

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125789.D
 Acq On : 8 Oct 2021 18:42
 Operator : JU/CG
 Sample : M4111-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-2

Quant Time: Oct 09 01:04:45 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	220494	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	892380	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	466198	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	748267	20.00	ng	0.00
76) Chrysene-d12	13.986	240	412903	20.00	ng	0.00
86) Perylene-d12	15.445	264	453560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1453243	107.67	ng	0.01
7) Phenol-d6	6.469	99	1624285	93.48	ng	0.00
23) Nitrobenzene-d5	7.404	82	1141346	79.50	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	548167	119.09	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2203125	81.51	ng	0.00
79) Terphenyl-d14	12.945	244	2048571	75.57	ng	0.00

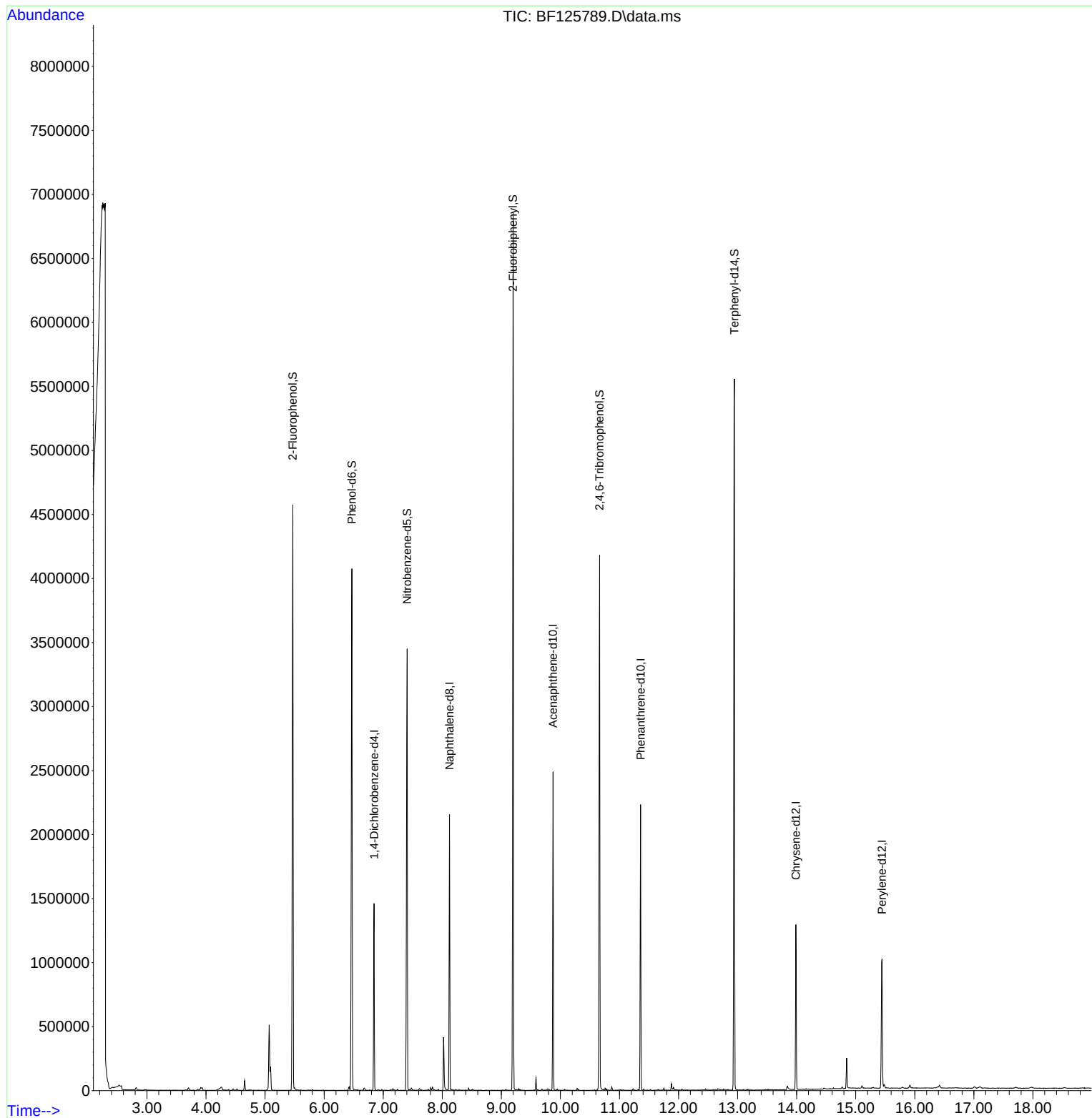
Target Compounds	Qvalue

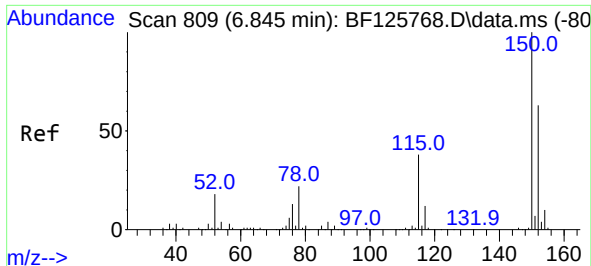
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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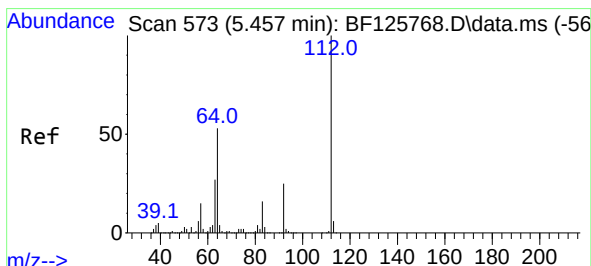
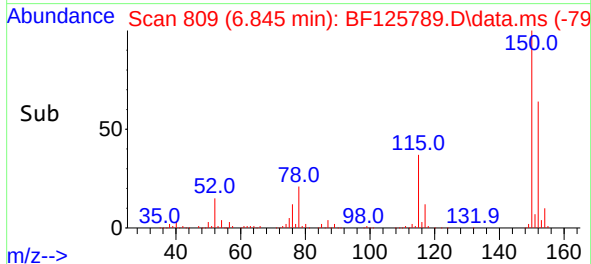
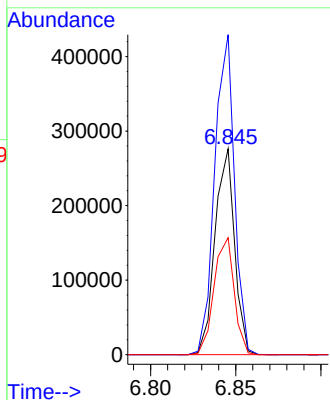
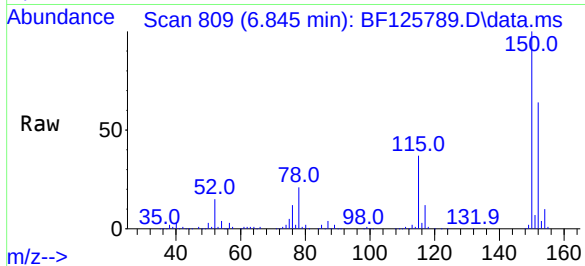




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

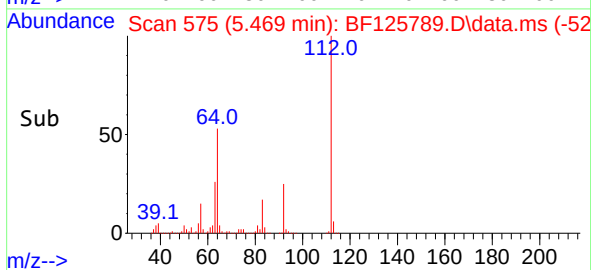
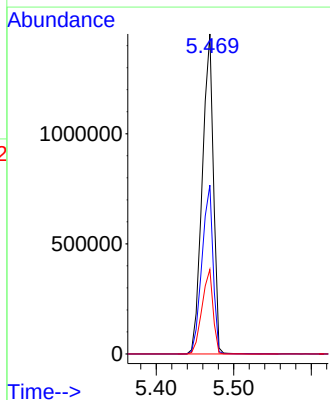
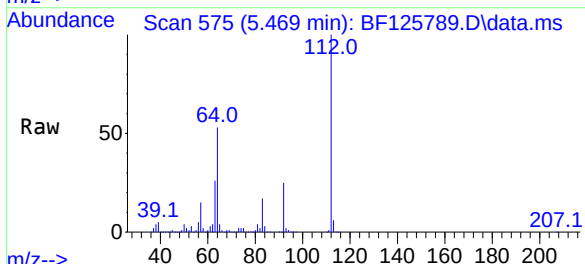
Instrument :
BNA_F
ClientSampleId :
GROWS-2

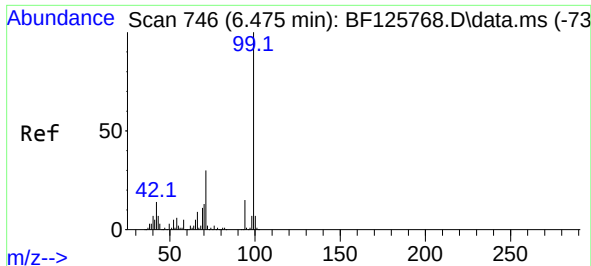
Tgt Ion:152 Resp: 220494
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 56.8 47.1 70.7



#5
2-Fluorophenol
Concen: 107.67 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:112 Resp: 1453243
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 26.4 26.2 39.2



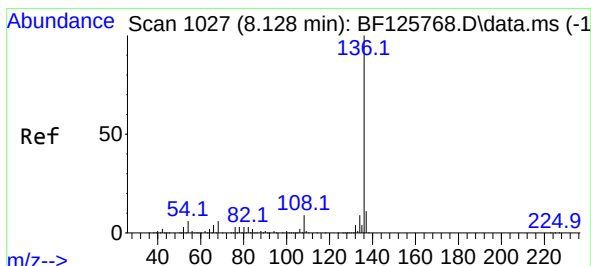
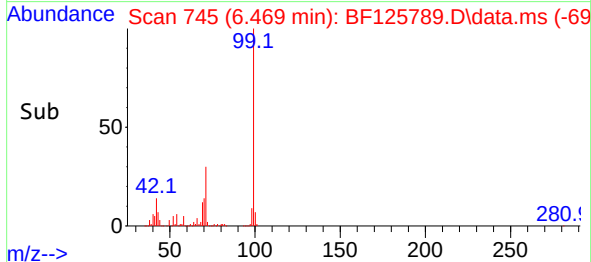
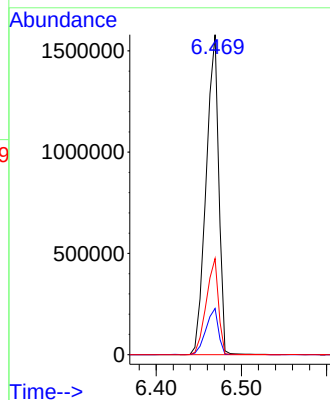
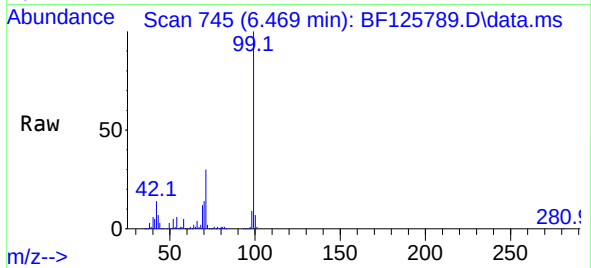


#7
Phenol-d6
Concen: 93.48 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Instrument :
BNA_F
ClientSampleId :
GROWS-2

Tgt Ion: 99 Resp: 1624285

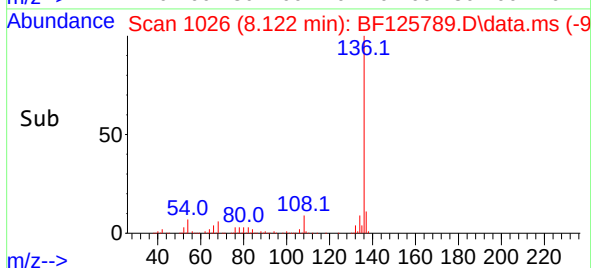
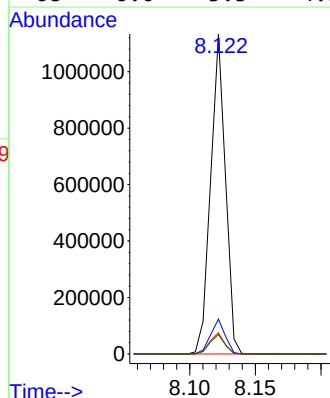
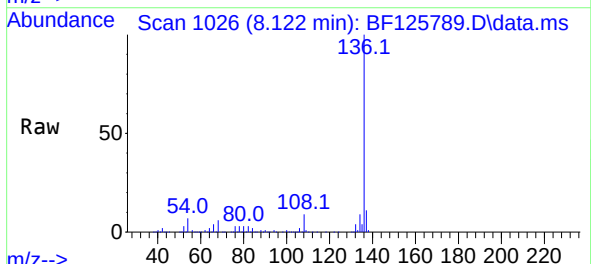
Ion	Ratio	Lower	Upper
99	100		
42	14.5	23.5	35.3#
71	30.1	25.6	38.4

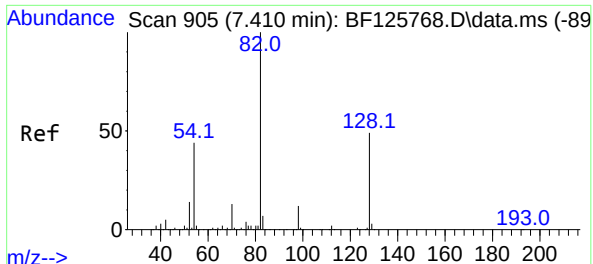


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion: 136 Resp: 892380

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	6.6	6.4	9.6
68	6.0	3.3	4.9#

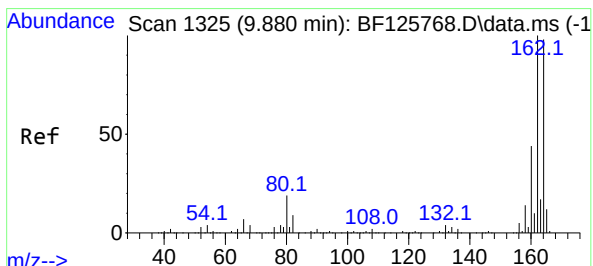
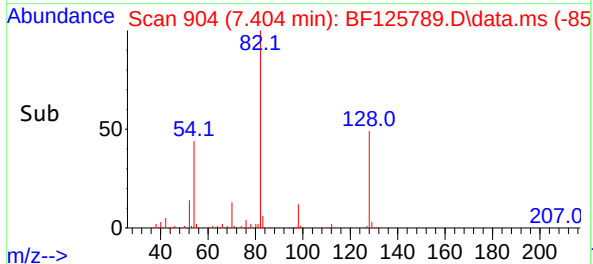
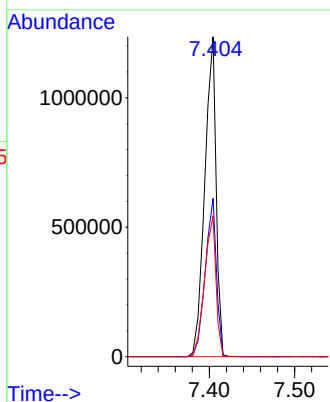
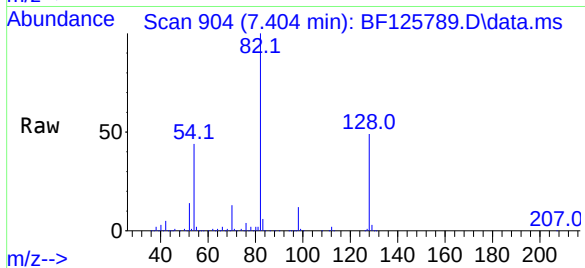




#23
Nitrobenzene-d5
Concen: 79.50 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

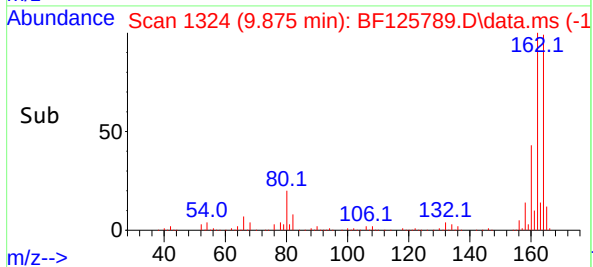
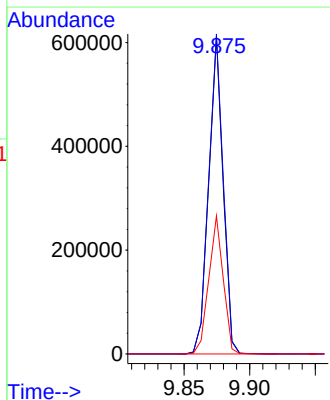
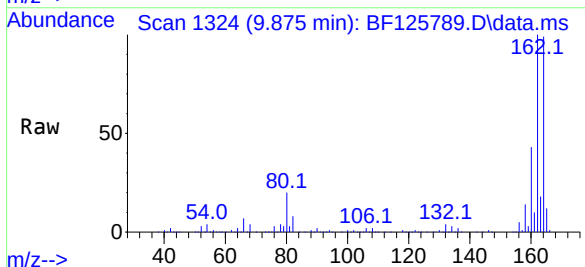
Instrument :
BNA_F
ClientSampleId :
GROWS-2

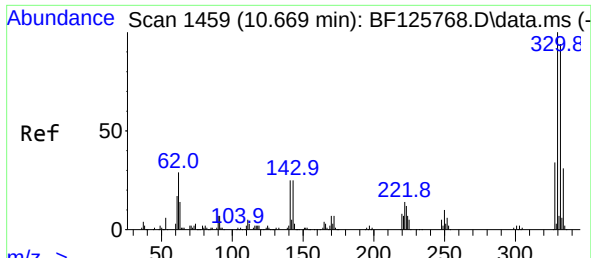
Tgt Ion: 82 Resp: 1141346
Ion Ratio Lower Upper
82 100
128 49.4 40.6 60.8
54 43.8 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

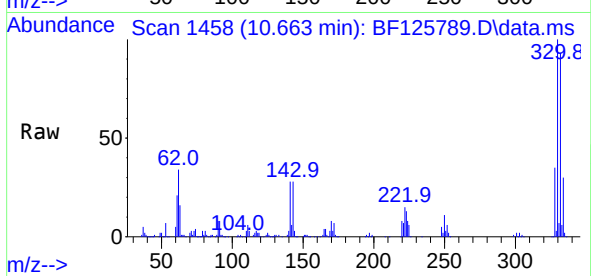
Tgt Ion:164 Resp: 466198
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 43.5 38.0 57.0



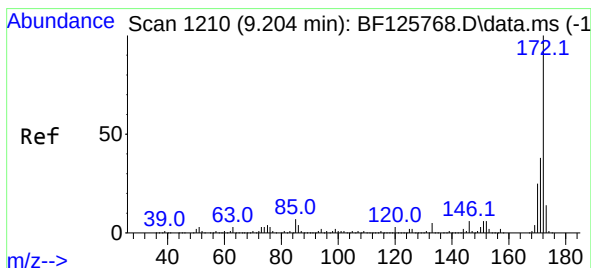
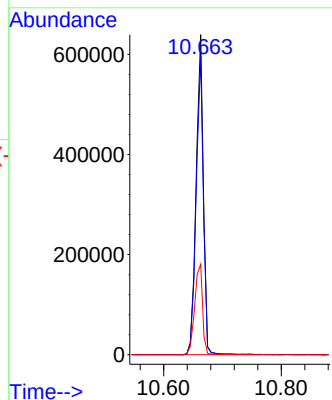
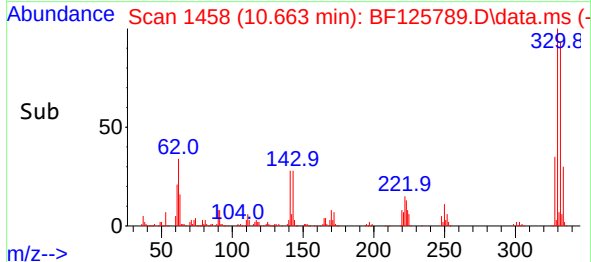


#42
2,4,6-Tribromophenol
Concen: 119.09 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

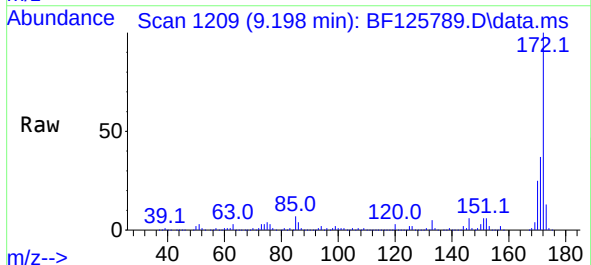
Instrument :
BNA_F
ClientSampleId :
GROWS-2



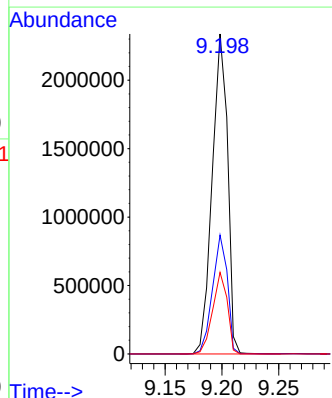
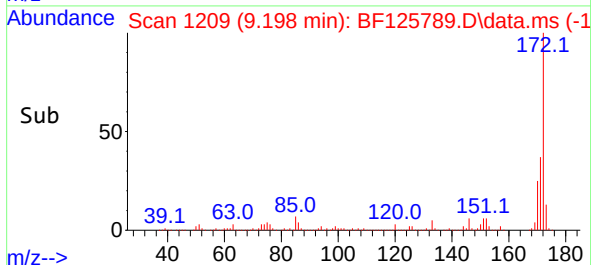
Tgt Ion:330 Resp: 548167
Ion Ratio Lower Upper
330 100
332 93.0 76.2 114.4
141 30.8 44.6 66.8#

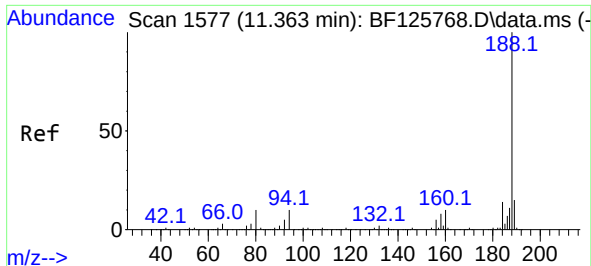


#45
2-Fluorobiphenyl
Concen: 81.51 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42



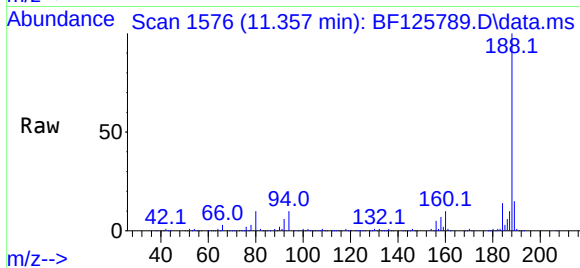
Tgt Ion:172 Resp: 2203125
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.5 18.8 28.2



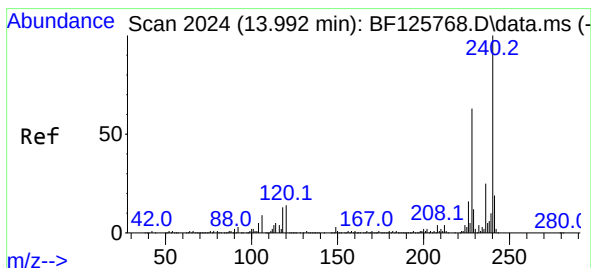
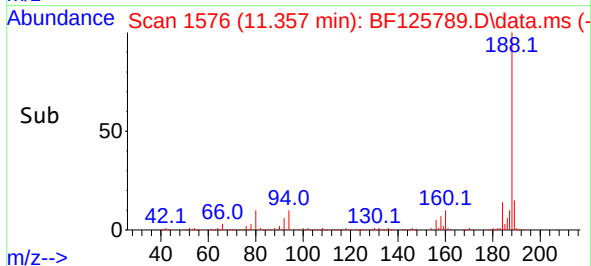
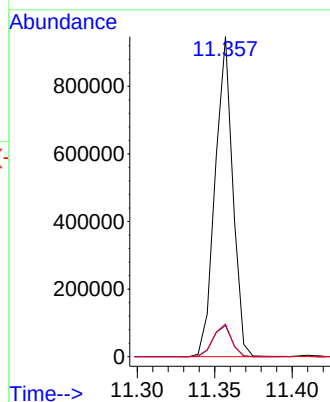


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Instrument :
BNA_F
ClientSampleId :
GROWS-2

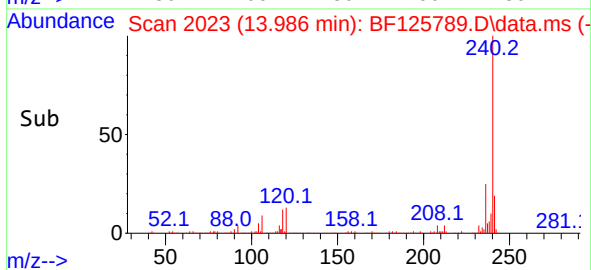
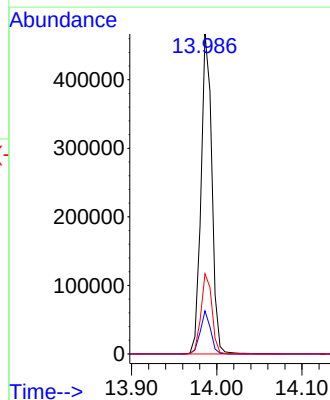
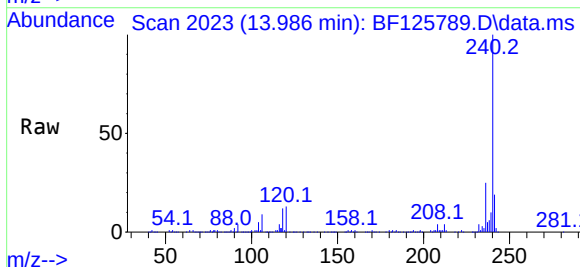


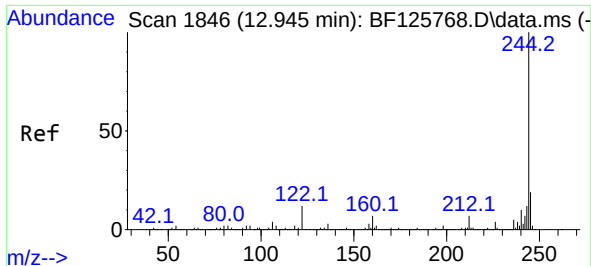
Tgt Ion:188 Resp: 748267
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:240 Resp: 412903
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.1 21.6 32.4

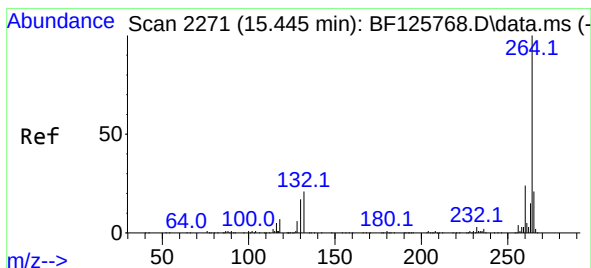
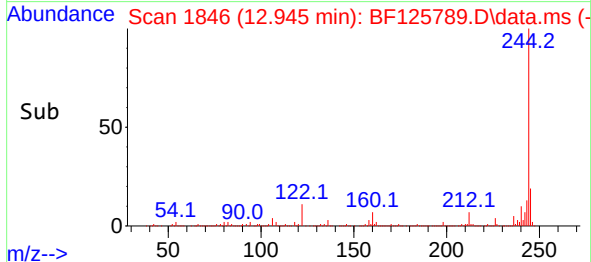
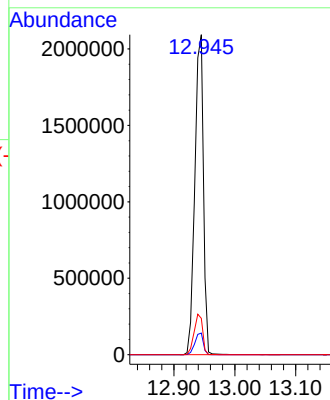
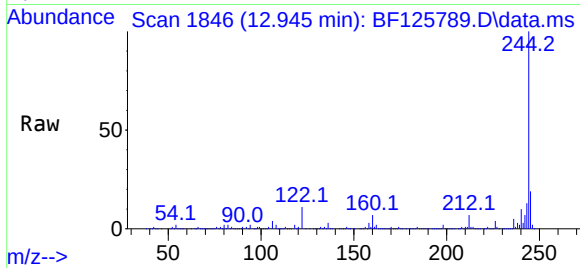




#79
Terphenyl-d14
Concen: 75.57 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 2048571
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125789.D
Acq: 8 Oct 2021 18:42

Tgt Ion:264 Resp: 453560
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 20.5 17.2 25.8

