

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125790.D
 Acq On : 8 Oct 2021 19:14
 Operator : JU/CG
 Sample : M4111-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROWS-3

Quant Time: Oct 09 01:04:56 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	212469	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	862318	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	447498	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	713326	20.00	ng	0.00
76) Chrysene-d12	13.986	240	414716	20.00	ng	0.00
86) Perylene-d12	15.445	264	445621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1590670	122.30	ng	0.01
7) Phenol-d6	6.469	99	1744904	104.22	ng	0.00
23) Nitrobenzene-d5	7.404	82	1218159	87.81	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	557324	126.14	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2270194	87.50	ng	0.00
79) Terphenyl-d14	12.945	244	2086602	76.64	ng	0.00

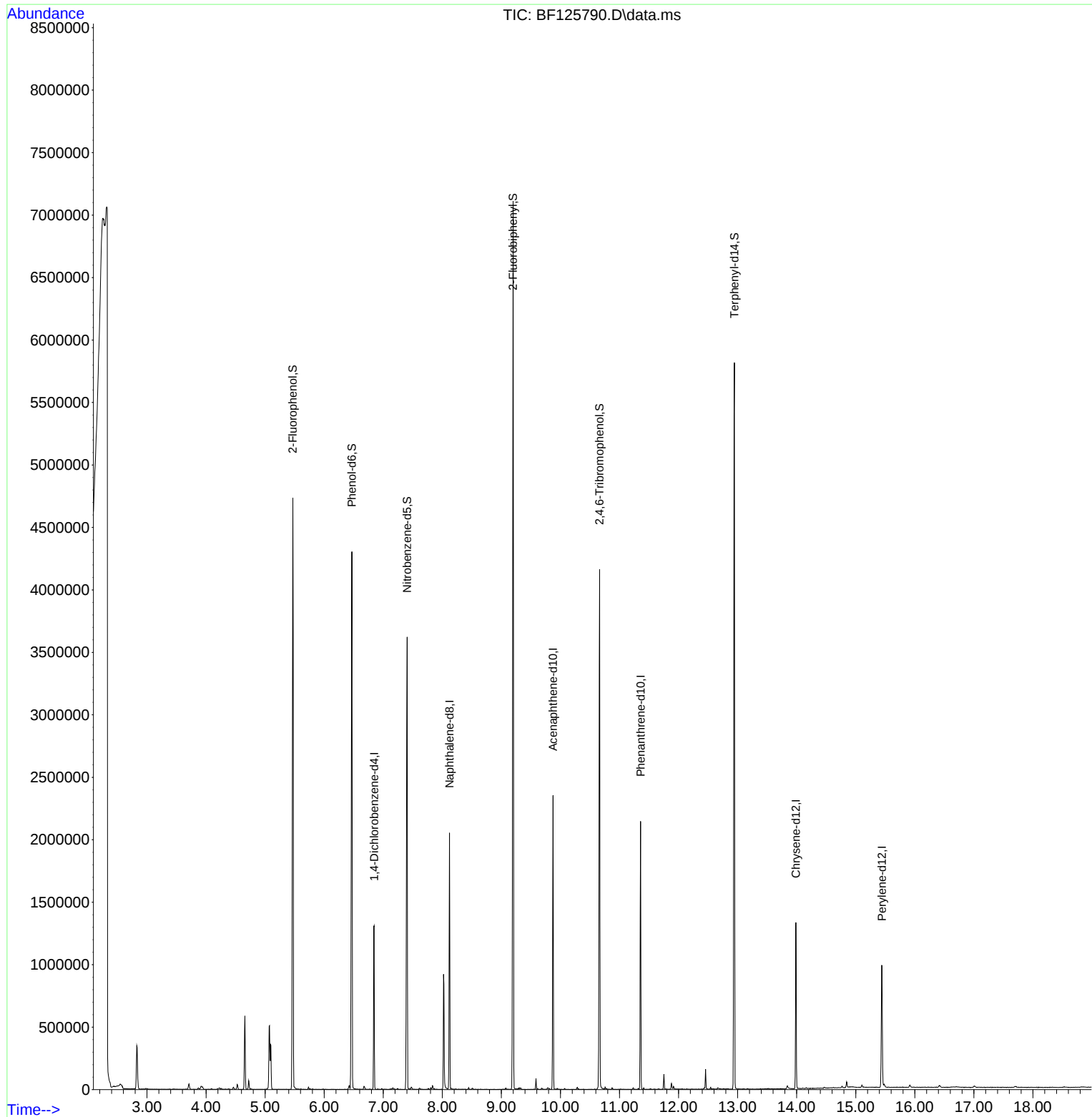
Target Compounds	Qvalue

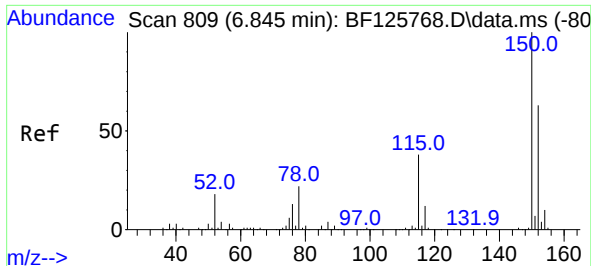
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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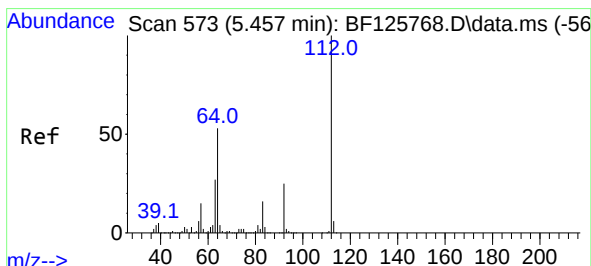
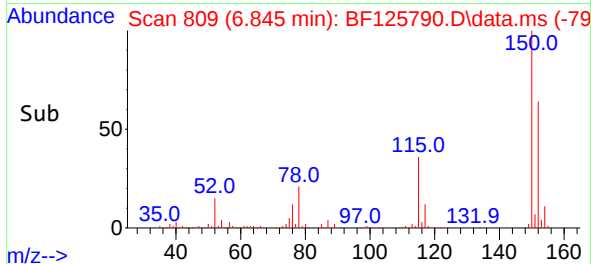
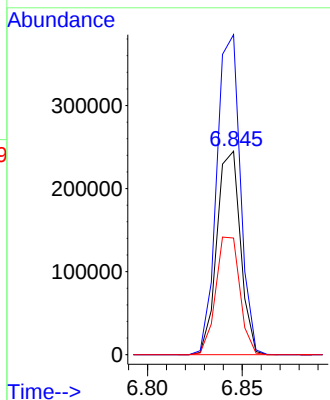
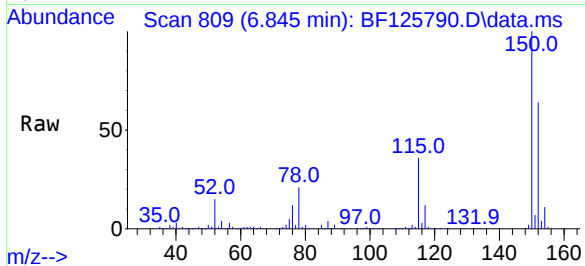




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

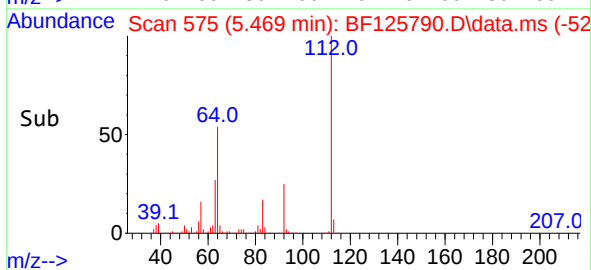
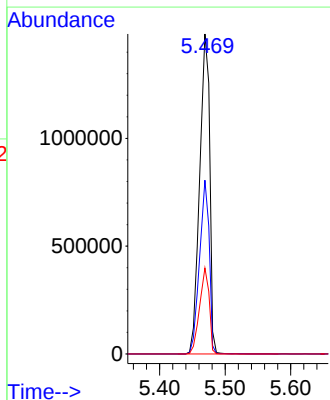
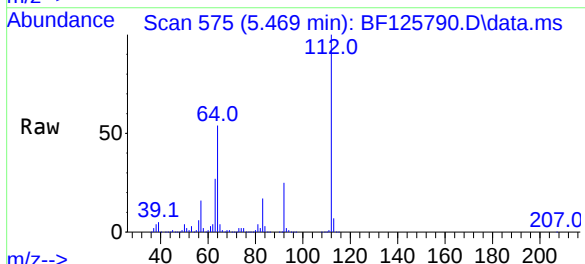
Instrument :
BNA_F
ClientSampleId :
GROWS-3

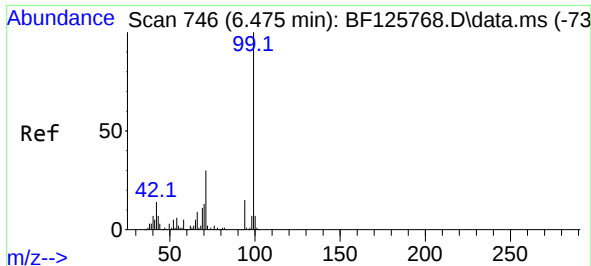
Tgt Ion:152 Resp: 212469
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 57.3 47.1 70.7



#5
2-Fluorophenol
Concen: 122.30 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:112 Resp: 1590670
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 26.9 26.2 39.2



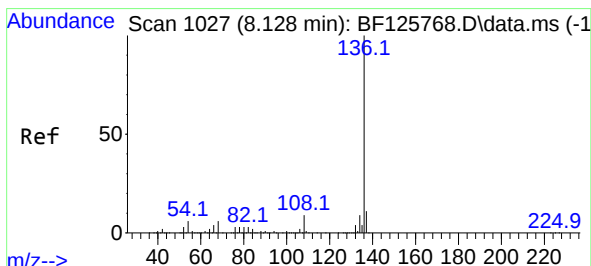
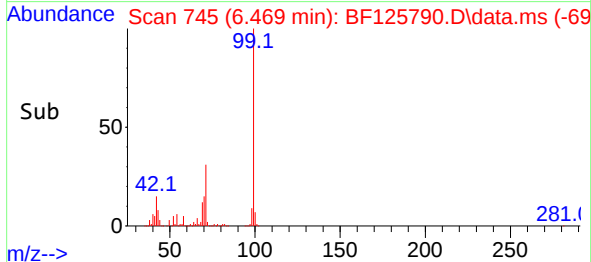
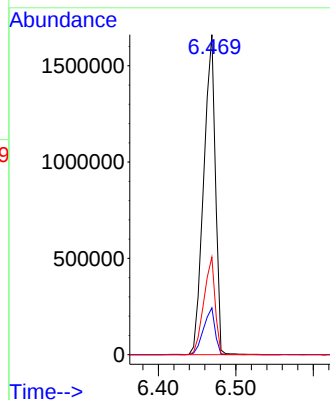
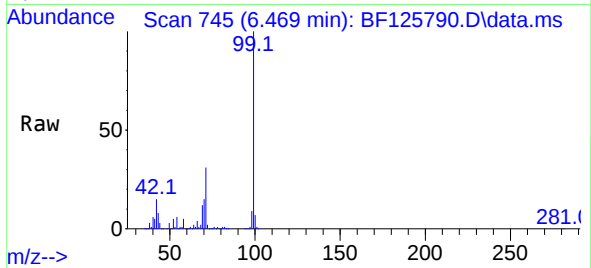


#7
Phenol-d6
Concen: 104.22 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Instrument :
BNA_F
ClientSampleId :
GROWS-3

Tgt Ion: 99 Resp: 1744904

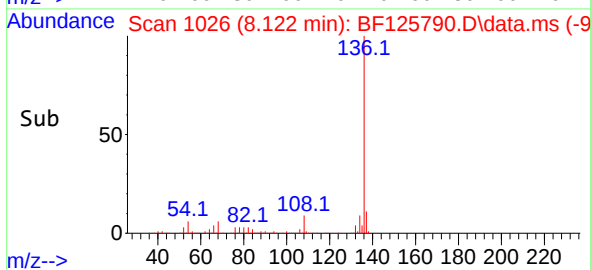
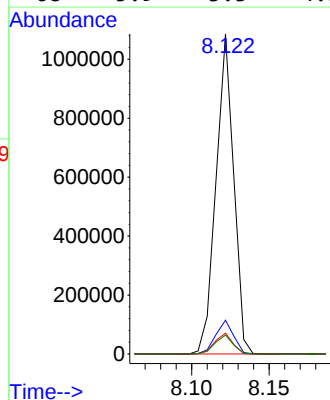
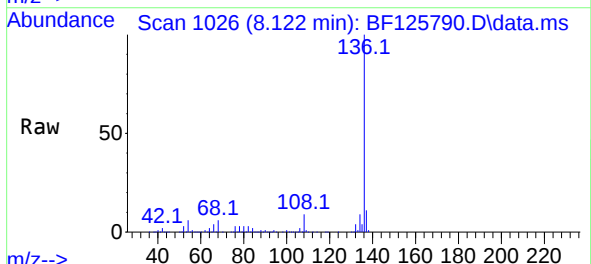
Ion	Ratio	Lower	Upper
99	100		
42	14.7	23.5	35.3#
71	30.5	25.6	38.4

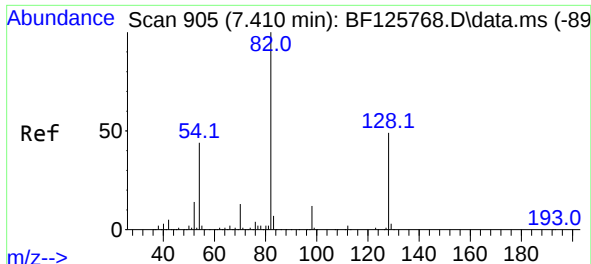


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion: 136 Resp: 862318

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	6.5	6.4	9.6
68	5.9	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 87.81 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125790.D

Acq: 8 Oct 2021 19:14

Instrument :

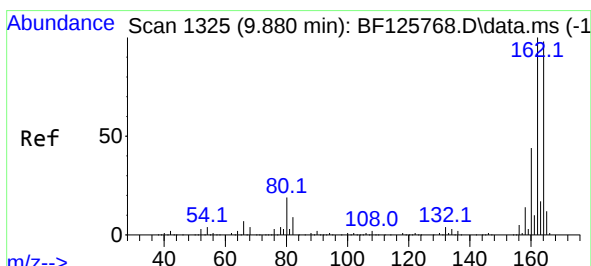
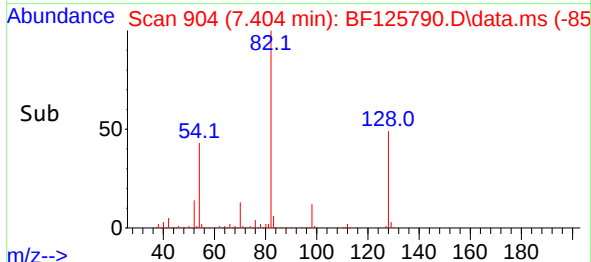
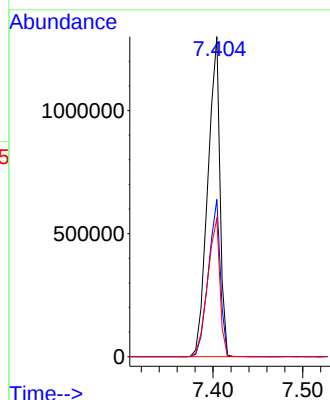
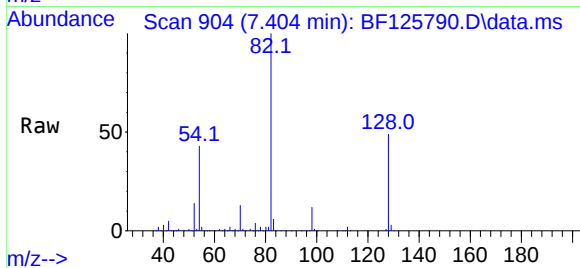
BNA_F

ClientSampleId :

GROWS-3

Tgt Ion: 82 Resp: 1218159

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.6	60.8
54	43.2	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

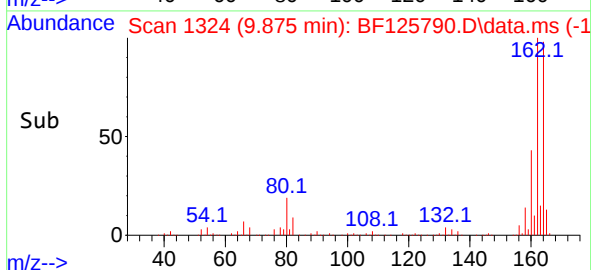
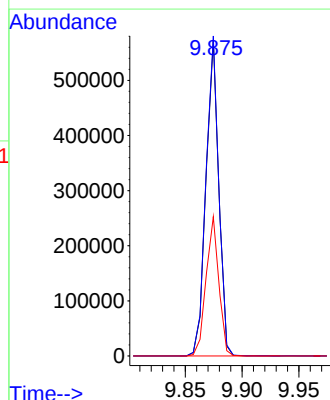
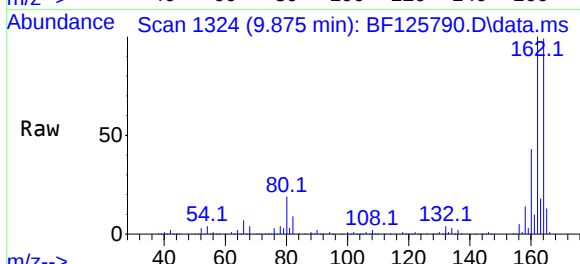
Delta R.T. -0.006 min

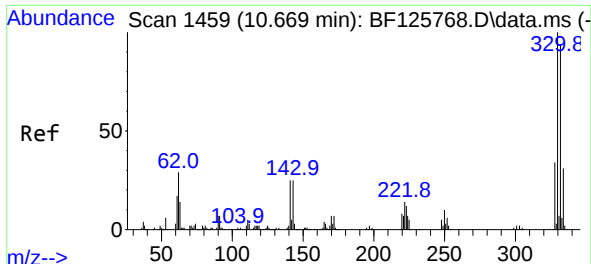
Lab File: BF125790.D

Acq: 8 Oct 2021 19:14

Tgt Ion: 164 Resp: 447498

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	44.1	38.0	57.0

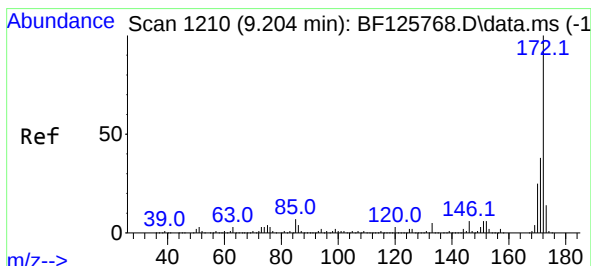
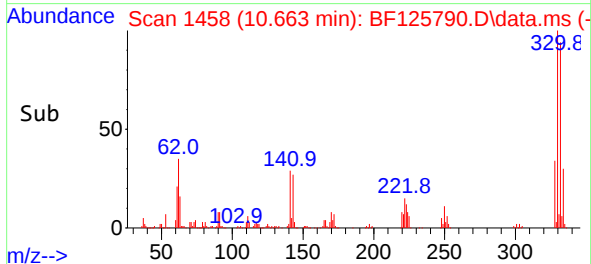
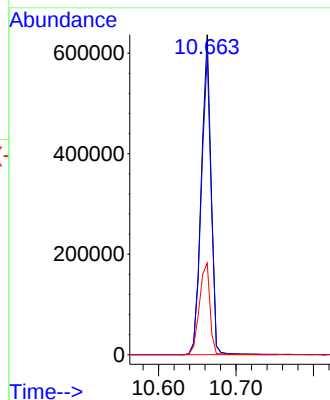
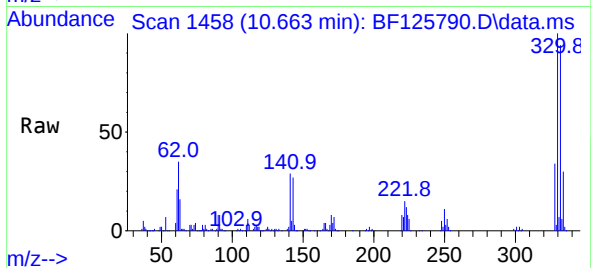




#42
2,4,6-Tribromophenol
Concen: 126.14 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

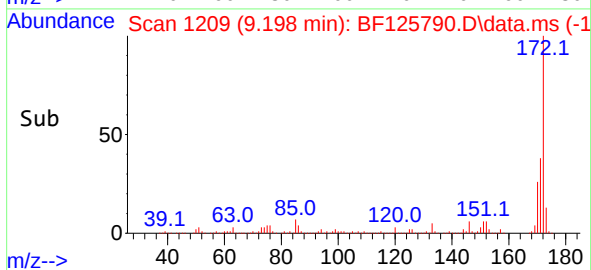
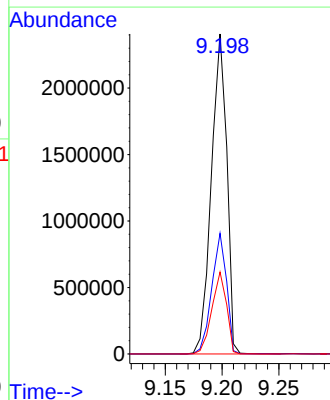
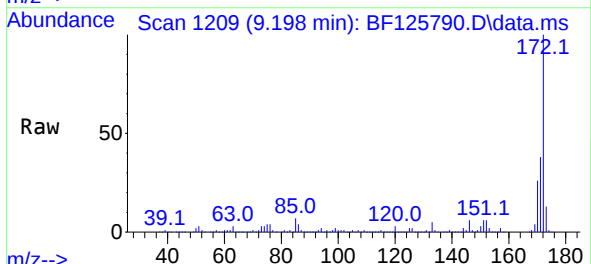
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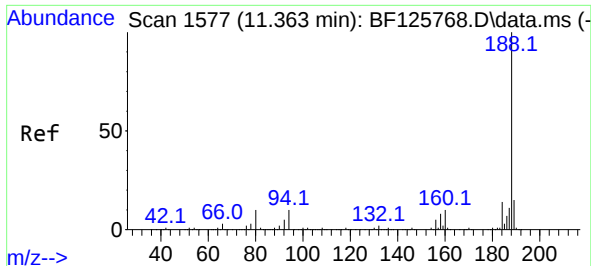
Tgt Ion:330 Resp: 557324
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.50 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

Tgt Ion:172 Resp: 2270194
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 25.6 18.8 28.2

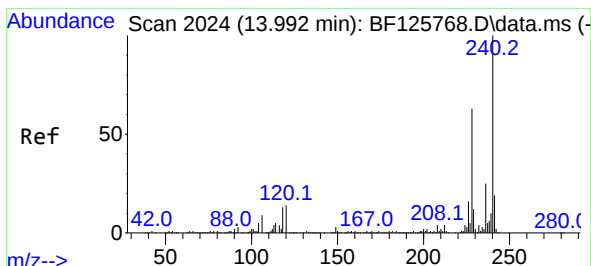
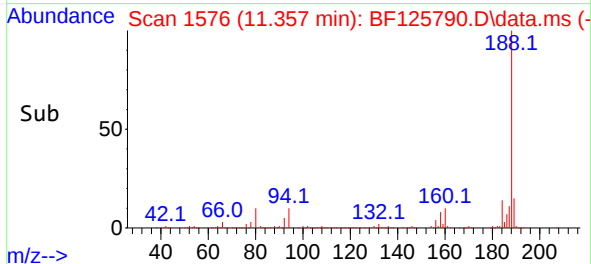
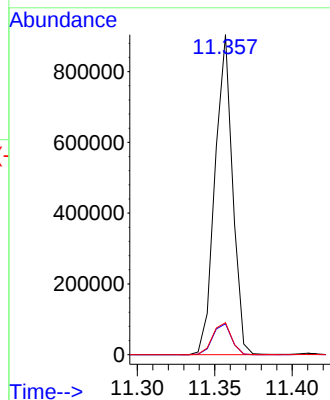
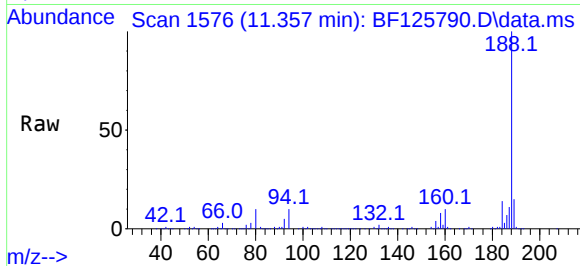




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

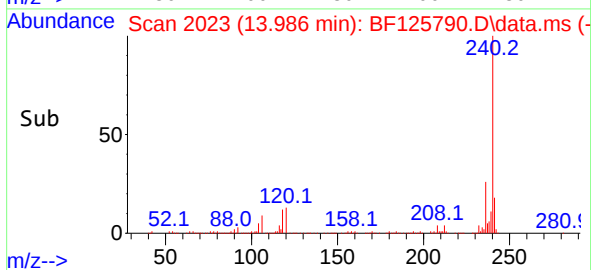
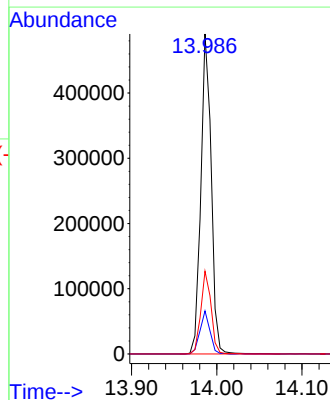
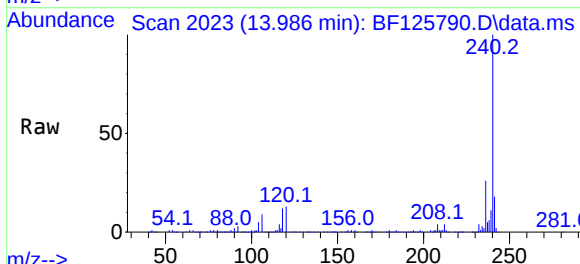
Instrument :
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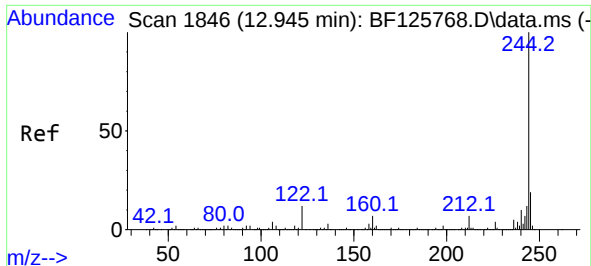
Tgt Ion:188 Resp: 713326
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

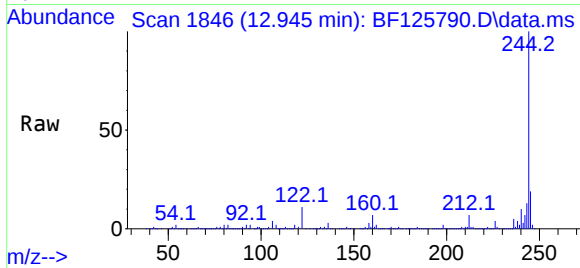
Tgt Ion:240 Resp: 414716
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.9 21.6 32.4



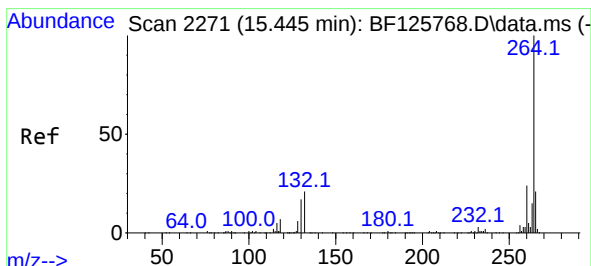
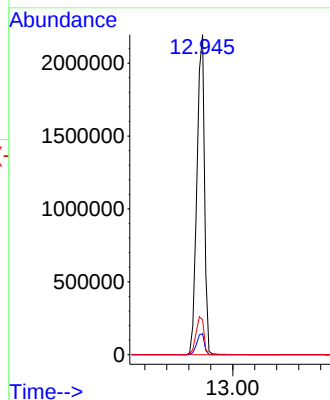
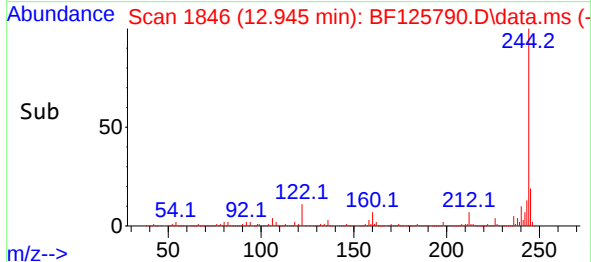


#79
Terphenyl-d14
Concen: 76.64 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125790.D
Acq: 8 Oct 2021 19:14

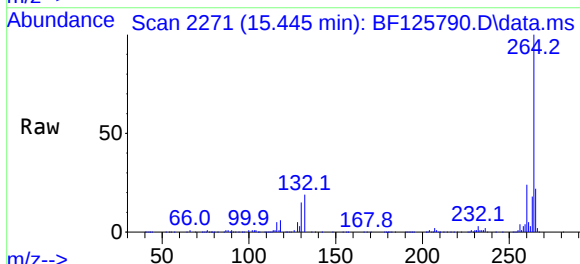
Instrument :
BNA_F
ClientSampleId :
GROWS-3



Tgt Ion:244 Resp: 2086602
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.0 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: BF125790.D
Acq: 8 Oct 2021 19:14



Tgt Ion:264 Resp: 445621
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.6 17.2 25.8

