

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125183.D
 Acq On : 24 Aug 2021 14:00
 Operator : JU/CG
 Sample : M3489-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-GROWS

Quant Time: Aug 24 14:50:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

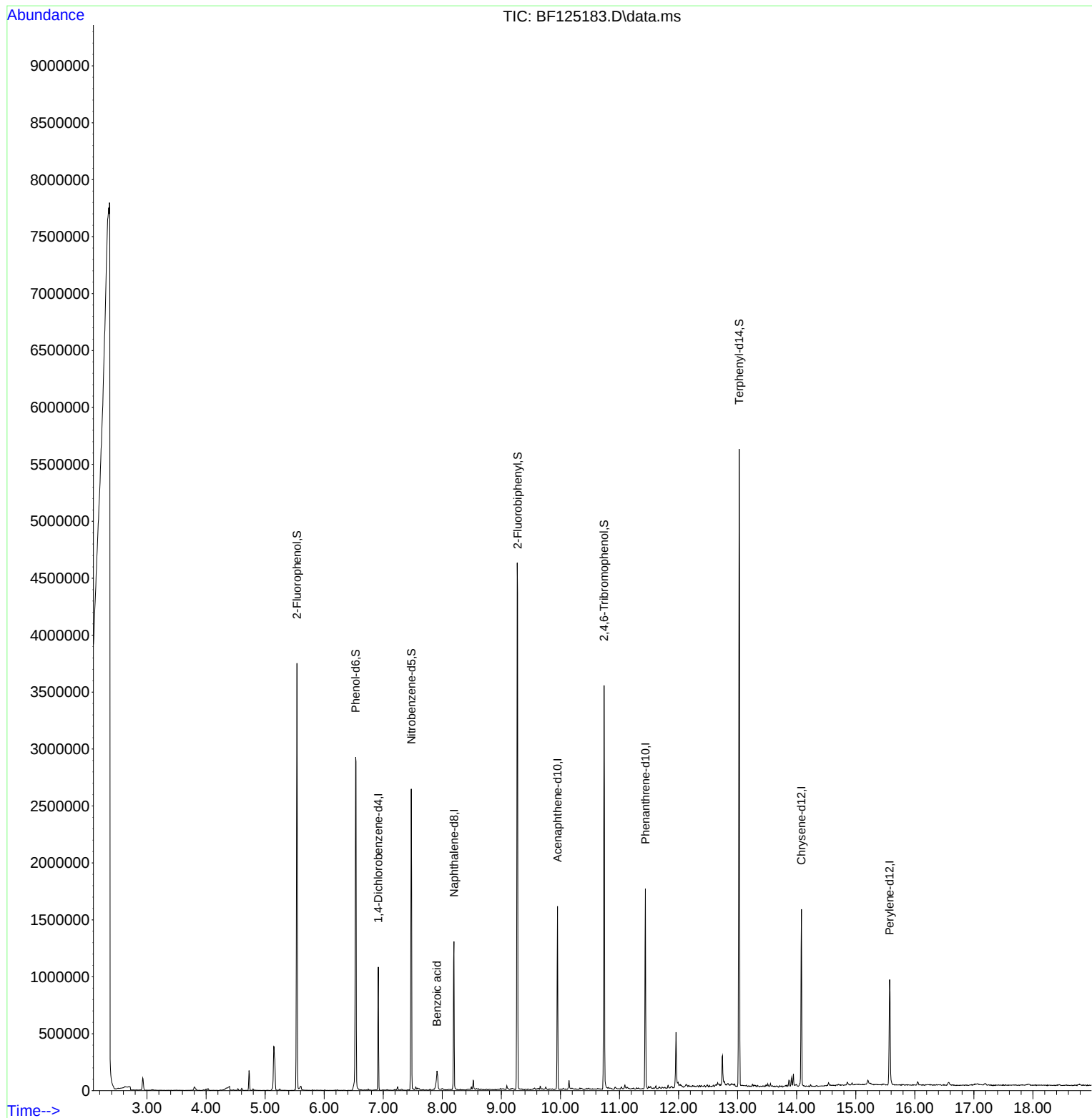
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	139150	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	548311	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	304774	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	592696	20.000	ng	0.00
76) Chrysene-d12	14.080	240	515751	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	434265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	913600	99.376	ng	0.01
7) Phenol-d6	6.534	99	1044348	87.835	ng	0.00
23) Nitrobenzene-d5	7.475	82	837531	76.899	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	456696	150.114	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1537766	70.322	ng	0.00
79) Terphenyl-d14	13.027	244	2166789	66.929	ng	0.00
Target Compounds						
32) Benzoic acid	7.910	122	40556	7.203	ng	Qvalue 85

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

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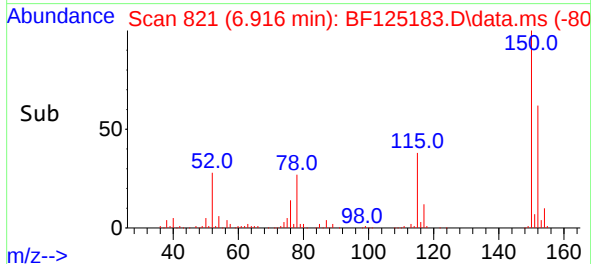
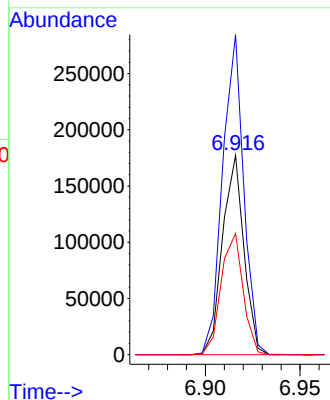
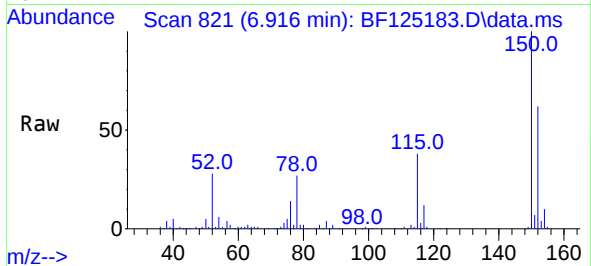




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

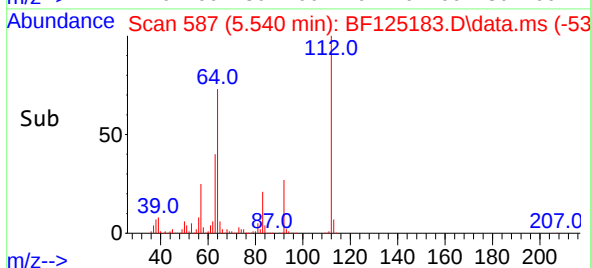
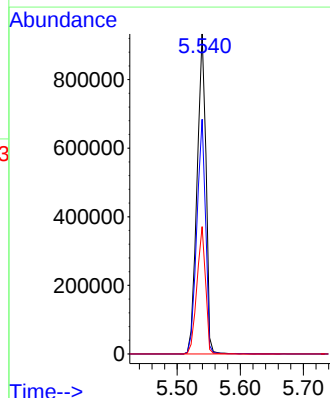
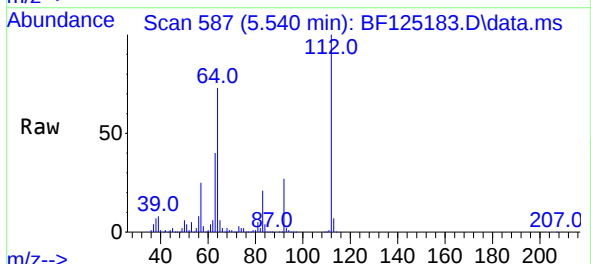
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 139150
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 99.376 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:112 Resp: 913600
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 39.8 26.2 39.2#

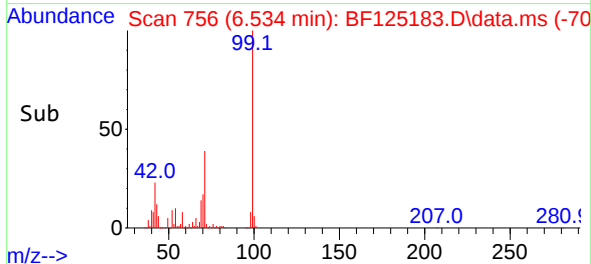
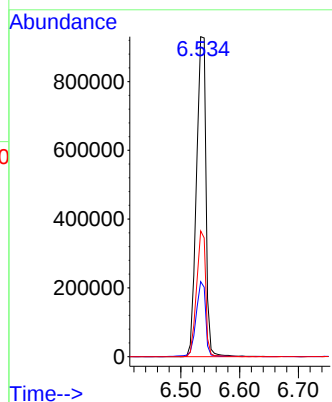
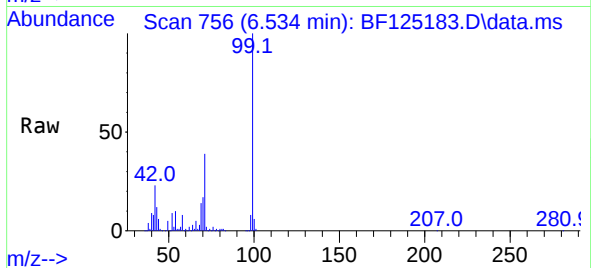




#7
Phenol-d6
Concen: 87.835 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

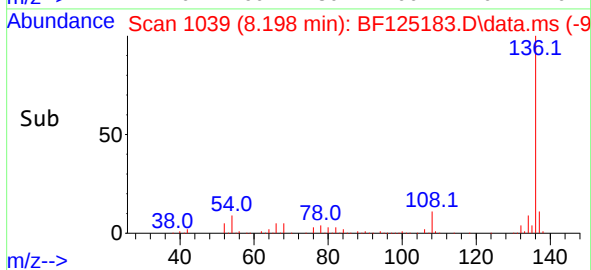
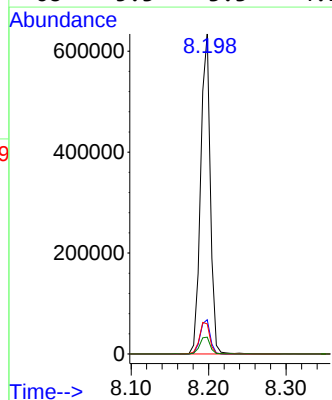
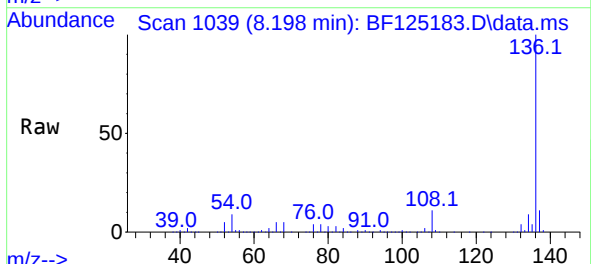
Instrument :
BNA_F
ClientSampleId :
1-GROWS

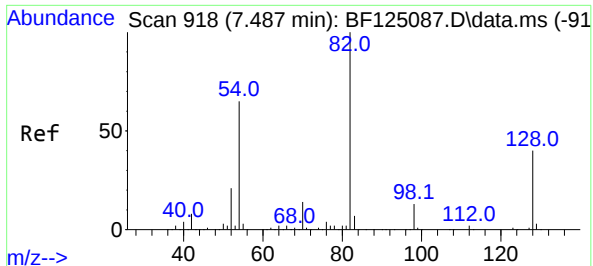
Tgt Ion: 99 Resp: 1044348
Ion Ratio Lower Upper
99 100
42 23.5 23.5 35.3#
71 39.3 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 136 Resp: 548311
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.4 6.4 9.6
68 5.3 3.3 4.9#

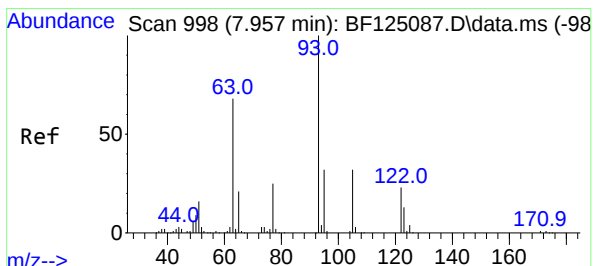
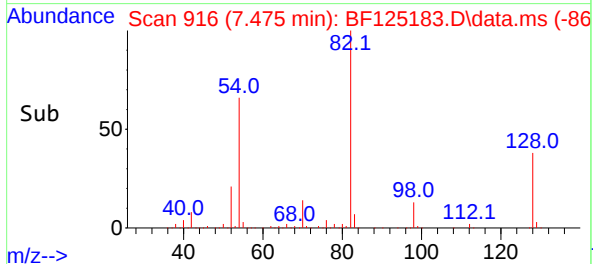
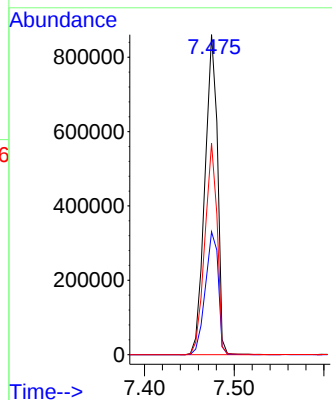
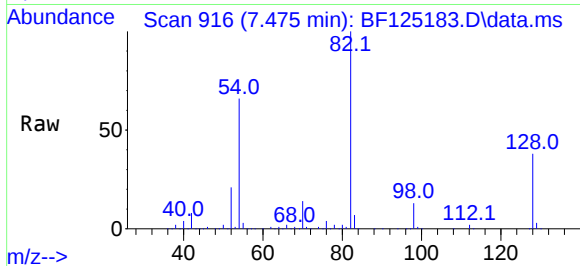




#23
Nitrobenzene-d5
Concen: 76.899 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

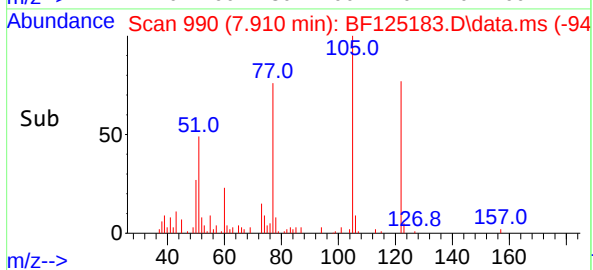
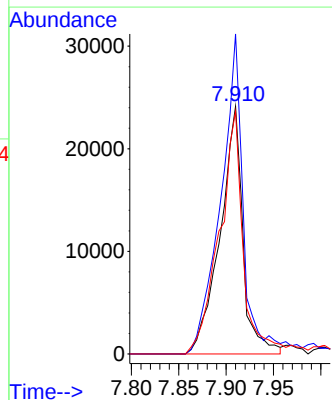
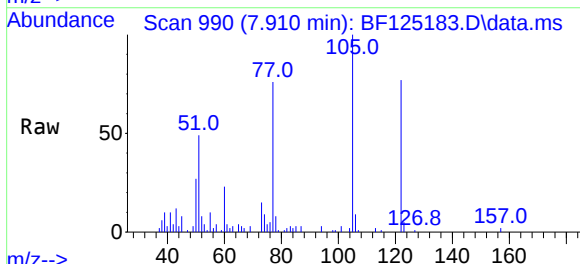
Instrument :
BNA_F
ClientSampleId :
1-GROWS

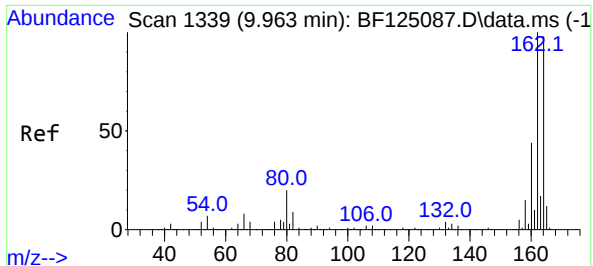
Tgt Ion: 82 Resp: 837531
Ion Ratio Lower Upper
82 100
128 38.4 40.6 60.8#
54 66.1 49.6 74.4



#32
Benzoic acid
Concen: 7.203 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.035 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:122 Resp: 40556
Ion Ratio Lower Upper
122 100
105 129.2 97.6 137.6
77 98.0 59.6 99.6

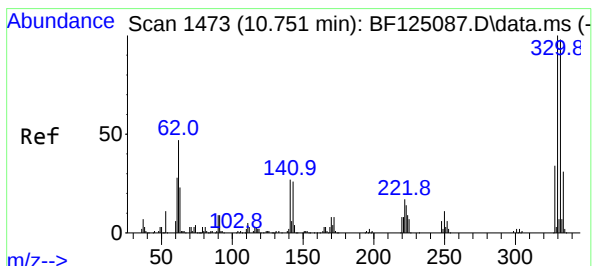
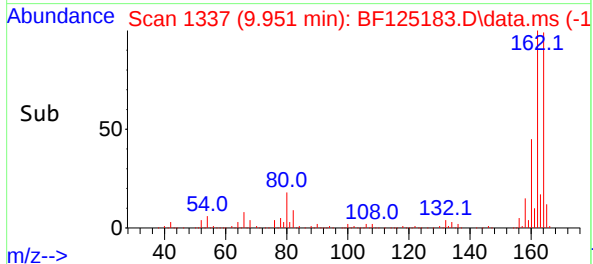
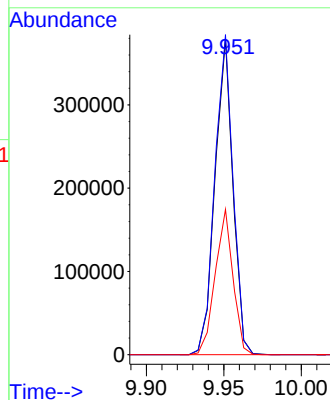
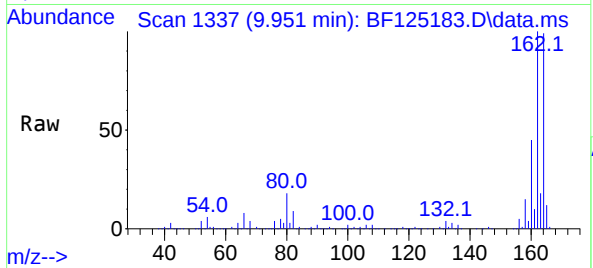




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

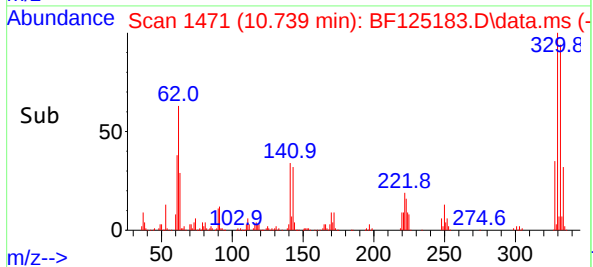
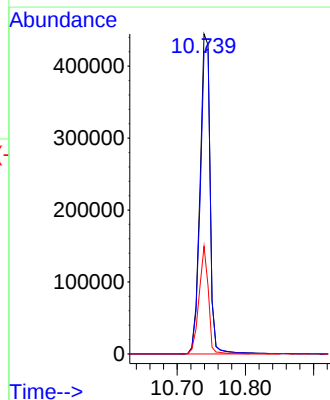
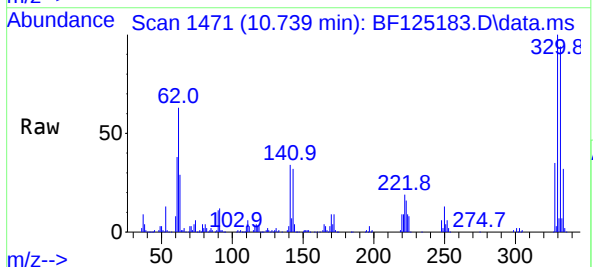
Instrument :
BNA_F
ClientSampleId :
1-GROWS

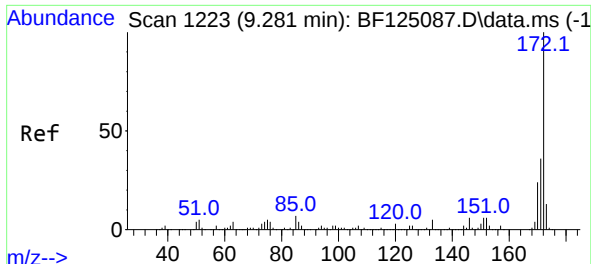
Tgt Ion:164 Resp: 304774
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 150.114 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:330 Resp: 456696
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.0 44.6 66.8#



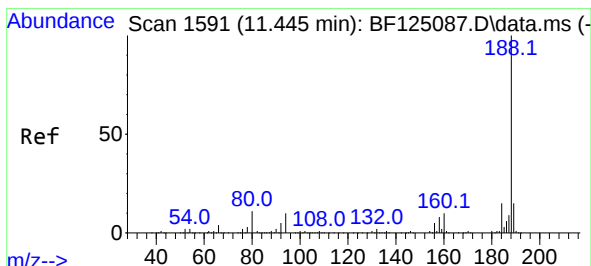
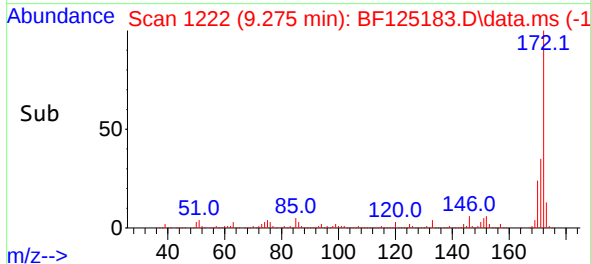
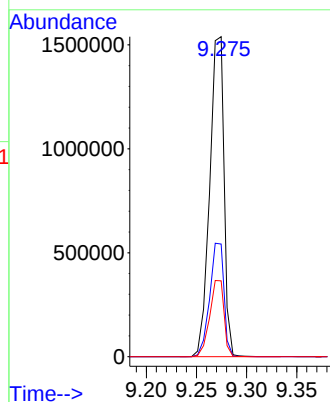
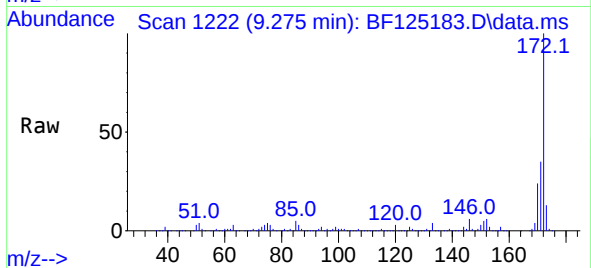


#45
2-Fluorobiphenyl
Concen: 70.322 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 1537766

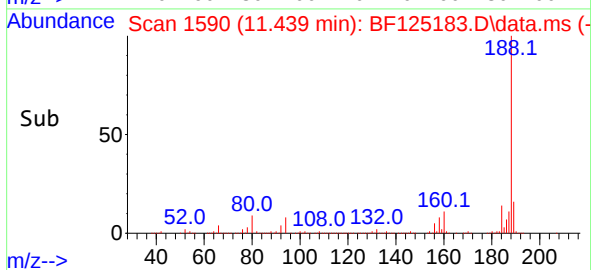
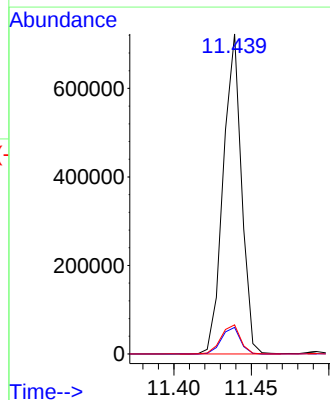
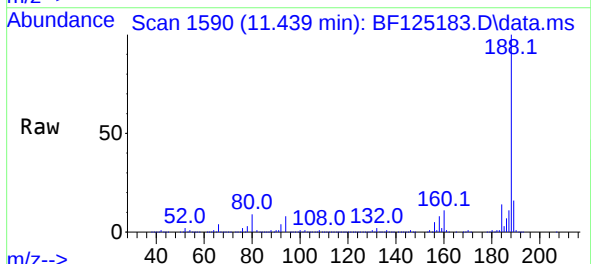
Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.5	39.7
170	23.7	18.8	28.2

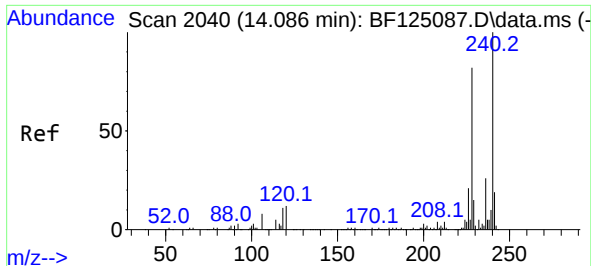


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:188 Resp: 592696

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.1	7.5	11.3

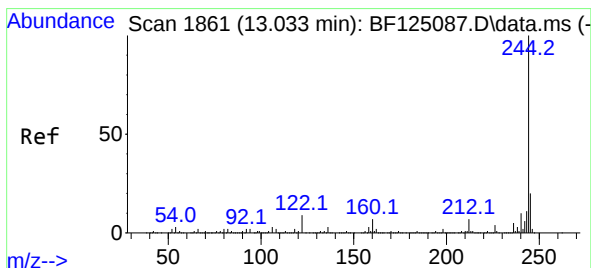
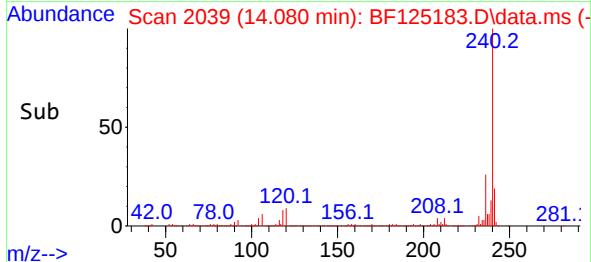
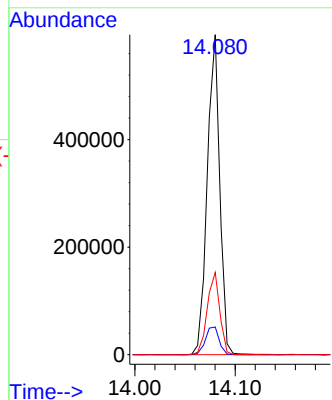
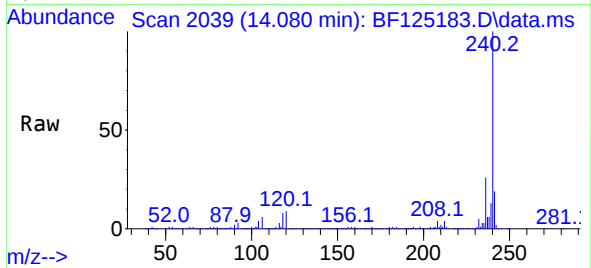




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

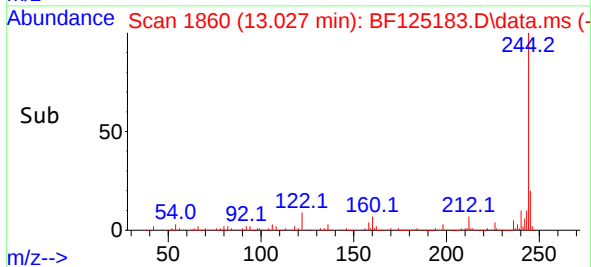
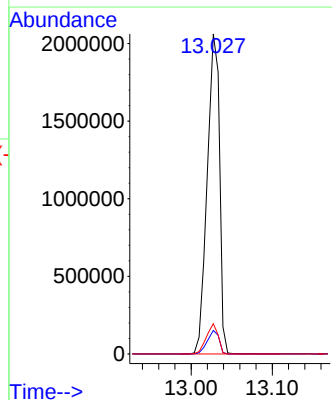
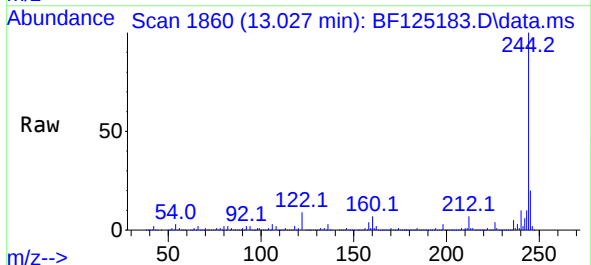
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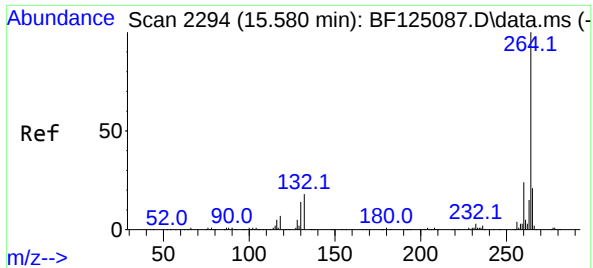
Tgt Ion:240 Resp: 515751
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 66.929 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125183.D
Acq: 24 Aug 2021 14:00

Tgt Ion:244 Resp: 2166789
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.5 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125183.D
 Acq: 24 Aug 2021 14:00

Instrument :
 BNA_F
 ClientSampleId :
 1-GROWS

Tgt Ion:264 Resp: 434265

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.9	17.2	25.8

