

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125854.D
 Acq On : 14 Oct 2021 20:18
 Operator : JU/CG
 Sample : M4194-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-239

Quant Time: Oct 15 10:43:00 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	6.834	152	170021	20.00	ng	-0.01
21) Naphthalene-d8	8.110	136	692585	20.00	ng	#-0.02
39) Acenaphthene-d10	9.863	164	363350	20.00	ng	-0.02
64) Phenanthrene-d10	11.345	188	581982	20.00	ng	#-0.02
76) Chrysene-d12	13.980	240	377040	20.00	ng	-0.02
86) Perylene-d12	15.427	264	378513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1127403	108.33	ng	-0.01
7) Phenol-d6	6.463	99	1376675	102.75	ng	-0.01
23) Nitrobenzene-d5	7.392	82	803095	72.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	362453	101.04	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1316585	62.50	ng	-0.02
79) Terphenyl-d14	12.927	244	956414	38.64	ng	-0.02

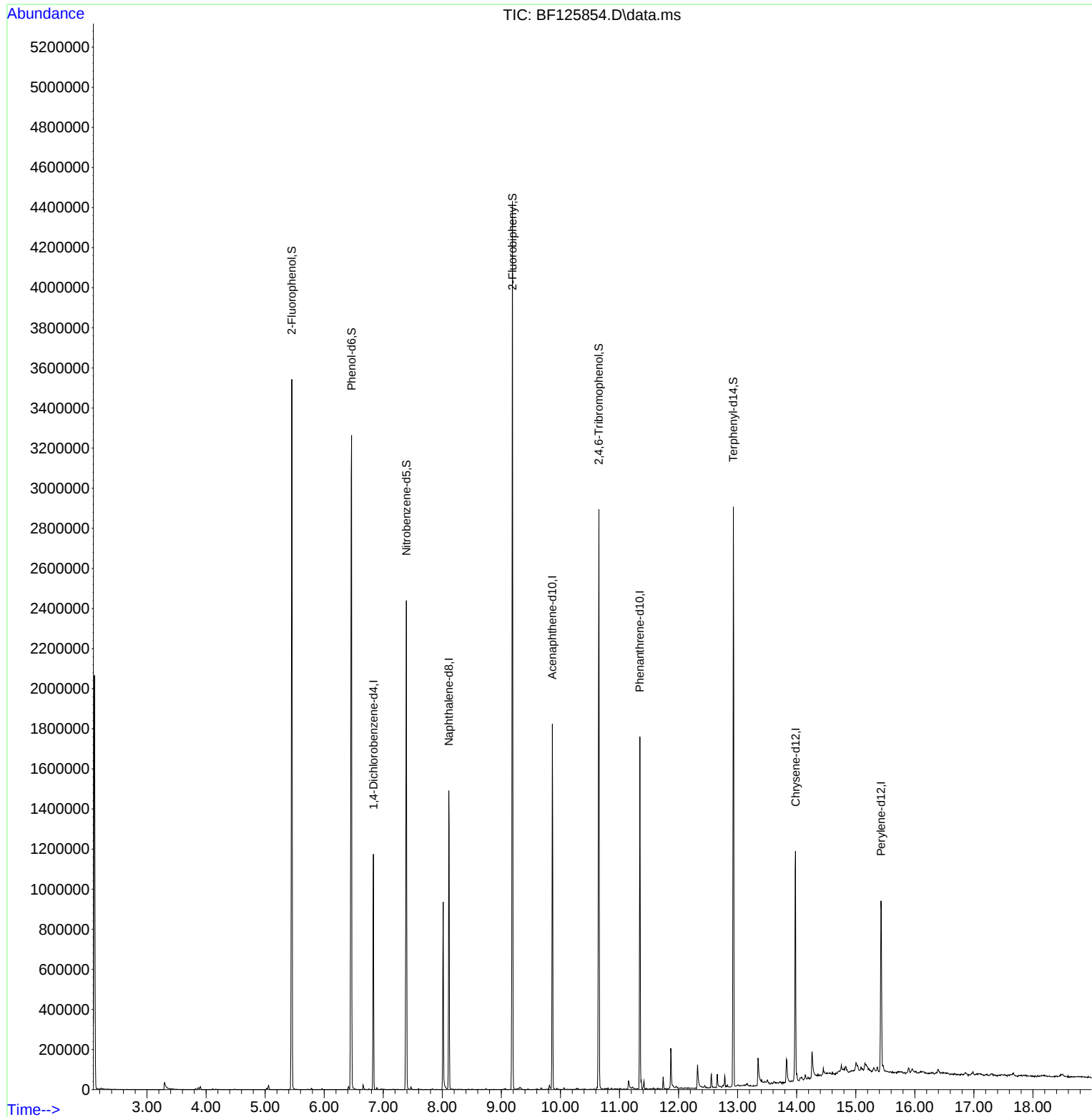
Target Compounds	Qvalue

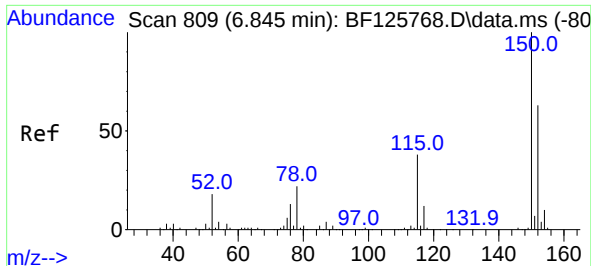
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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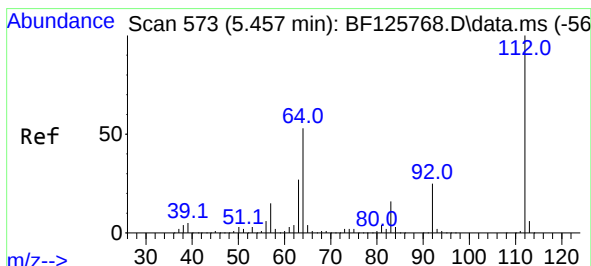
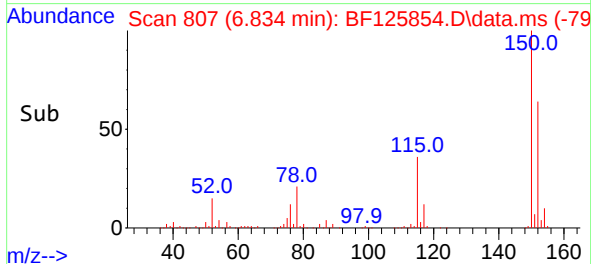
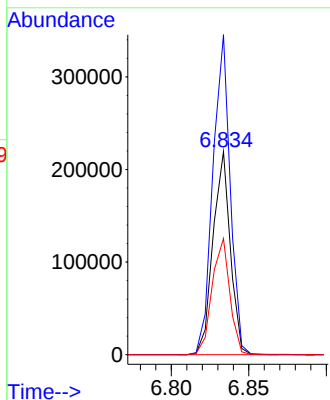
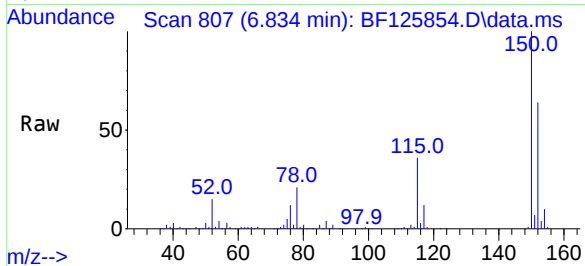




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

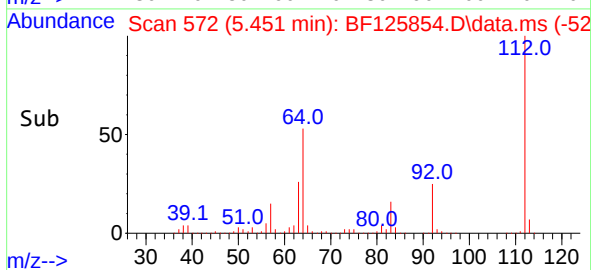
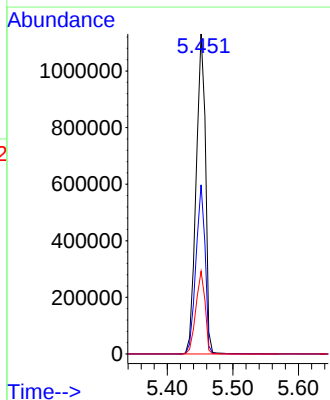
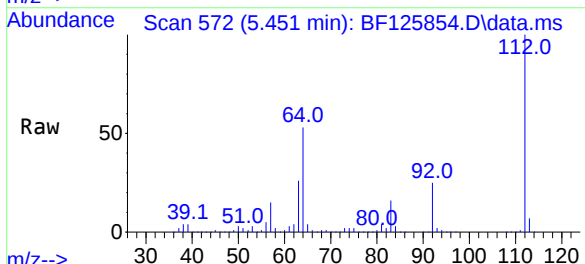
Instrument :
BNA_F
ClientSampled :
VNJ-239

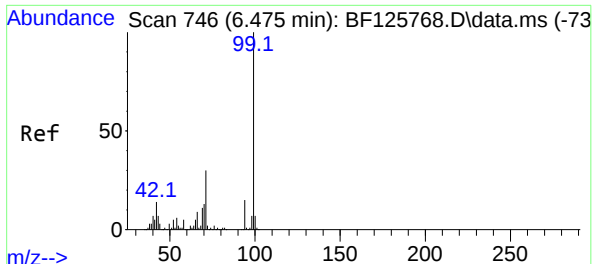
Tgt Ion:152 Resp: 170021
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 57.1 47.1 70.7



#5
2-Fluorophenol
Concen: 108.33 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:112 Resp: 1127403
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 25.9 26.2 39.2#

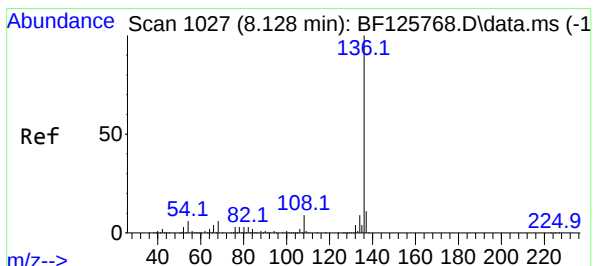
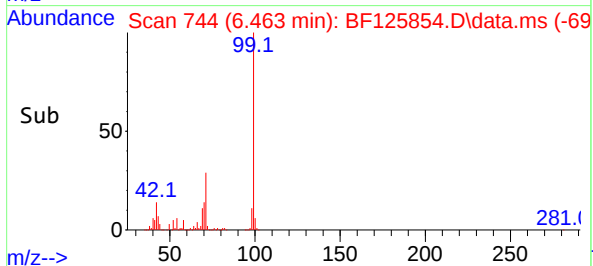
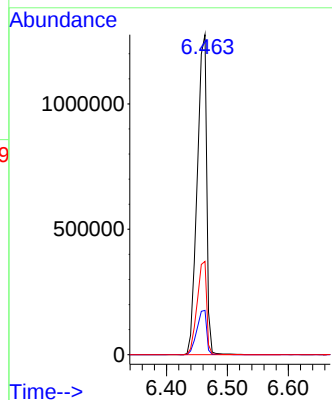
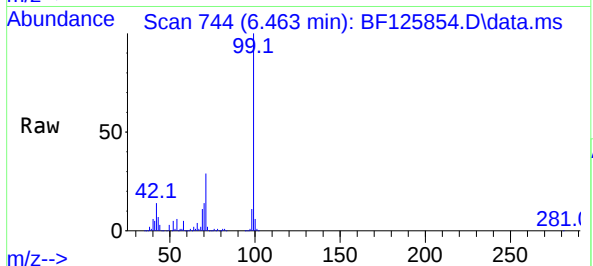




#7
Phenol-d6
Concen: 102.75 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

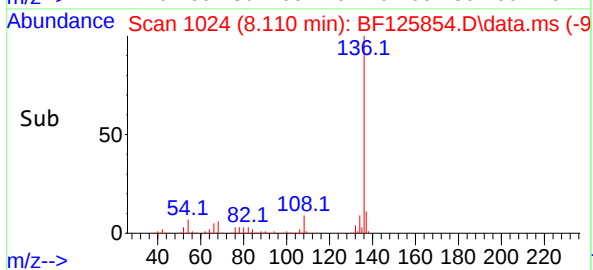
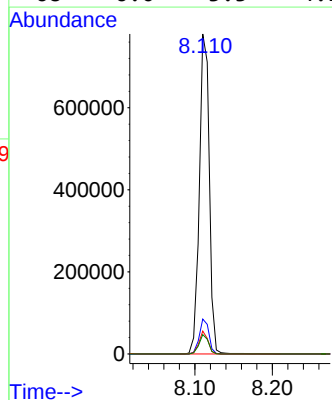
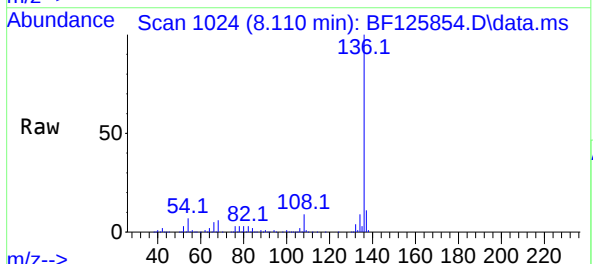
Instrument :
BNA_F
ClientSampleId :
VNJ-239

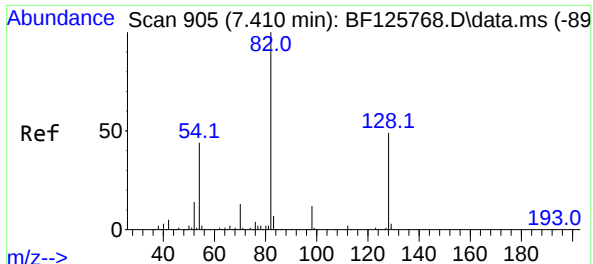
Tgt Ion: 99 Resp: 1376675
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion: 136 Resp: 692585
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 7.2 6.4 9.6
68 6.0 3.3 4.9#

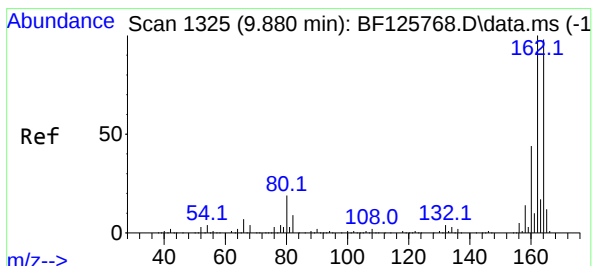
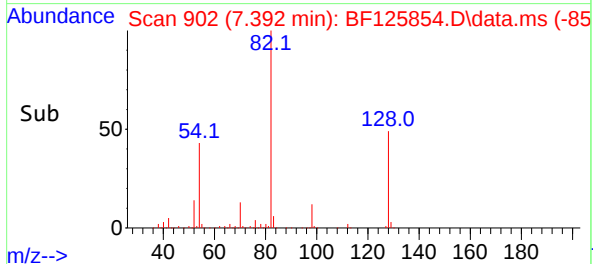
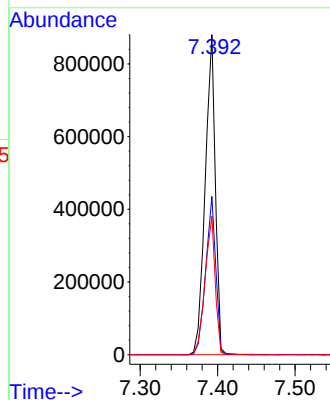
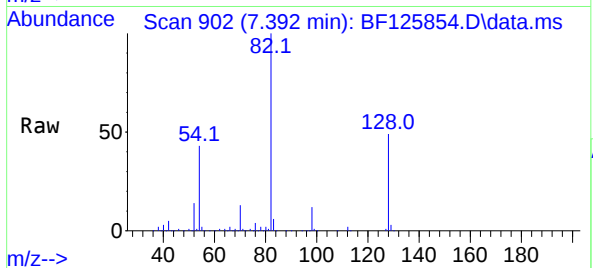




#23
Nitrobenzene-d5
Concen: 72.08 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

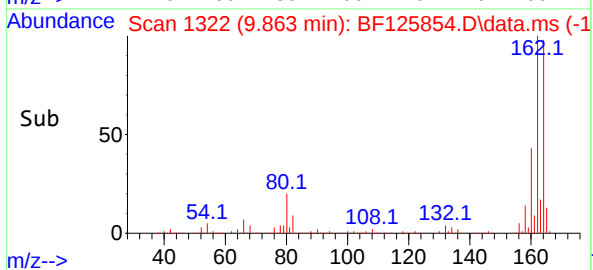
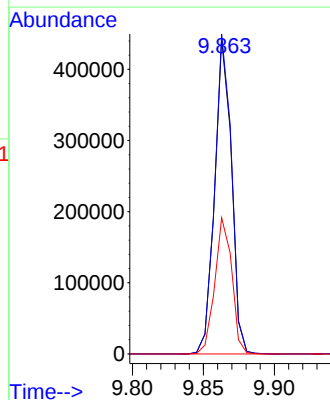
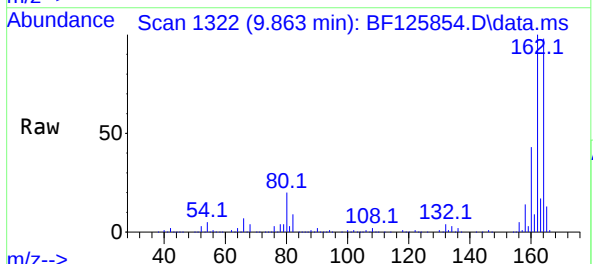
Instrument :
BNA_F
ClientSampleId :
VNJ-239

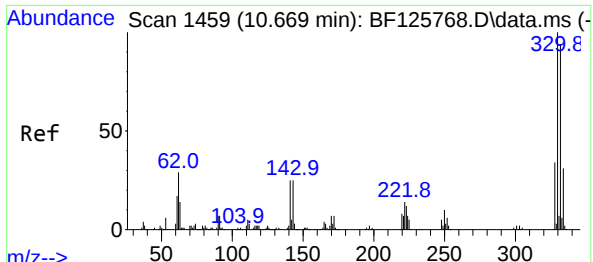
Tgt Ion: 82 Resp: 803095
Ion Ratio Lower Upper
82 100
128 49.4 40.6 60.8
54 43.2 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion: 164 Resp: 363350
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 43.2 38.0 57.0

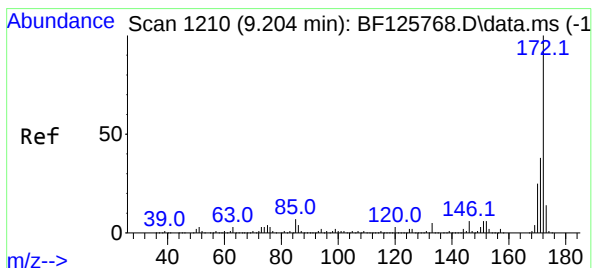
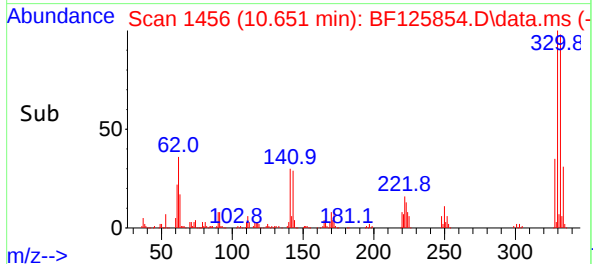
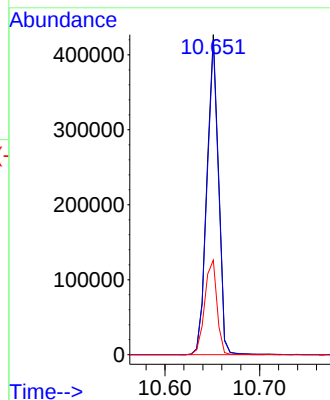
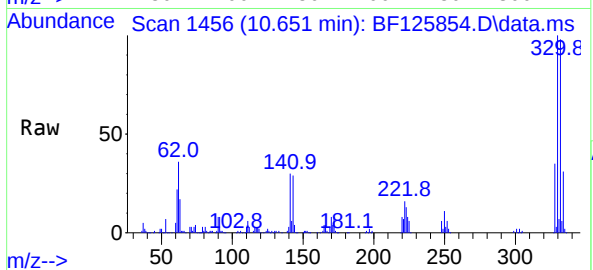




#42
2,4,6-Tribromophenol
Concen: 101.04 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

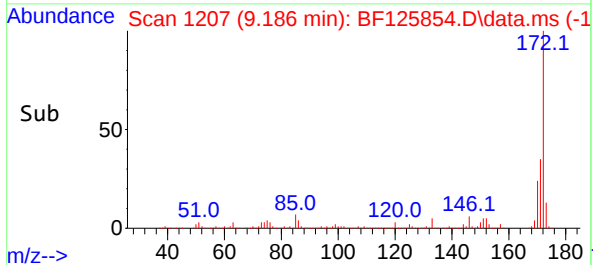
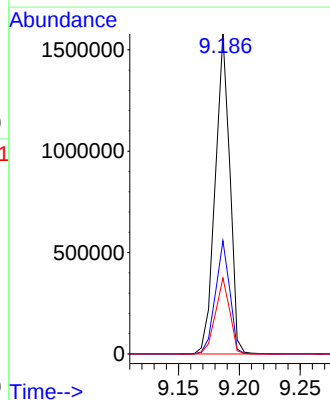
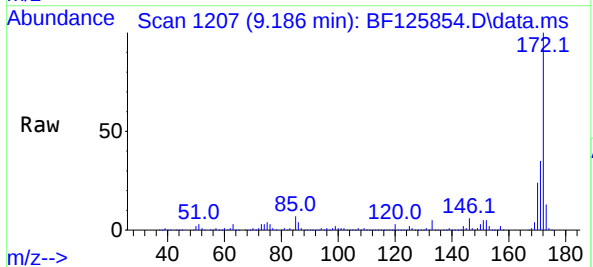
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ClientSampled :
VNJ-239

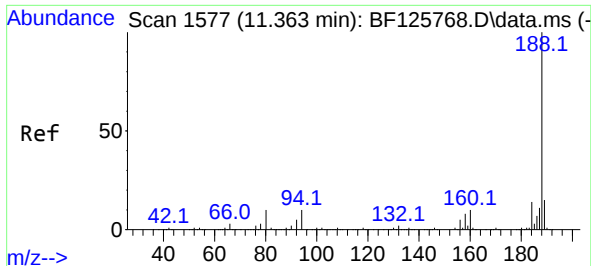
Tgt Ion:330 Resp: 362453
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.50 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:172 Resp: 1316585
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.7 18.8 28.2

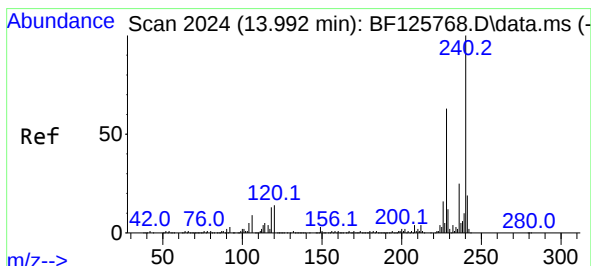
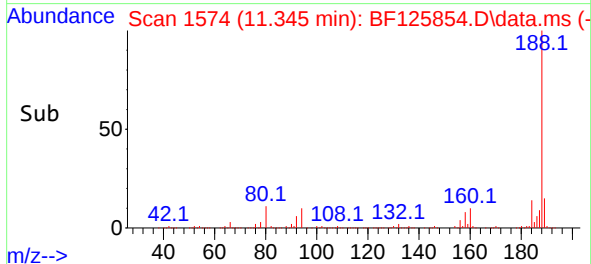
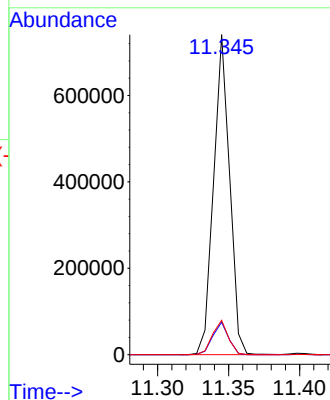
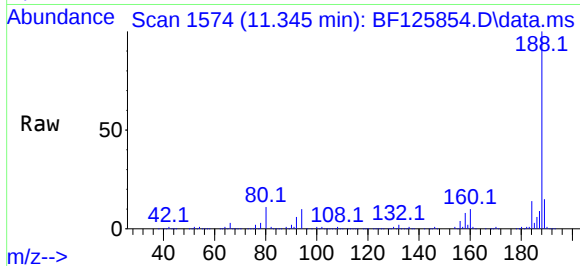




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

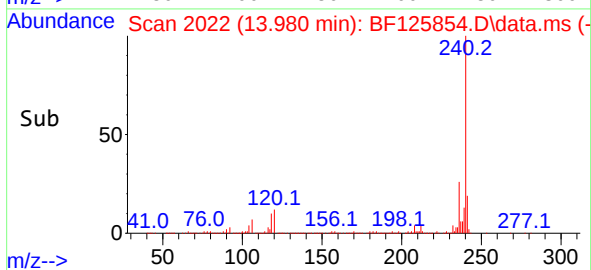
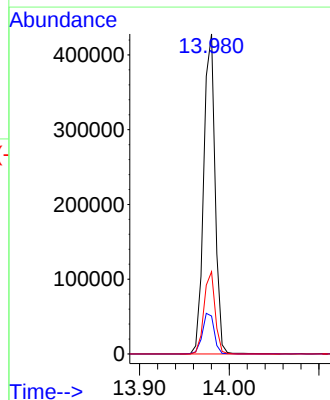
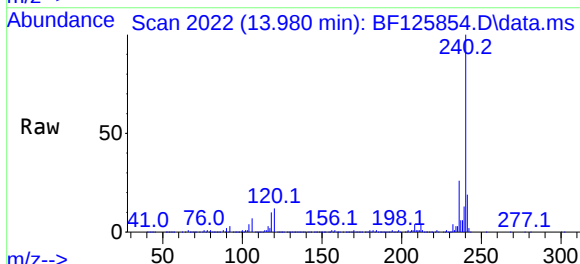
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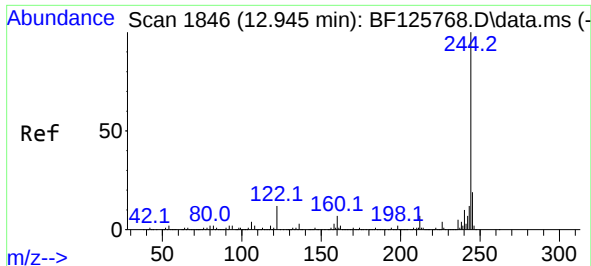
Tgt Ion:188 Resp: 581982
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:240 Resp: 377040
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 25.7 21.6 32.4

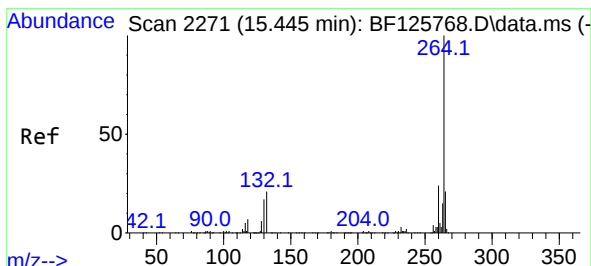
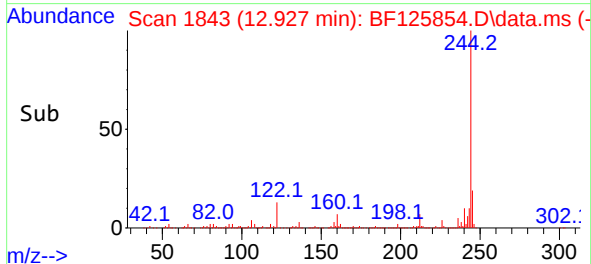
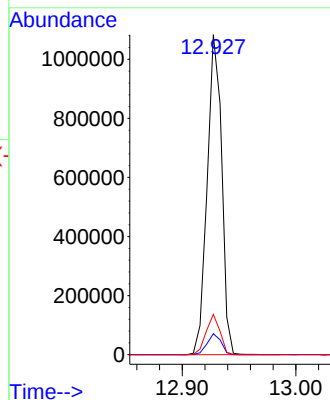
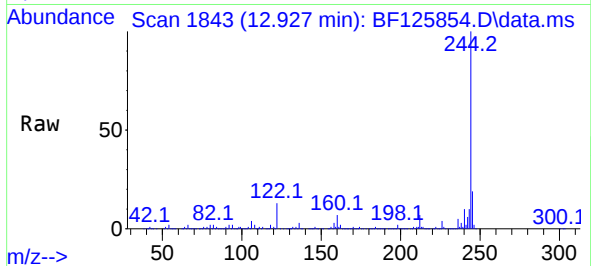




#79
Terphenyl-d14
Concen: 38.64 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:244 Resp: 956414
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 12.6 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.024 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:264 Resp: 378513
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.0 17.2 25.8

