

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125850.D
 Acq On : 14 Oct 2021 18:08
 Operator : JU/CG
 Sample : M4194-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Quant Time: Oct 15 10:41:40 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 14 12:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	172755	20.00	ng	-0.01
21) Naphthalene-d8	8.110	136	714088	20.00	ng	#-0.02
39) Acenaphthene-d10	9.863	164	370210	20.00	ng	-0.02
64) Phenanthrene-d10	11.345	188	650617	20.00	ng	#-0.02
76) Chrysene-d12	13.980	240	394923	20.00	ng	-0.02
86) Perylene-d12	15.433	264	402364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1190959	112.62	ng	-0.01
7) Phenol-d6	6.463	99	1467728	107.81	ng	-0.01
23) Nitrobenzene-d5	7.392	82	858207	74.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	404826	110.76	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1520694	70.85	ng	-0.02
79) Terphenyl-d14	12.933	244	1375143	53.04	ng	-0.01

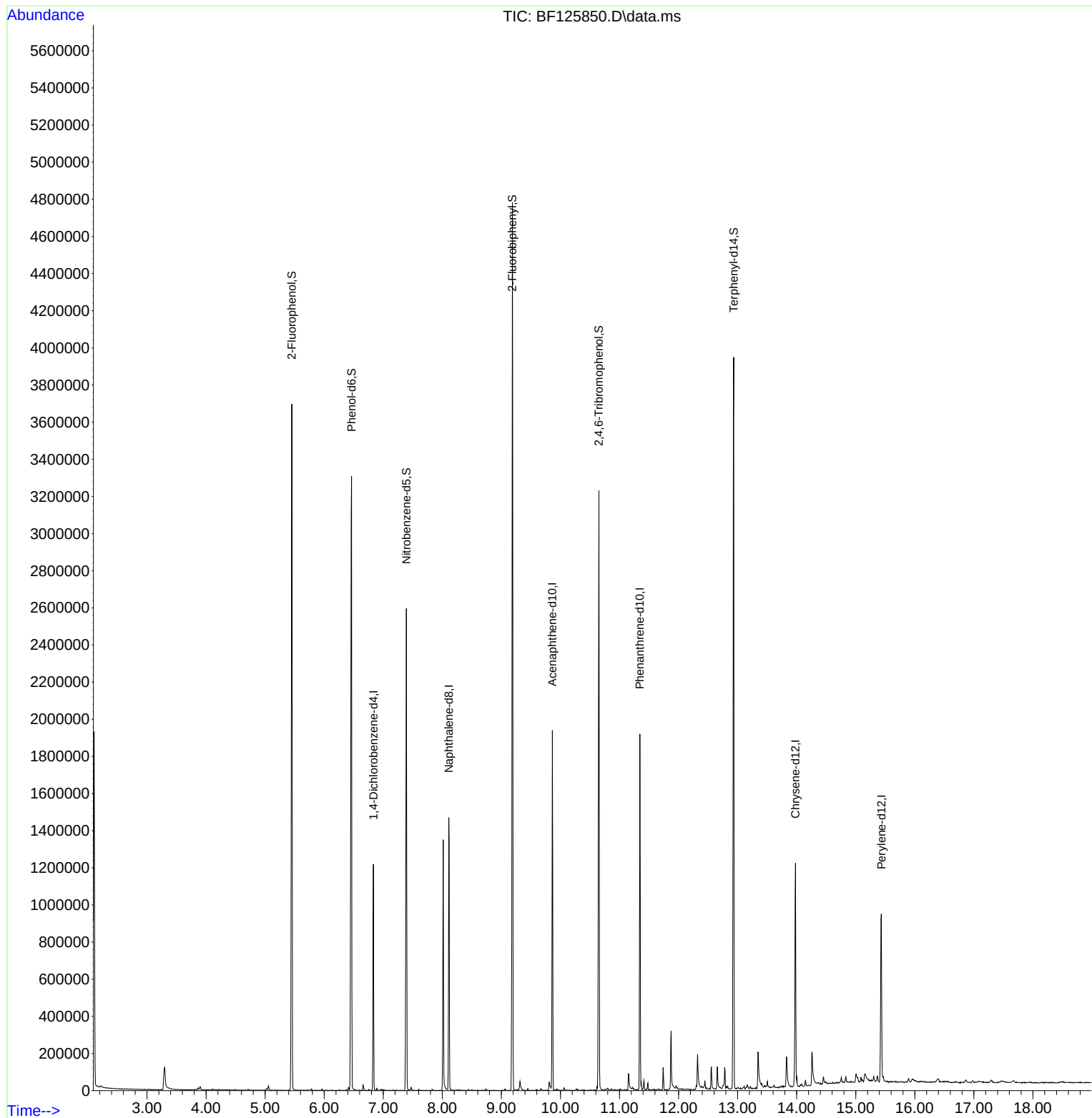
Target Compounds	Qvalue

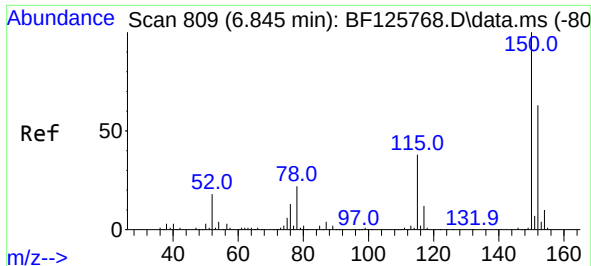
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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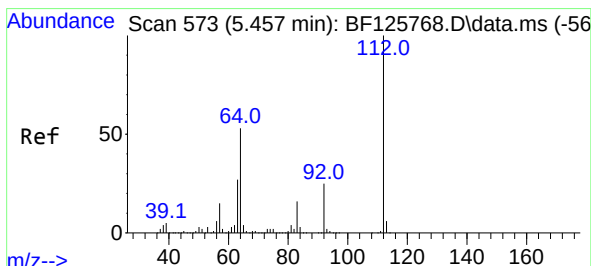
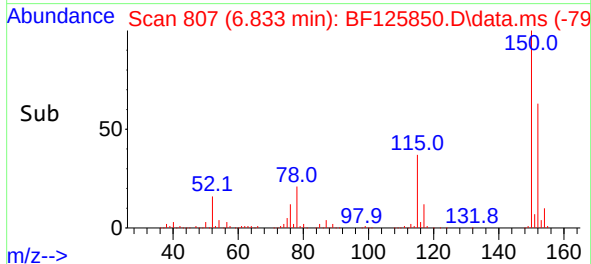
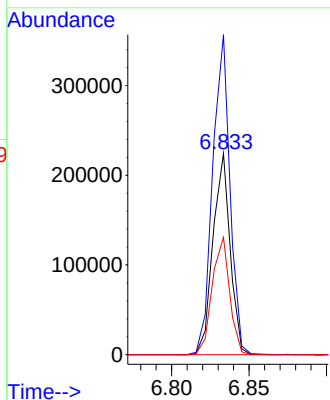
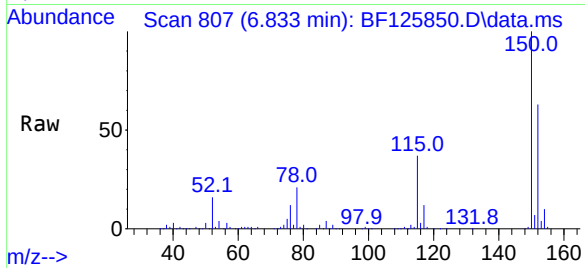




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

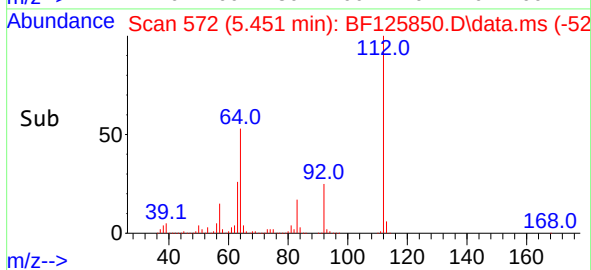
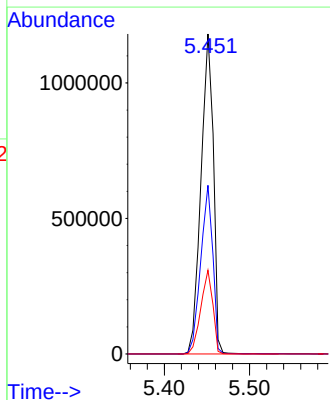
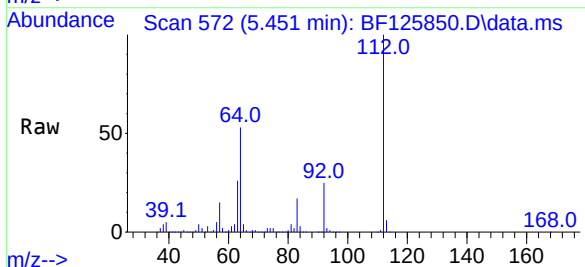
Instrument :
BNA_F
ClientSampleId :
VNJ-209

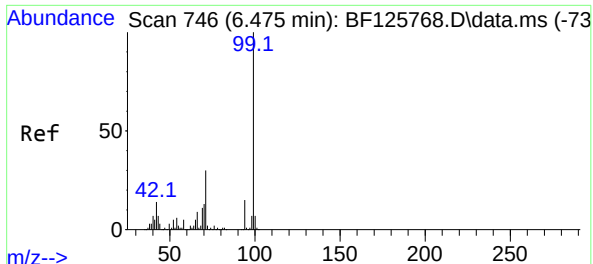
Tgt Ion:152 Resp: 172755
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 112.62 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion:112 Resp: 1190959
Ion Ratio Lower Upper
112 100
64 52.7 44.2 66.2
63 26.2 26.2 39.2

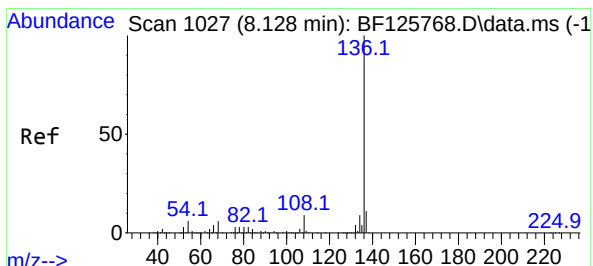
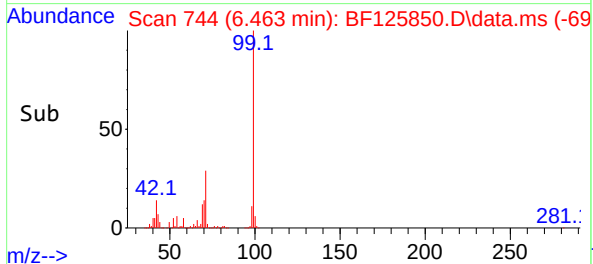
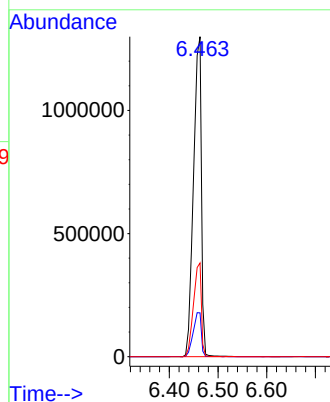
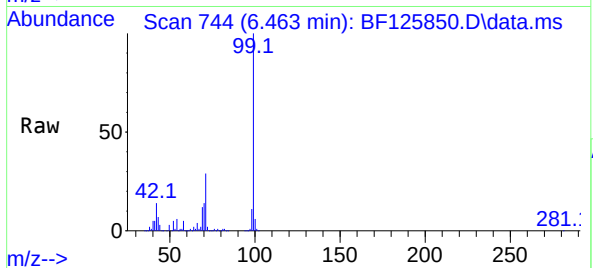




#7
Phenol-d6
Concen: 107.81 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

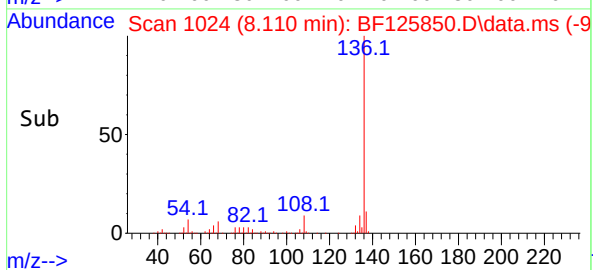
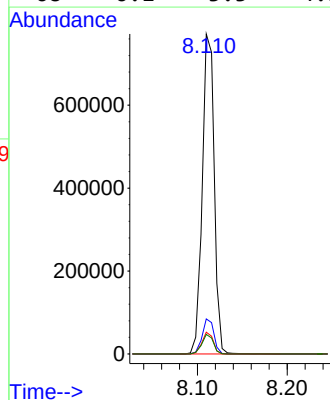
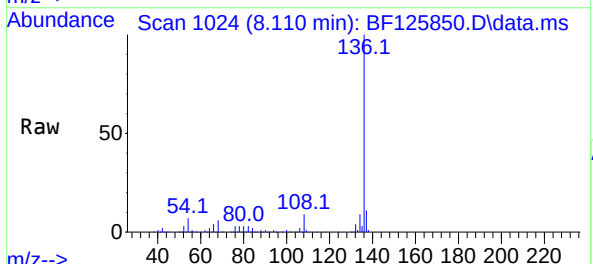
Instrument :
BNA_F
ClientSampleId :
VNJ-209

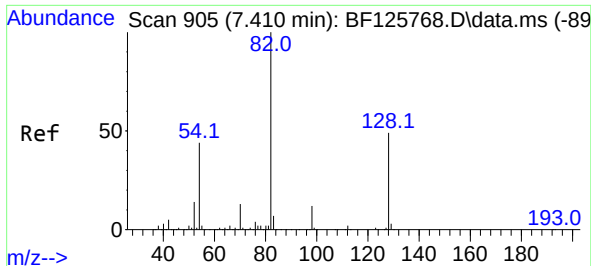
Tgt Ion: 99 Resp: 1467728
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion: 136 Resp: 714088
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.8 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 74.71 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.018 min

Lab File: BF125850.D

Acq: 14 Oct 2021 18:08

Instrument :

BNA_F

ClientSampleId :

VNJ-209

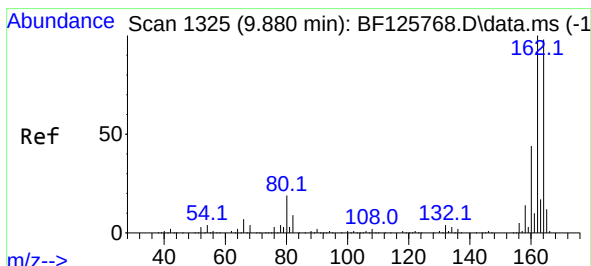
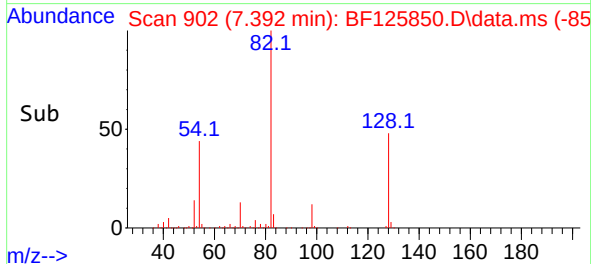
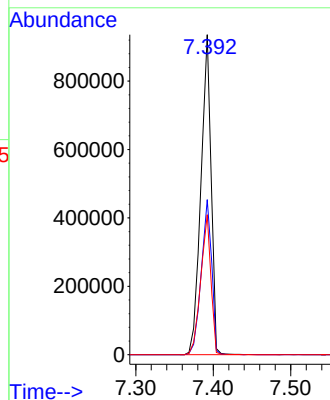
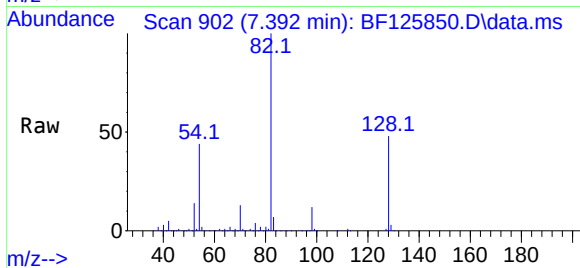
Tgt Ion: 82 Resp: 858207

Ion Ratio Lower Upper

82 100

128 48.4 40.6 60.8

54 43.8 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.018 min

Lab File: BF125850.D

Acq: 14 Oct 2021 18:08

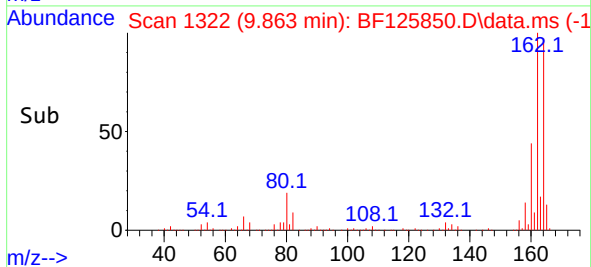
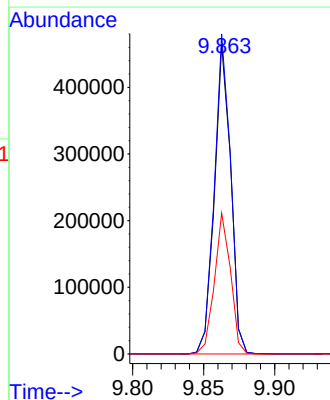
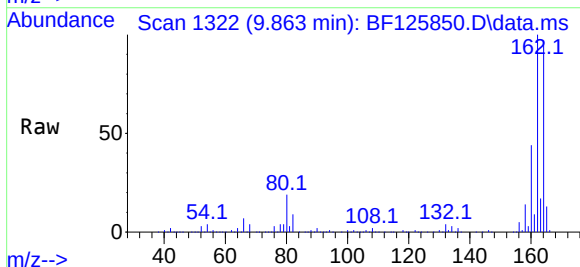
Tgt Ion: 164 Resp: 370210

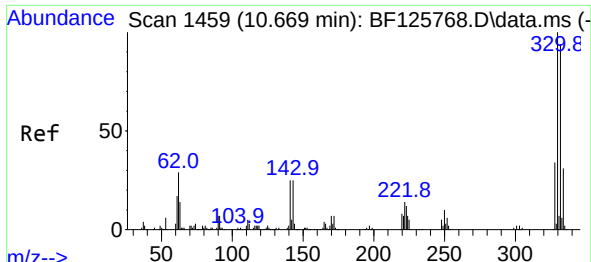
Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

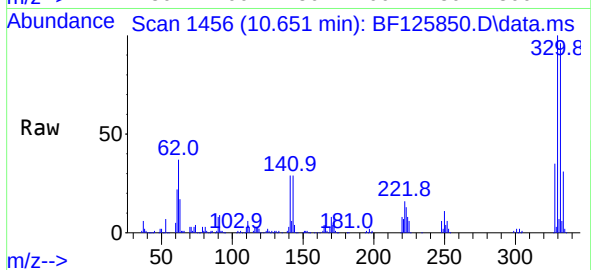
160 45.5 38.0 57.0



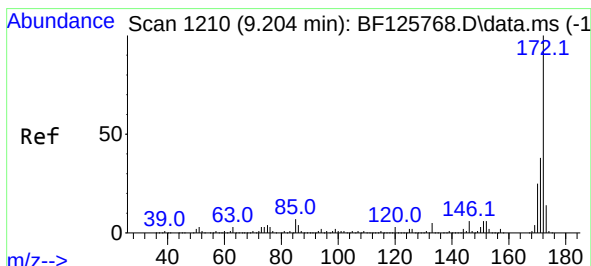
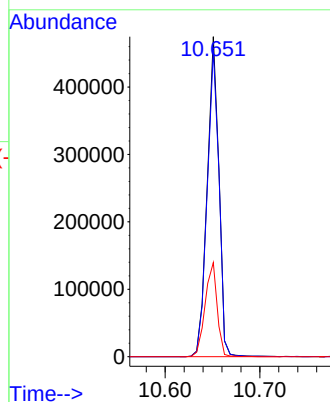
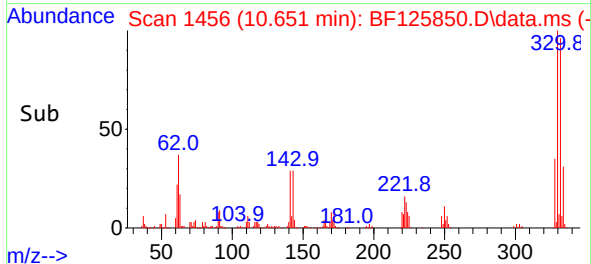


#42
2,4,6-Tribromophenol
Concen: 110.76 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

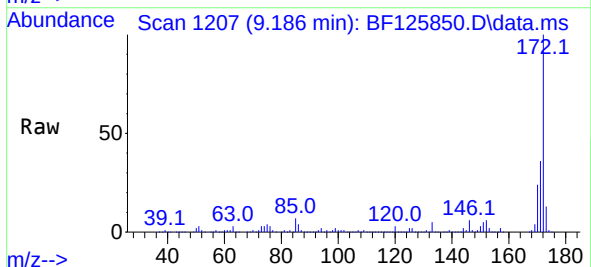
Instrument :
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ClientSampleId :
VNJ-209



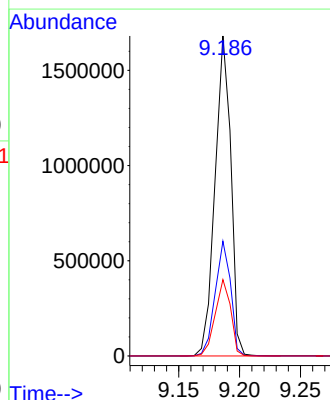
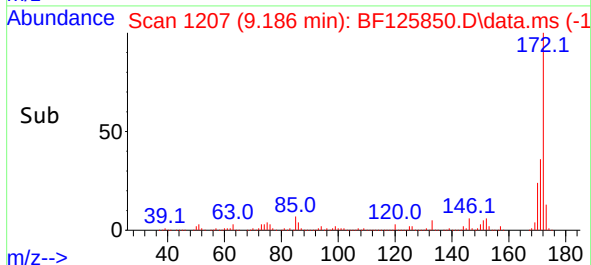
Tgt Ion:330 Resp: 404826
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 30.5 44.6 66.8#

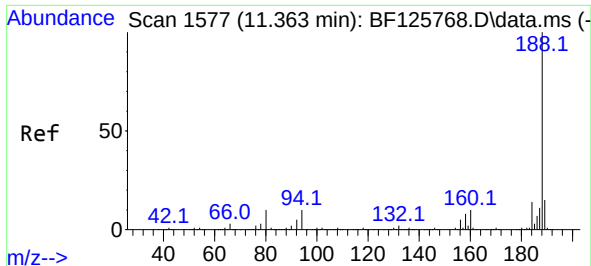


#45
2-Fluorobiphenyl
Concen: 70.85 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08



Tgt Ion:172 Resp: 1520694
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.8 18.8 28.2

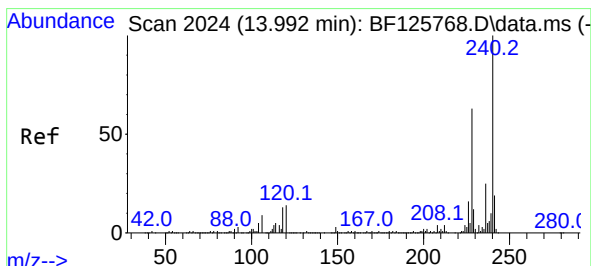
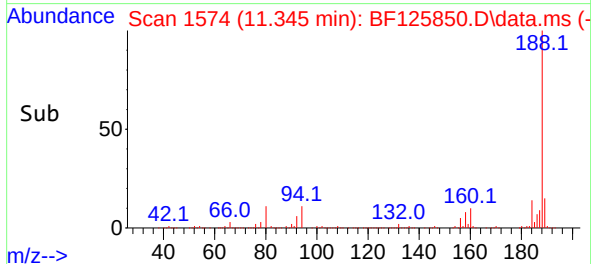
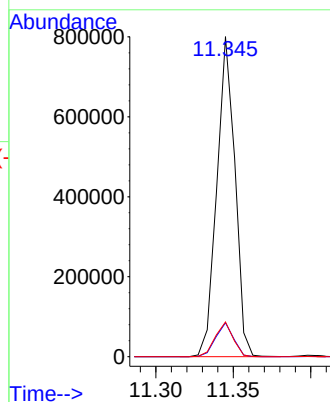
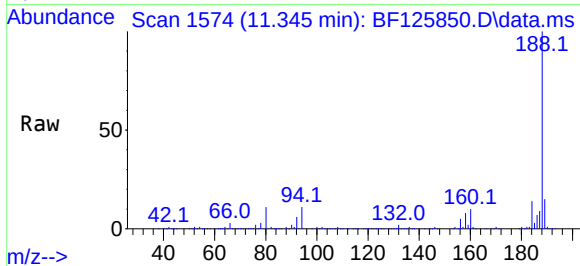




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

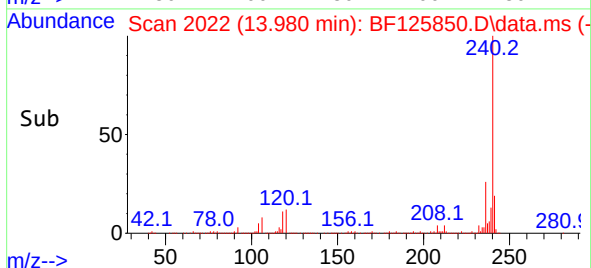
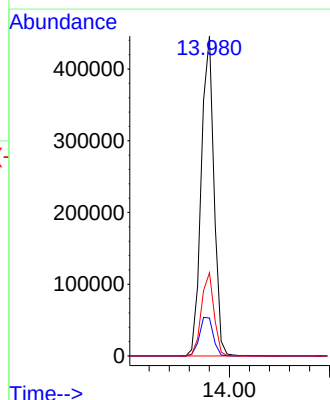
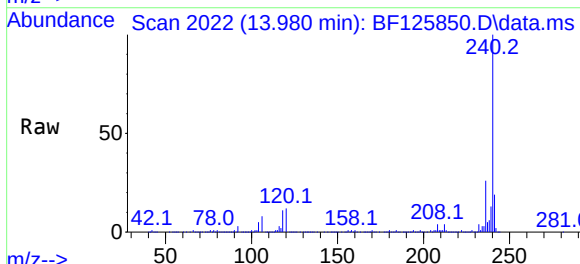
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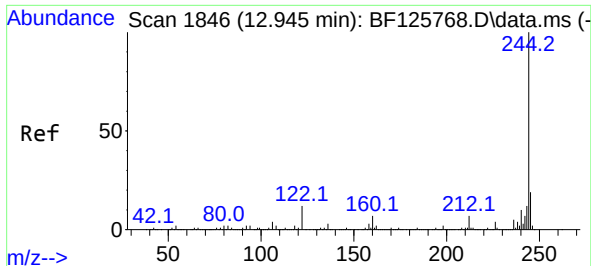
Tgt Ion:188 Resp: 650617
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

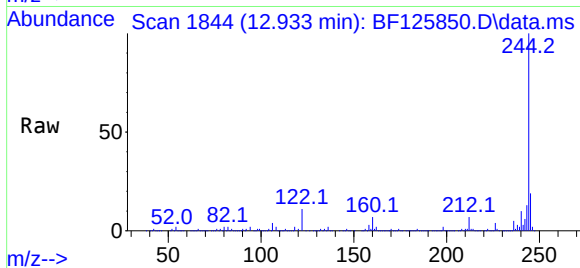
Tgt Ion:240 Resp: 394923
Ion Ratio Lower Upper
240 100
120 11.8 10.8 16.2
236 26.0 21.6 32.4



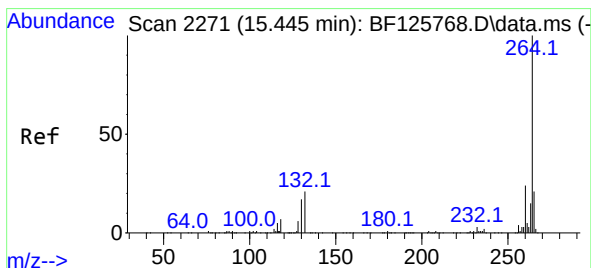
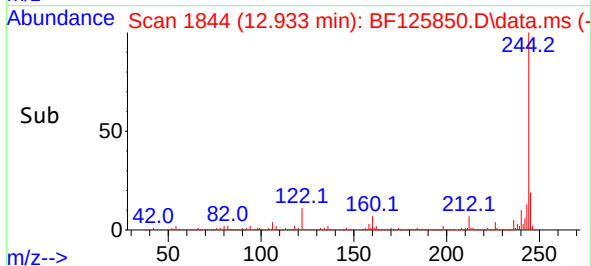
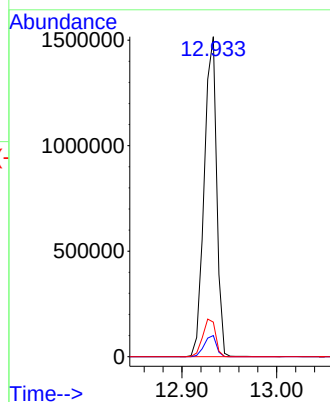


#79
Terphenyl-d14
Concen: 53.04 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

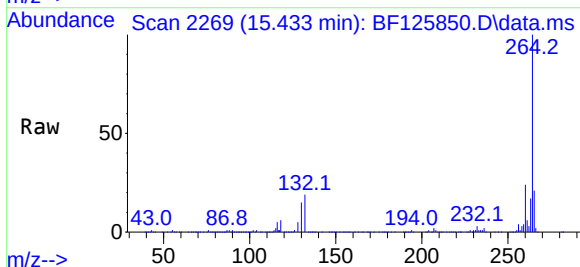
Instrument :
BNA_F
ClientSampled :
VNJ-209



Tgt Ion:244 Resp: 1375143
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.8 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08



Tgt Ion:264 Resp: 402364
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 20.8 17.2 25.8

