

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125788.D
 Acq On : 8 Oct 2021 18:08
 Operator : JU/CG
 Sample : M411-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-1

Quant Time: Oct 09 01:04:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

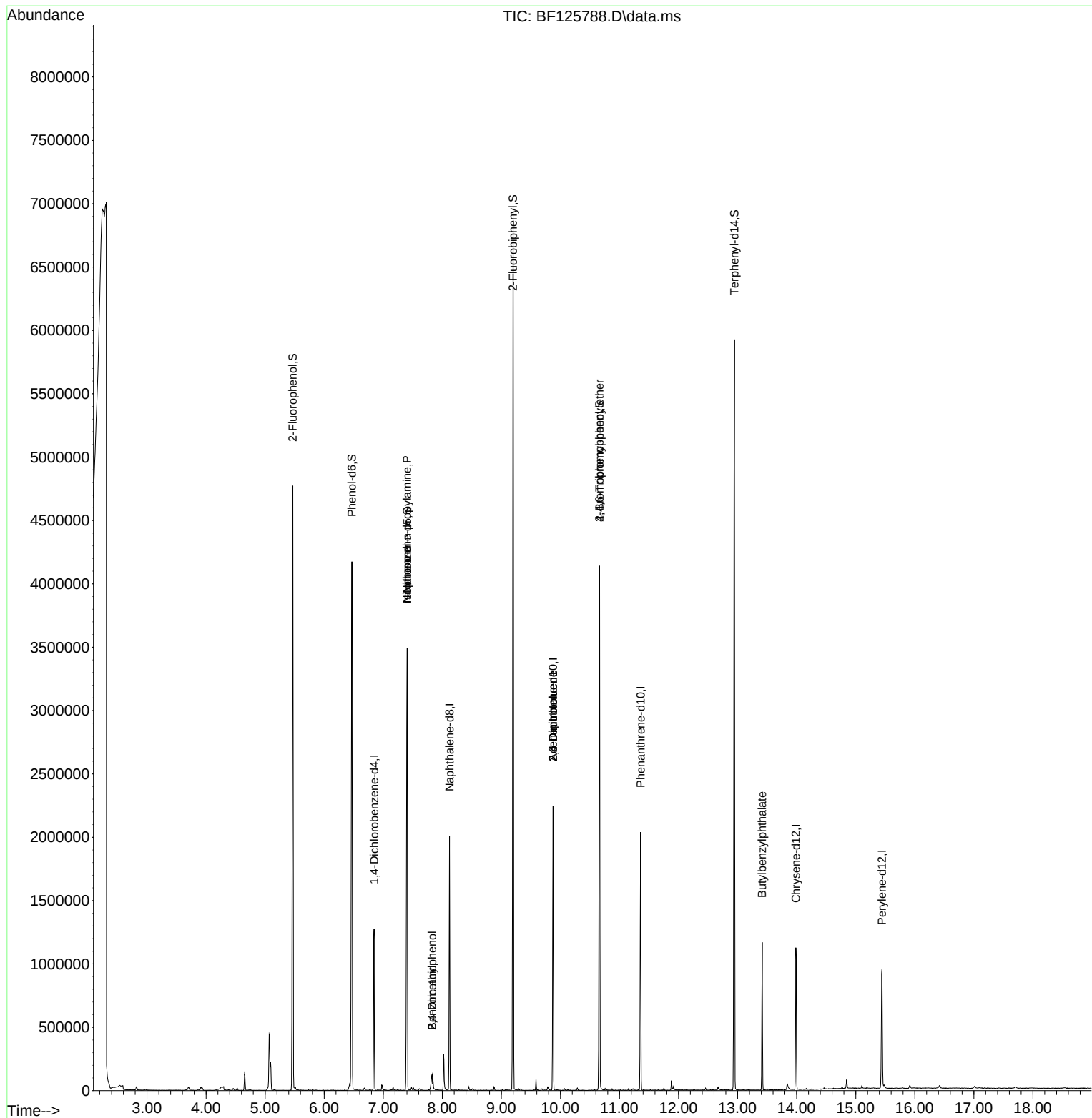
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	199515	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	822059	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	423052	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	688226	20.000	ng	0.00
76) Chrysene-d12	13.986	240	381074	20.000	ng	0.00
86) Perylene-d12	15.445	264	412768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1533854	125.592	ng	0.01
7) Phenol-d6	6.469	99	1711070	108.831	ng	0.00
23) Nitrobenzene-d5	7.404	82	1194543	90.326	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	550089	131.700	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2231559	90.983	ng	0.00
79) Terphenyl-d14	12.945	244	2048216	81.873	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	150774	18.166	ng	# 51
25) Isophorone	7.404	82	1192204	50.885	ng	# 59
27) 2,4-Dimethylphenol	7.828	122	44039	4.080	ng	# 7
32) Benzoic acid	7.828	122	44039	5.803	ng	95
51) 2,6-Dinitrotoluene	9.874	165	53775	9.553	ng	# 28
57) 2,4-Dinitrotoluene	9.874	165	53775	7.555	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	29755	3.904	ng	# 1
80) Butylbenzylphthalate	13.415	149	238686	19.234	ng	98

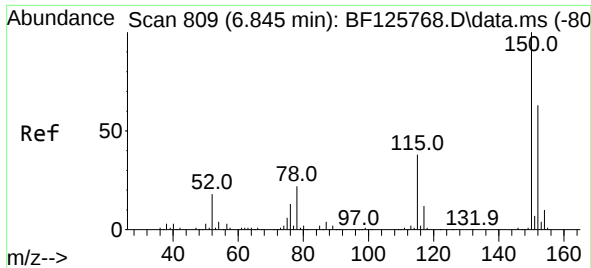
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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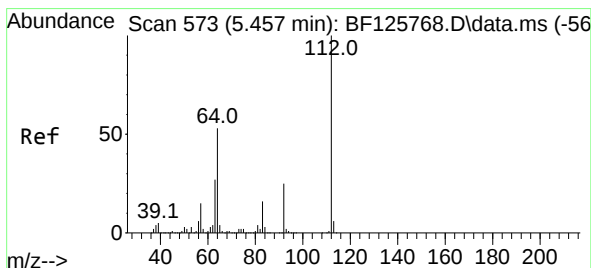
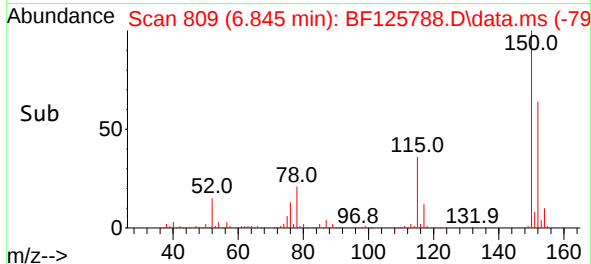
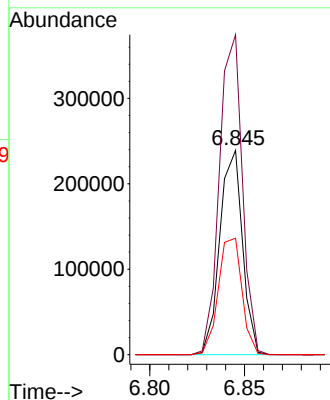
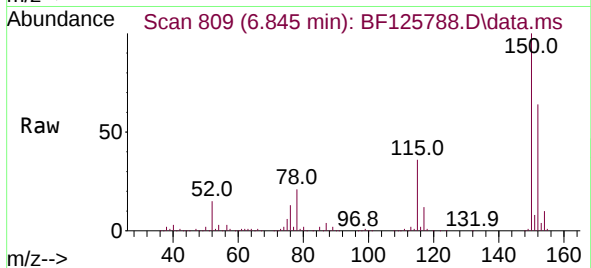




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

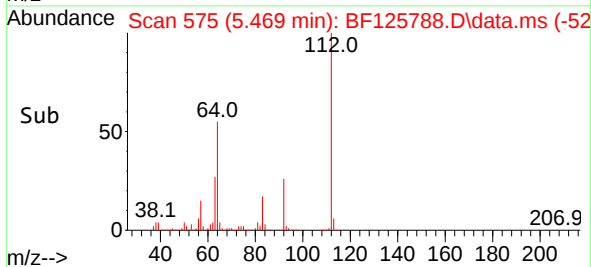
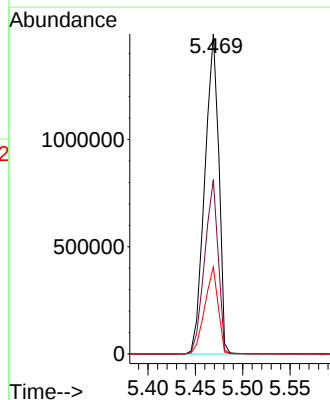
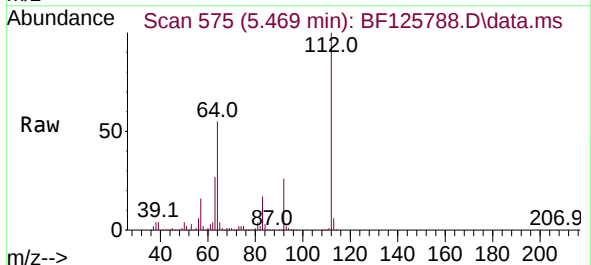
Instrument :
BNA_F
ClientSampleId :
GROWS-1

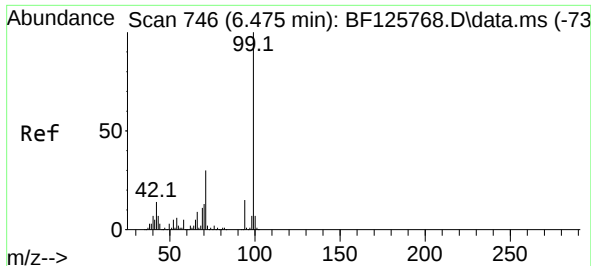
Tgt Ion:152 Resp: 199515
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 57.0 47.1 70.7



#5
2-Fluorophenol
Concen: 125.592 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion:112 Resp: 1533854
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 27.2 26.2 39.2

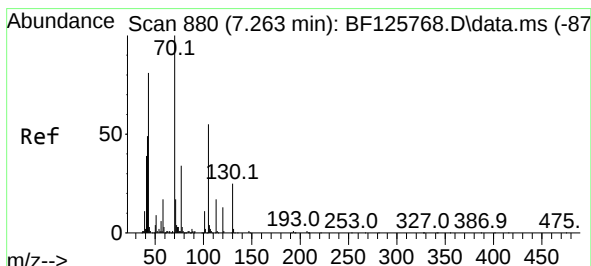
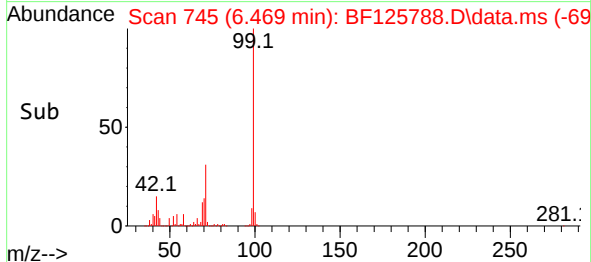
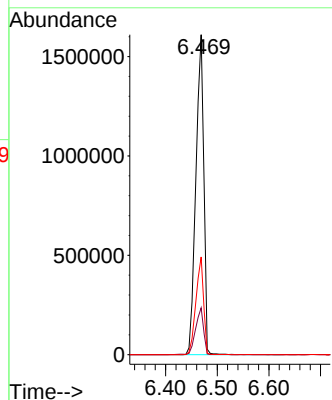
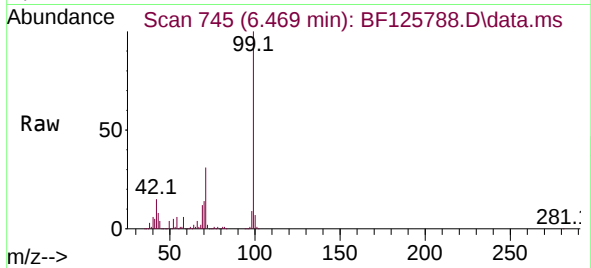




#7
Phenol-d6
Concen: 108.831 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

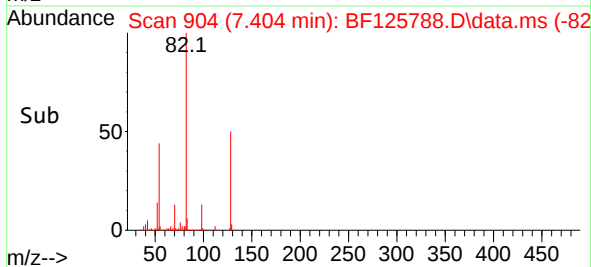
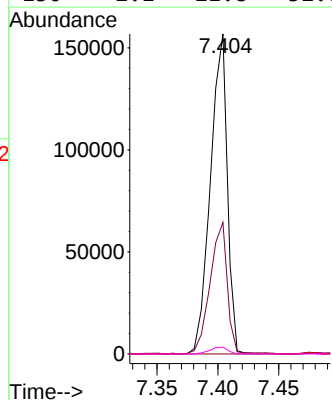
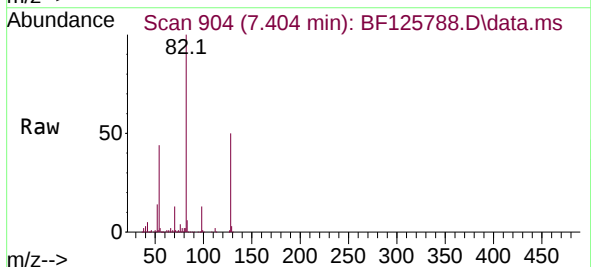
Instrument :
BNA_F
ClientSampleId :
GROWS-1

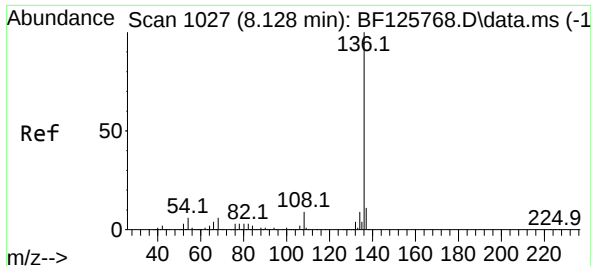
Tgt Ion: 99 Resp: 1711070
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.166 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

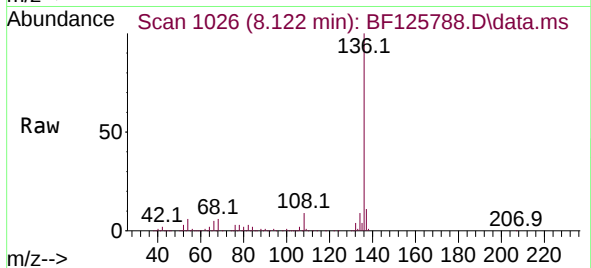
Tgt Ion: 70 Resp: 150774
Ion Ratio Lower Upper
70 100
42 41.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



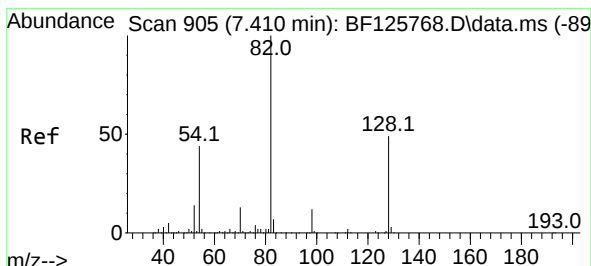
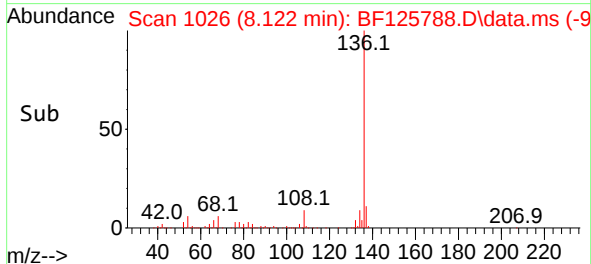
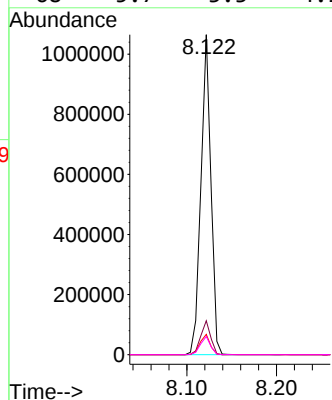


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Instrument :
BNA_F
ClientSampleId :
GROWS-1

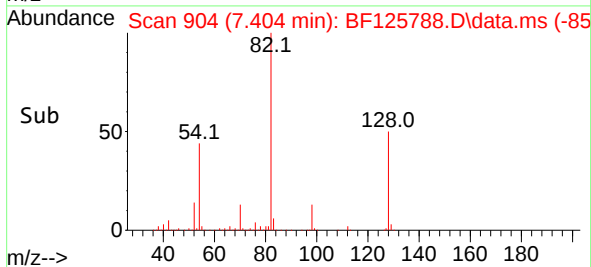
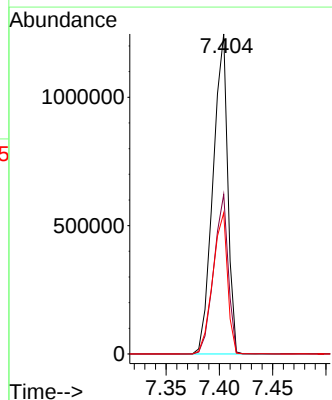
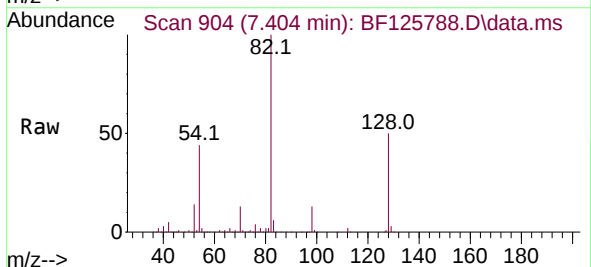


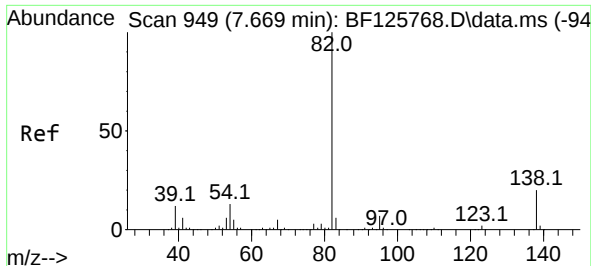
Tgt Ion:136 Resp: 822059
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.4 6.4 9.6#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 90.326 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion: 82 Resp: 1194543
Ion Ratio Lower Upper
82 100
128 49.8 40.6 60.8
54 44.1 49.6 74.4#

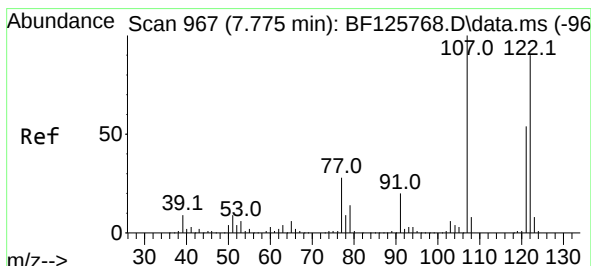
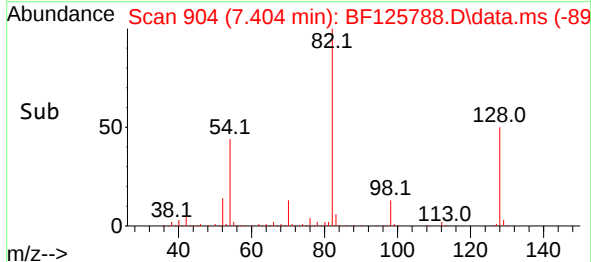
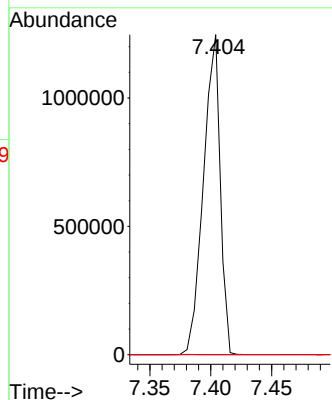
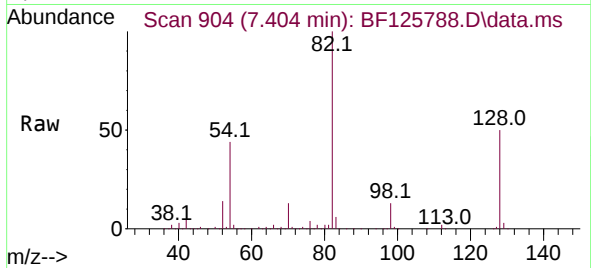




#25
Isophorone
Concen: 50.885 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

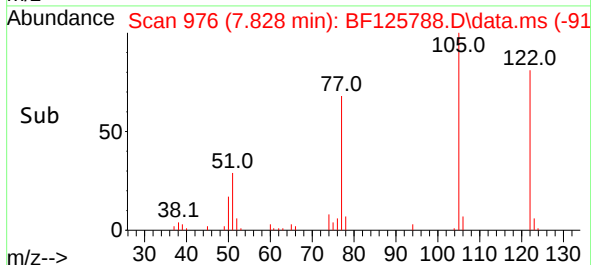
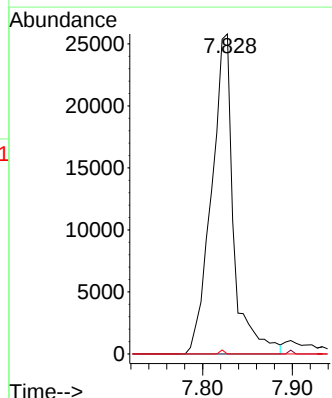
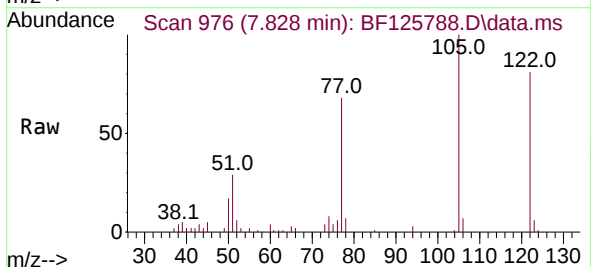
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BNA_F
ClientSampleId :
GROWS-1

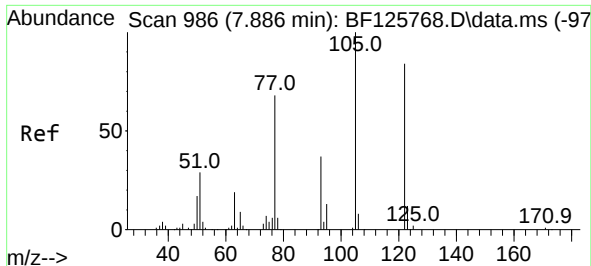
Tgt Ion: 82 Resp: 1192204
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 4.080 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.053 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion: 122 Resp: 44039
Ion Ratio Lower Upper
122 100
107 0.0 85.0 127.6#
121 0.0 43.3 64.9#

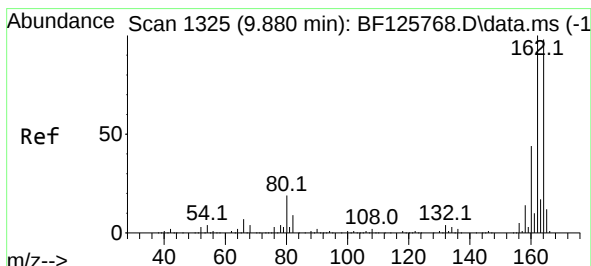
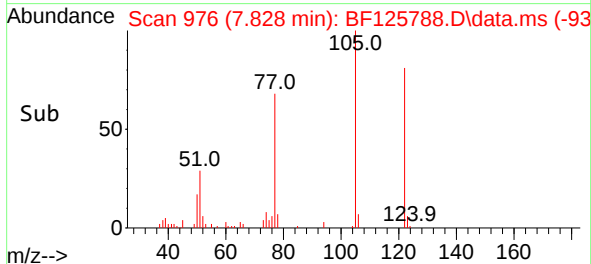
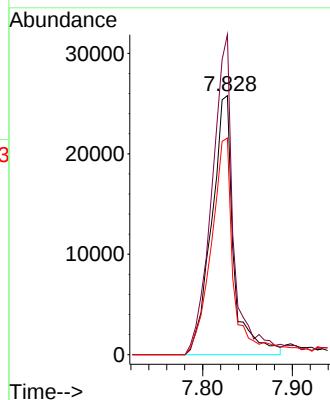
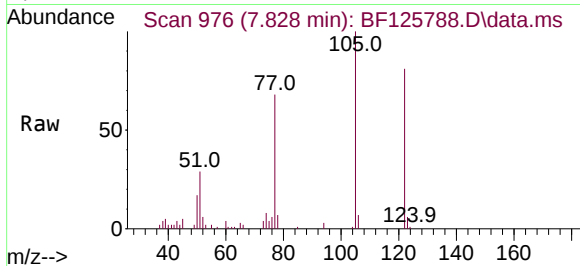




#32
Benzoic acid
Concen: 5.803 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.059 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

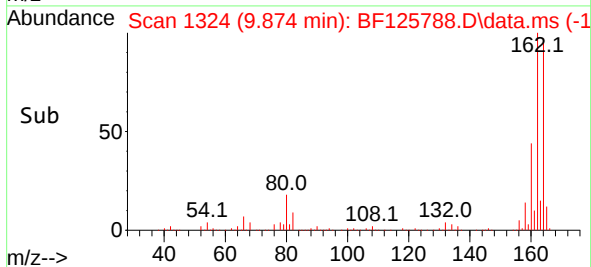
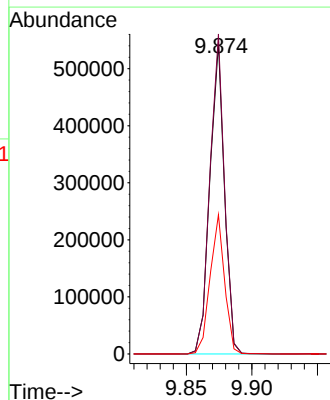
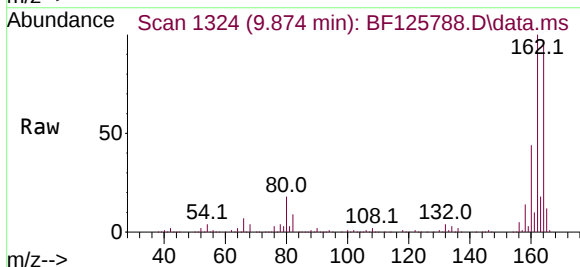
Instrument :
BNA_F
ClientSampleId :
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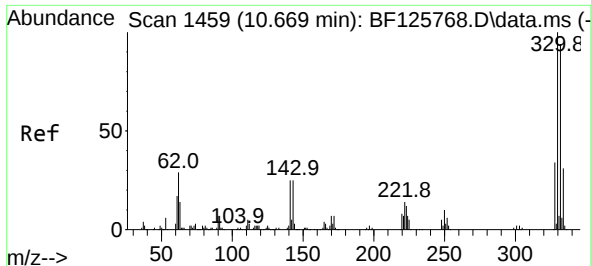
Tgt Ion:122 Resp: 44039
Ion Ratio Lower Upper
122 100
105 123.5 97.6 137.6
77 83.6 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion:164 Resp: 423052
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.8 38.0 57.0

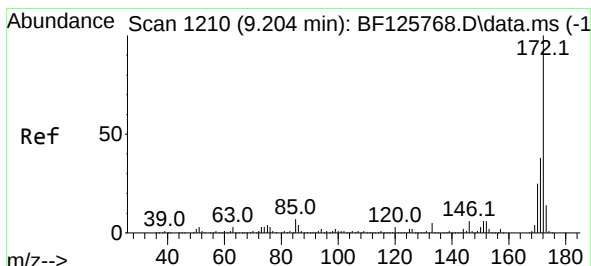
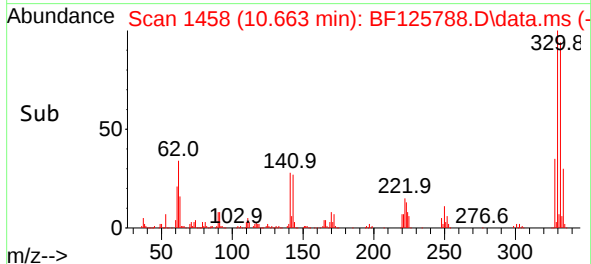
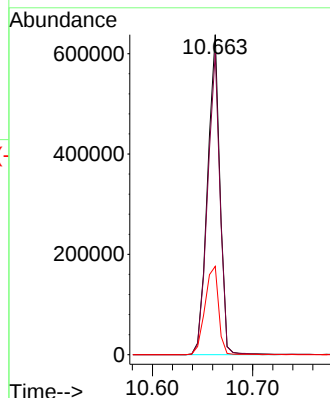
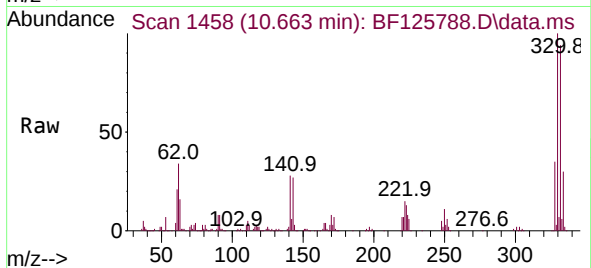




#42
2,4,6-Tribromophenol
Concen: 131.700 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

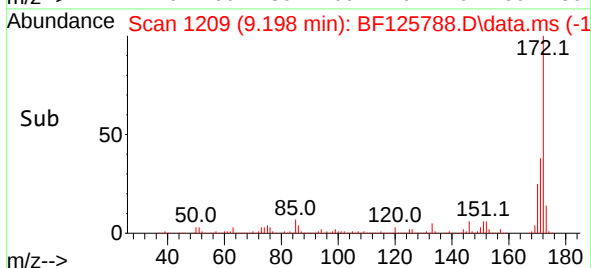
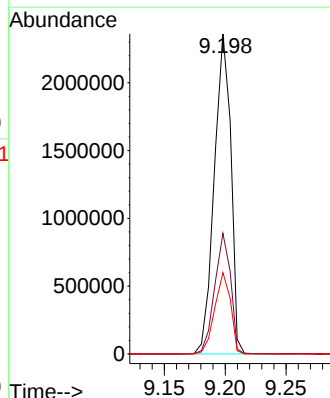
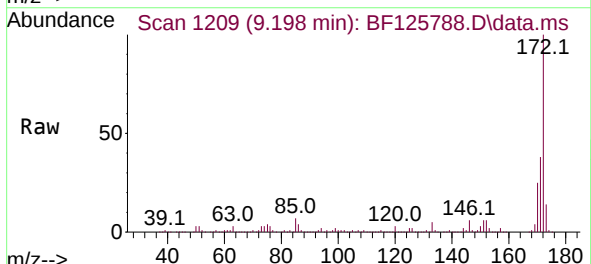
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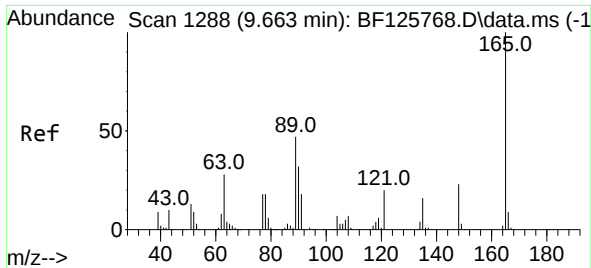
Tgt Ion: 330 Resp: 550089
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 90.983 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion: 172 Resp: 2231559
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 25.4 18.8 28.2

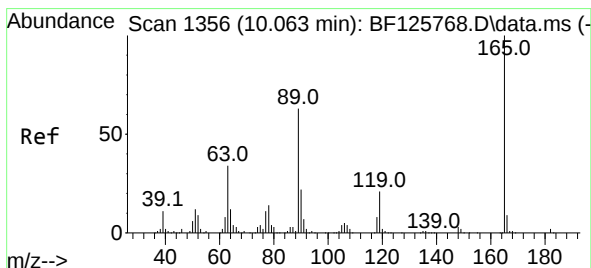
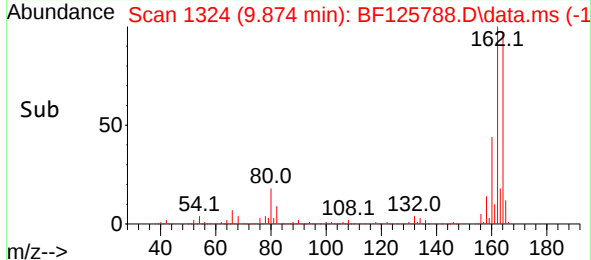
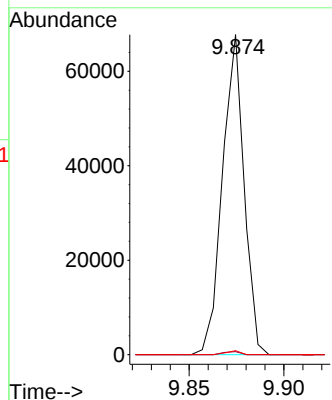
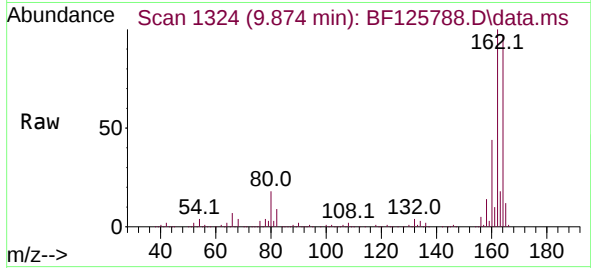




#51
2,6-Dinitrotoluene
Concen: 9.553 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

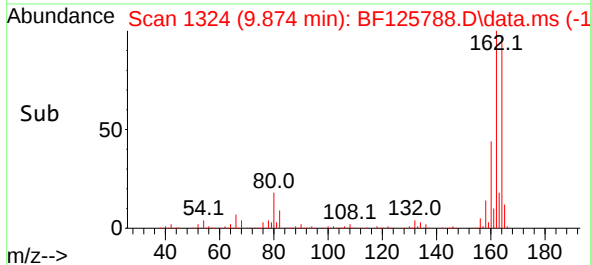
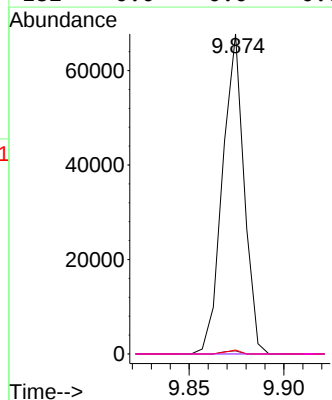
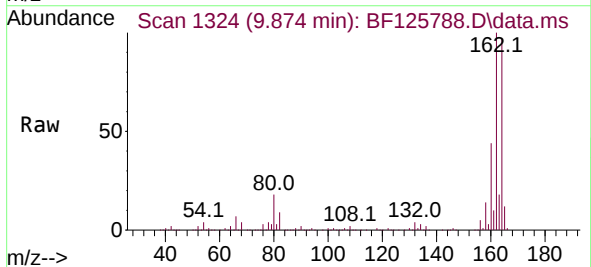
Instrument :
BNA_F
ClientSampleId :
GROWS-1

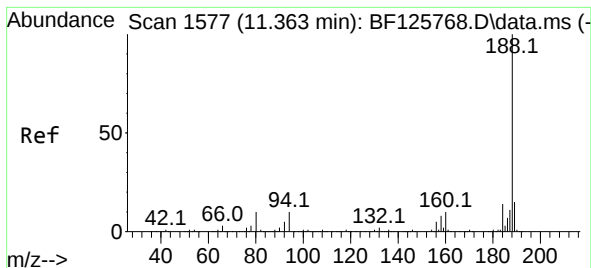
Tgt Ion:165 Resp: 53775
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.555 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion:165 Resp: 53775
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

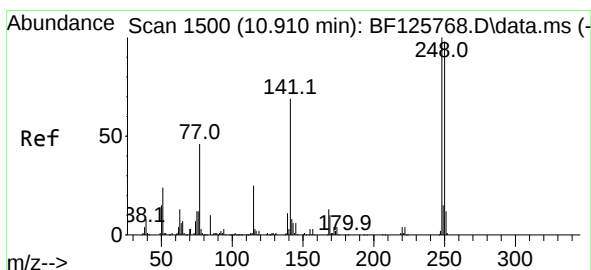
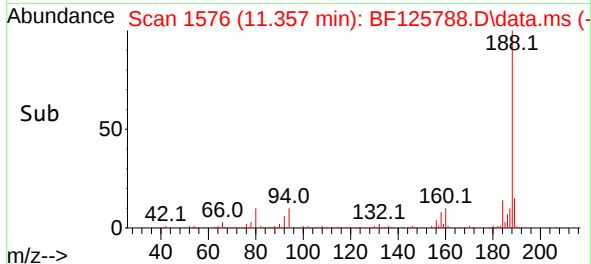
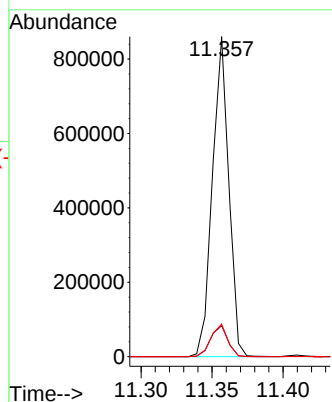
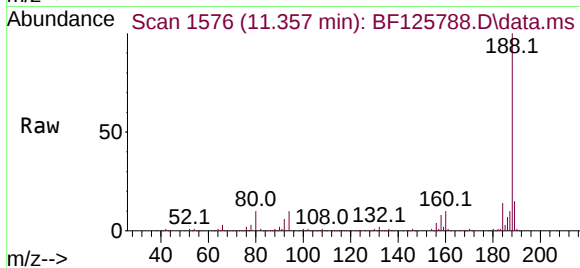




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

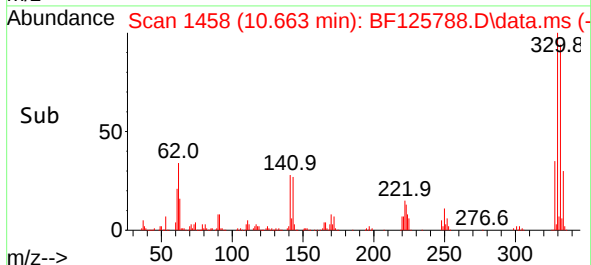
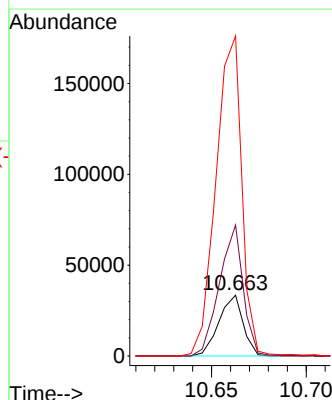
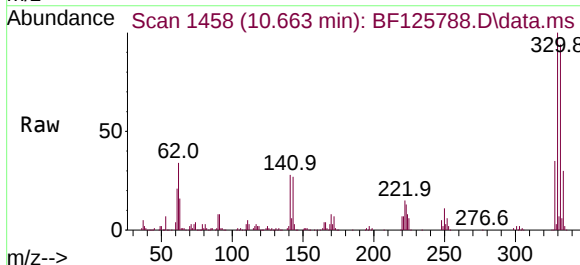
Instrument :
BNA_F
ClientSampleId :
GROWS-1

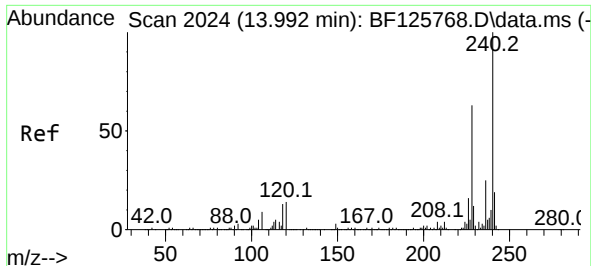
Tgt Ion:188 Resp: 688226
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion:248 Resp: 29755
Ion Ratio Lower Upper
248 100
250 215.3 74.2 111.4#
141 526.6 60.4 90.6#

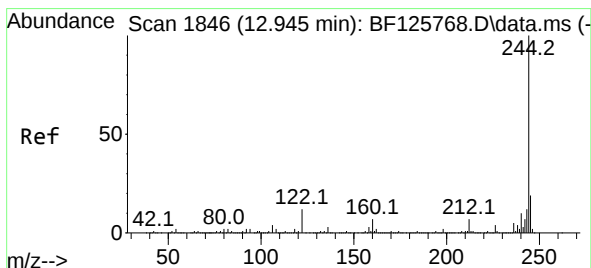
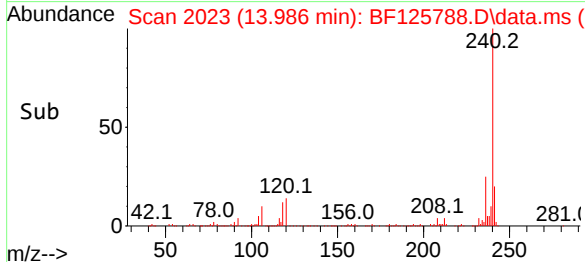
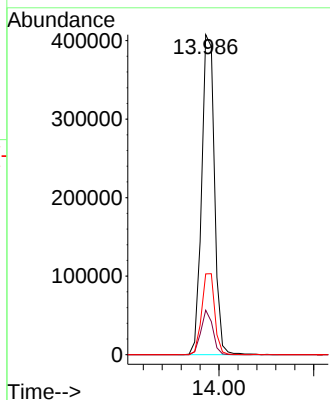
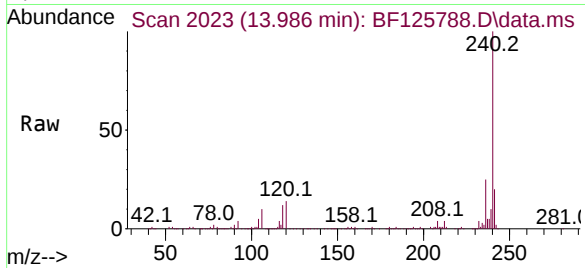




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

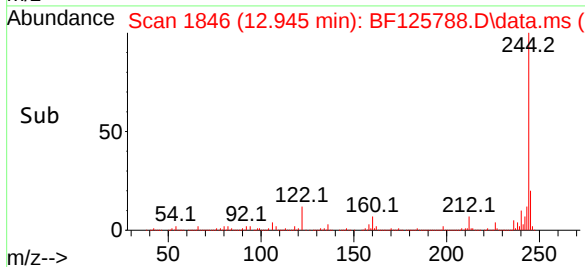
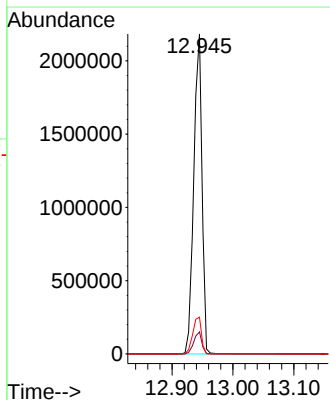
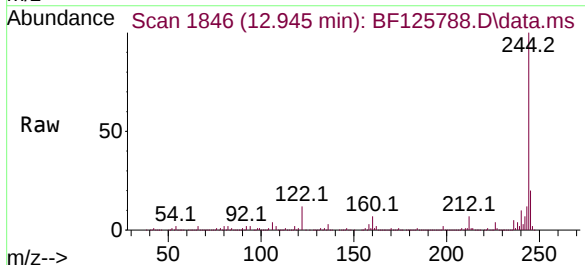
Instrument :
BNA_F
ClientSampleId :
GROWS-1

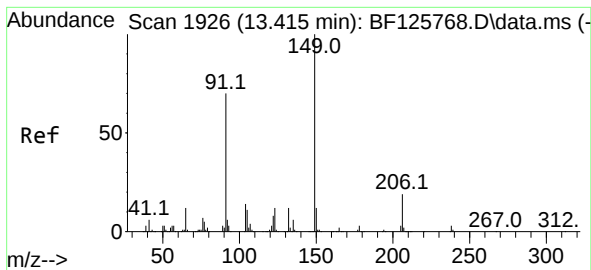
Tgt Ion:240 Resp: 381074
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 81.873 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion:244 Resp: 2048216
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.5 9.0 13.4

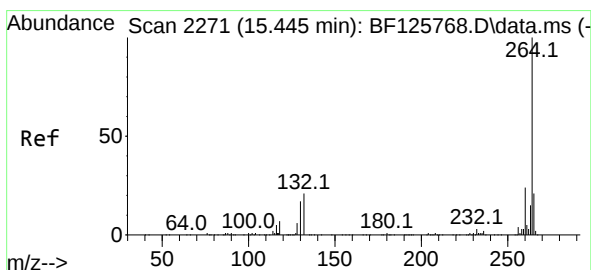
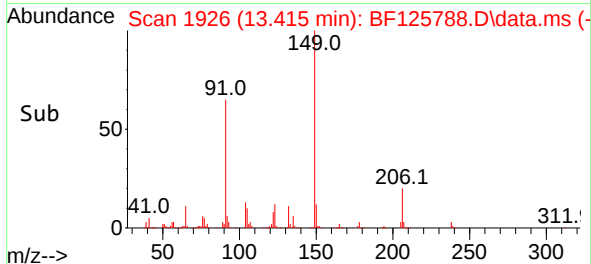
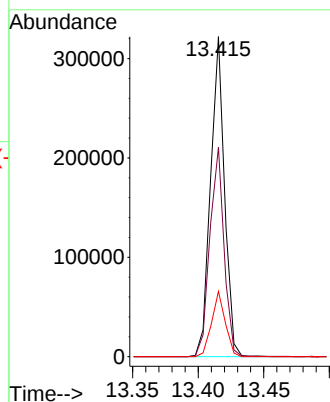
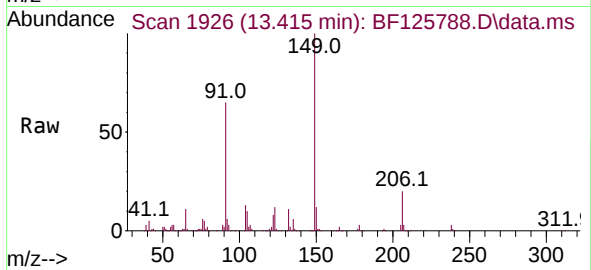




#80
Butylbenzylphthalate
Concen: 19.234 ng
RT: 13.415 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Instrument :
BNA_F
ClientSampleId :
GROWS-1

Tgt Ion:149 Resp: 238686
Ion Ratio Lower Upper
149 100
91 65.4 51.8 77.8
206 20.4 14.5 21.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125788.D
Acq: 8 Oct 2021 18:08

Tgt Ion:264 Resp: 412768
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.6 17.2 25.8

