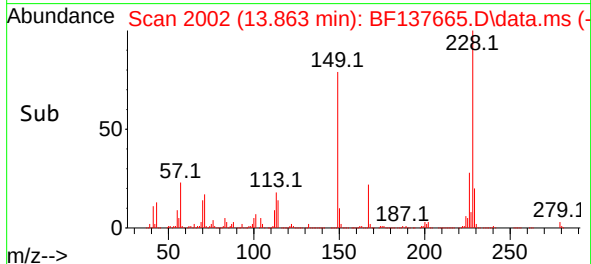
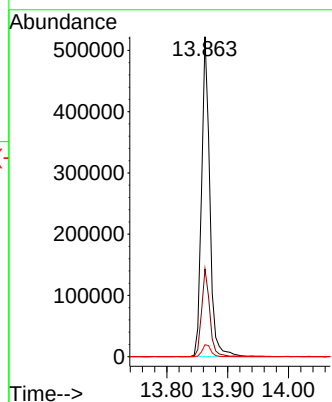
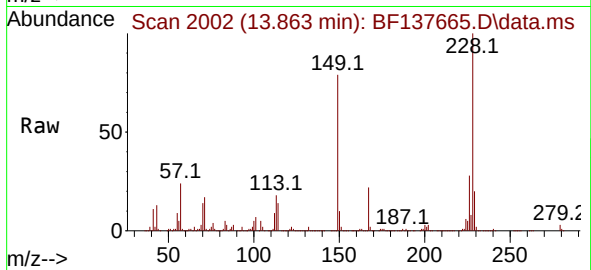




#84
Bis(2-ethylhexyl)phthalate
Concen: 56.128 ng
RT: 13.863 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

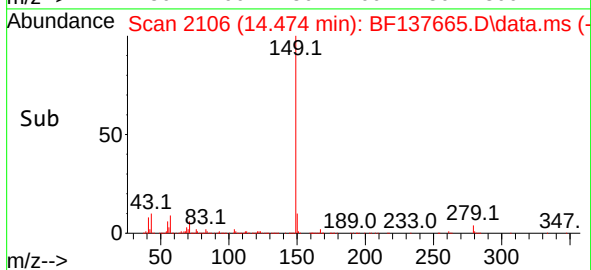
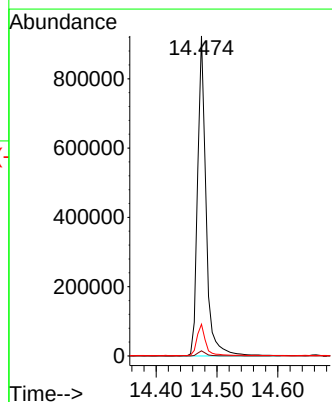
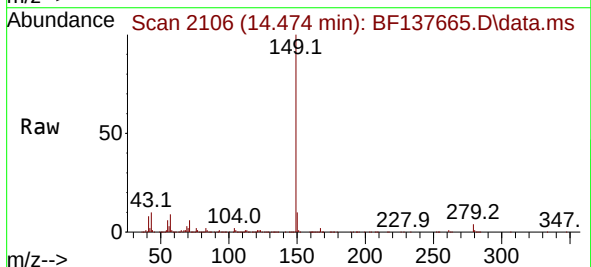
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

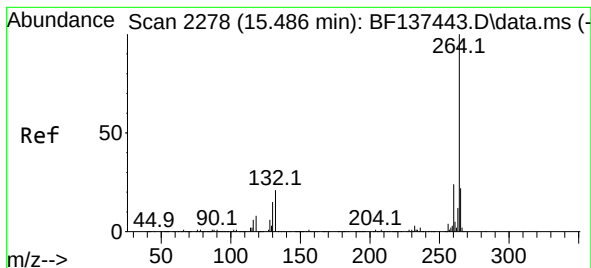
Tgt Ion:149 Resp: 490986
Ion Ratio Lower Upper
149 100
167 27.4 21.3 31.9
279 3.8 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 52.316 ng
RT: 14.474 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:149 Resp: 891622
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

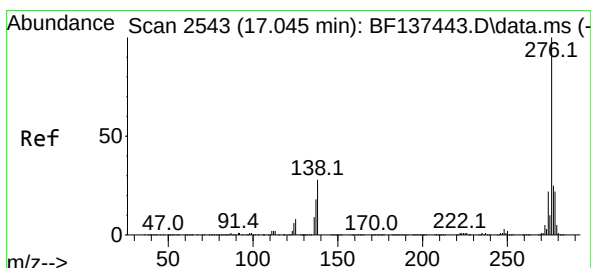
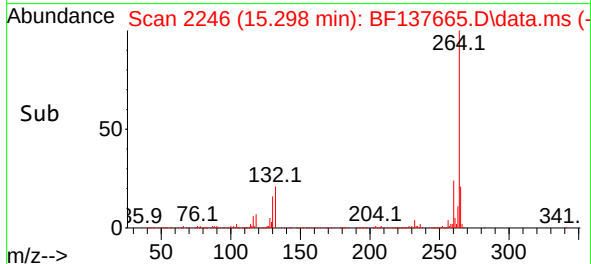
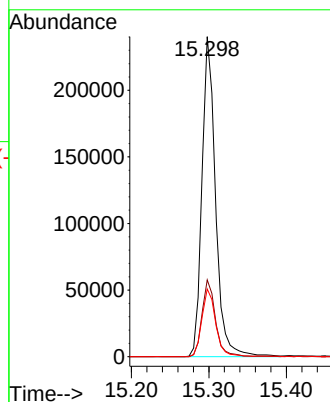
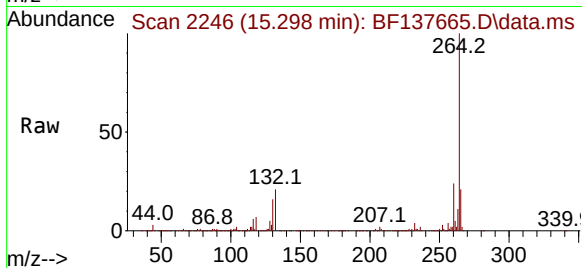
Tgt Ion:264 Resp: 293003

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.2 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 40.114 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

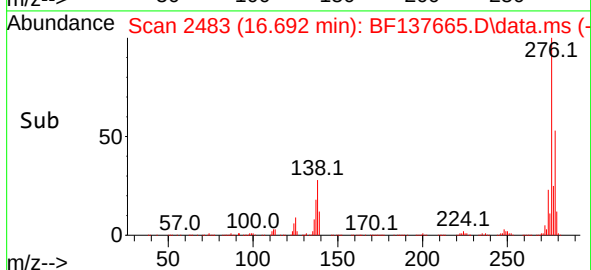
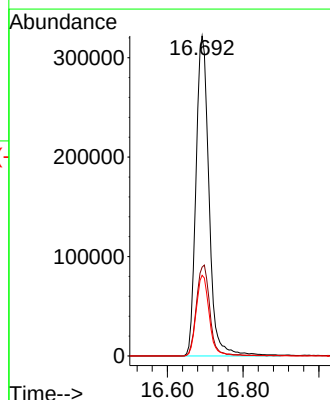
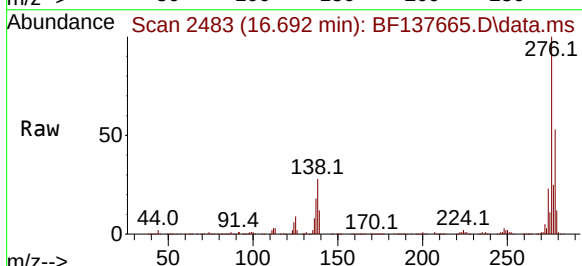
Tgt Ion:276 Resp: 773466

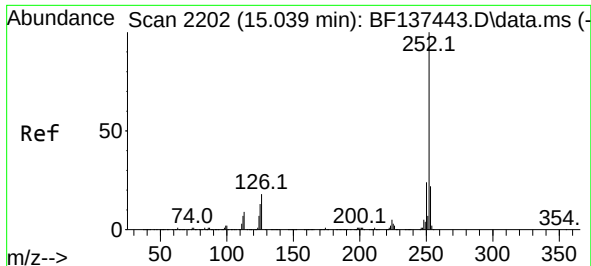
Ion Ratio Lower Upper

276 100

138 29.1 25.8 38.8

277 25.3 20.2 30.2

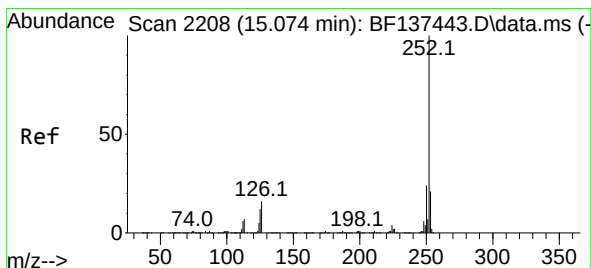
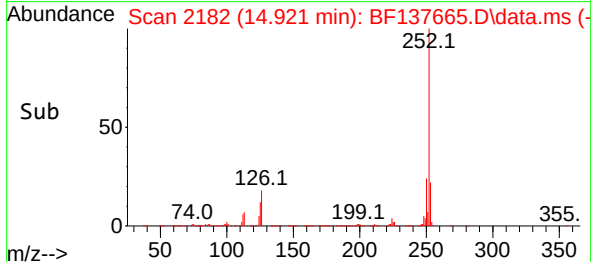
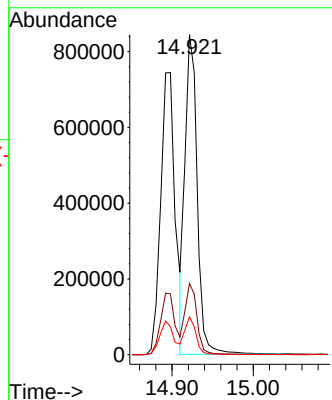
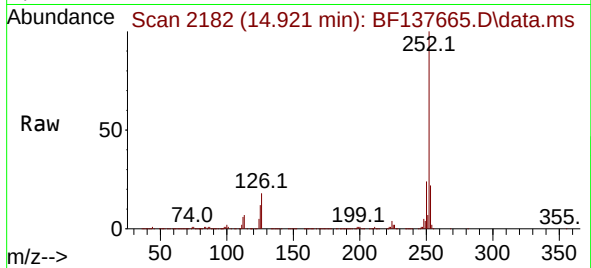




#88
Benzo(b)fluoranthene
Concen: 50.651 ng
RT: 14.921 min Scan# 2182
Delta R.T. 0.029 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

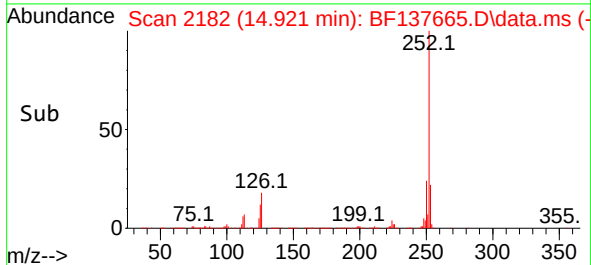
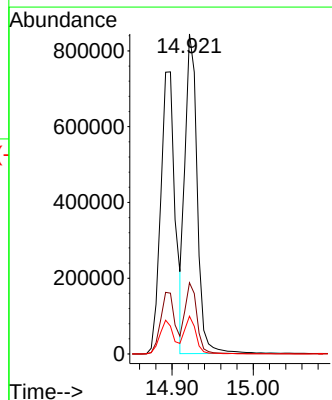
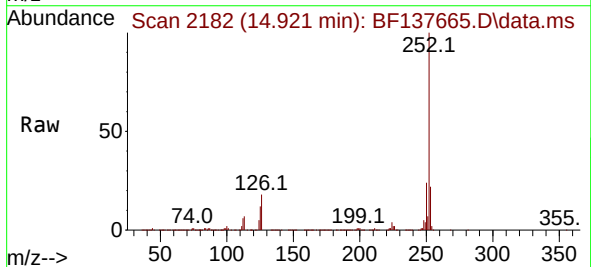
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMSD

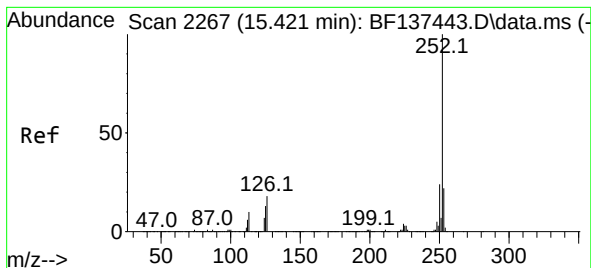
Tgt Ion:252 Resp: 877900
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.8 10.1 15.1



#89
Benzo(k)fluoranthene
Concen: 47.157 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BF137665.D
Acq: 21 Mar 2024 17:26

Tgt Ion:252 Resp: 877900
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.8 9.6 14.4





#90

Benzo(a)pyrene

Concen: 48.592 ng

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMSD

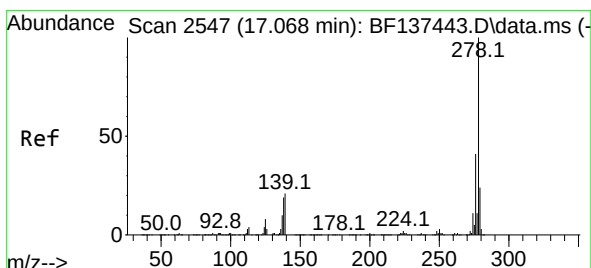
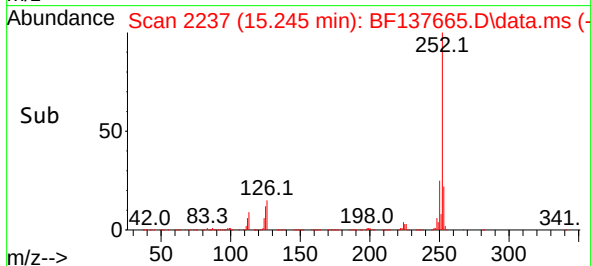
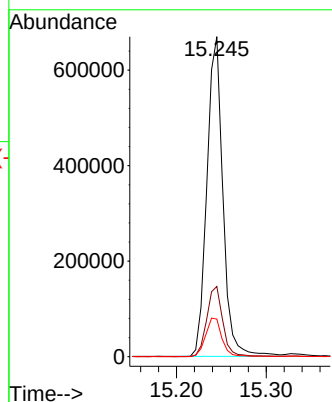
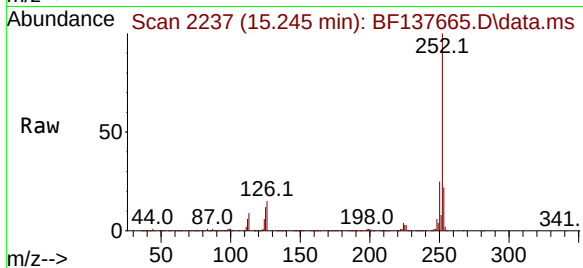
Tgt Ion:252 Resp: 829952

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.7 10.4 15.6



#91

Dibenzo(a,h)anthracene

Concen: 40.804 ng

RT: 16.704 min Scan# 2485

Delta R.T. 0.006 min

Lab File: BF137665.D

Acq: 21 Mar 2024 17:26

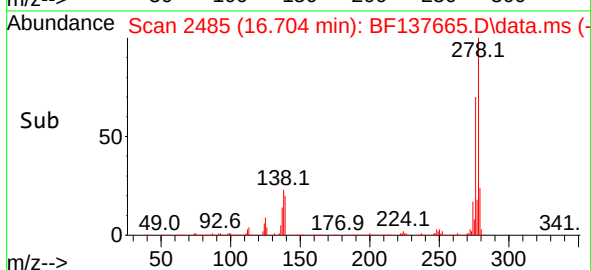
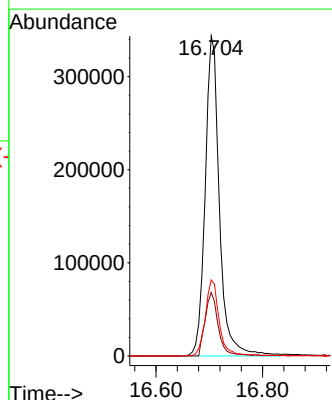
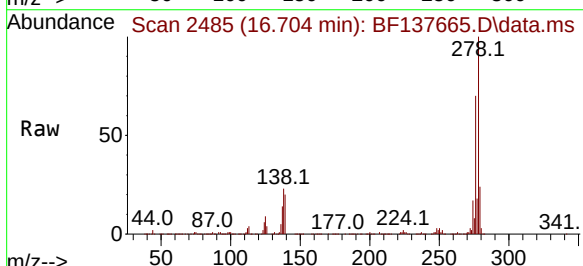
Tgt Ion:278 Resp: 638232

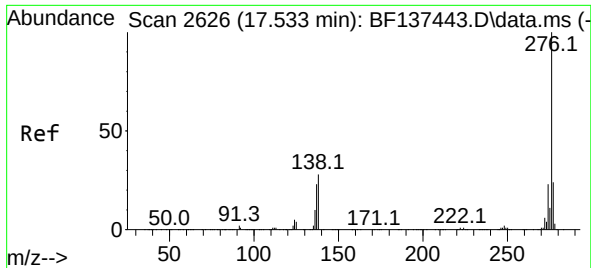
Ion Ratio Lower Upper

278 100

139 19.8 17.0 25.6

279 23.7 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 34.698 ng
 RT: 17.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137665.D
 Acq: 21 Mar 2024 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMSD

Tgt Ion:276 Resp: 557377
 Ion Ratio Lower Upper
 276 100
 277 22.5 19.0 28.4
 138 25.0 22.2 33.2

