

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125881.D
 Acq On : 18 Oct 2021 17:16
 Operator : JU/CG
 Sample : M4243-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

Quant Time: Oct 19 09:07:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

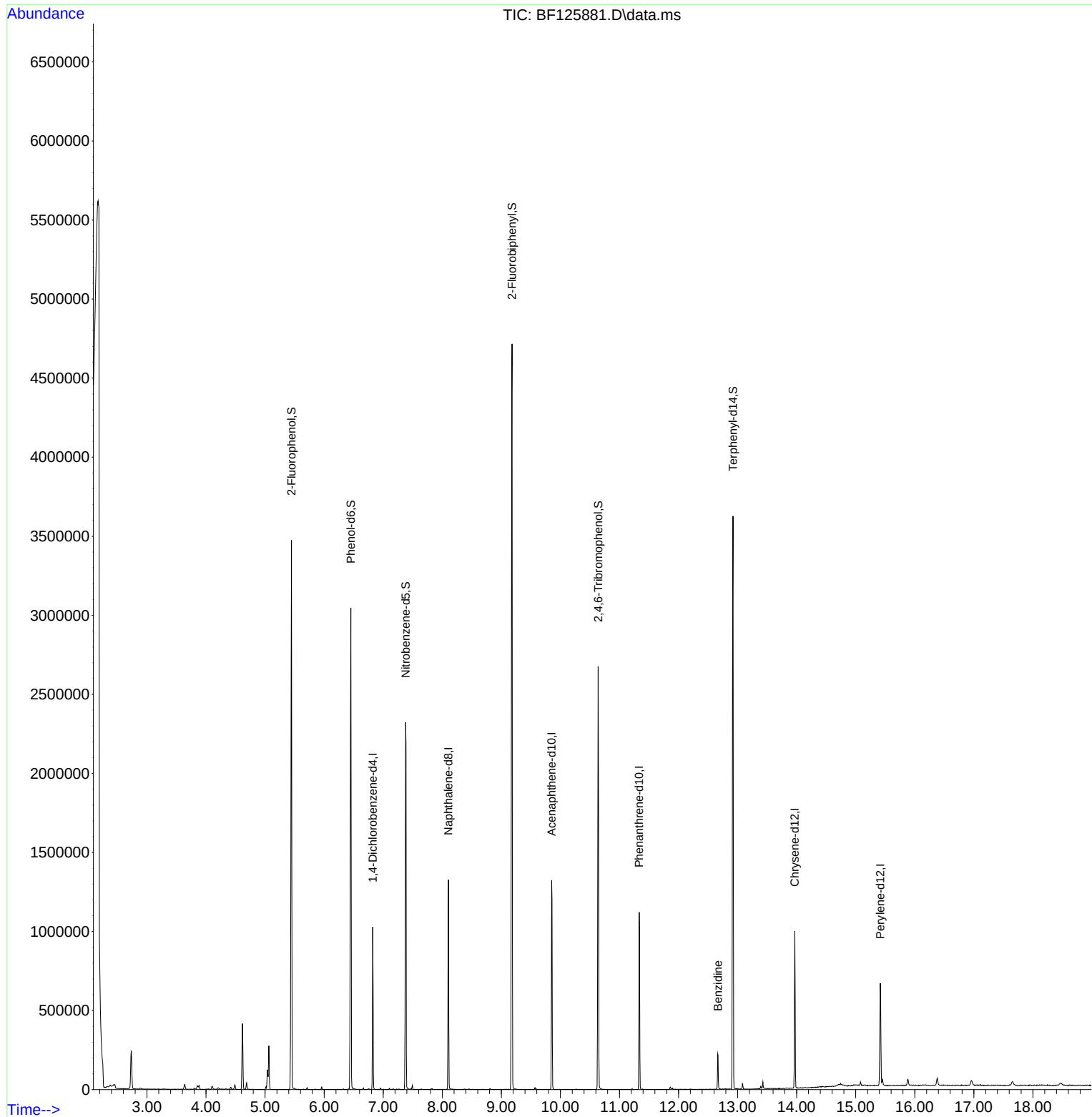
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	145666	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	585622	20.00	ng	# 0.00
39) Acenaphthene-d10	9.851	164	288379	20.00	ng	-0.01
64) Phenanthrene-d10	11.333	188	410642	20.00	ng	# 0.00
76) Chrysene-d12	13.969	240	307247	20.00	ng	0.00
86) Perylene-d12	15.415	264	285520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1062939	119.21	ng	0.00
7) Phenol-d6	6.451	99	1170769	101.99	ng	0.00
23) Nitrobenzene-d5	7.381	82	829027	88.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	334450	117.47	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1571329	93.98	ng	0.00
79) Terphenyl-d14	12.922	244	1209455	59.96	ng	0.00
Target Compounds						
77) Benzidine	12.669	184	87760	7.81	ng	Qvalue 97

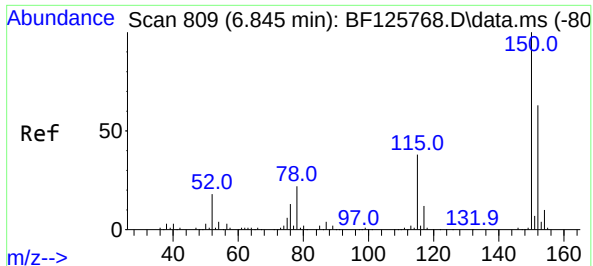
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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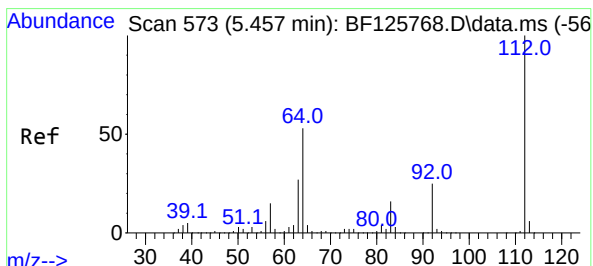
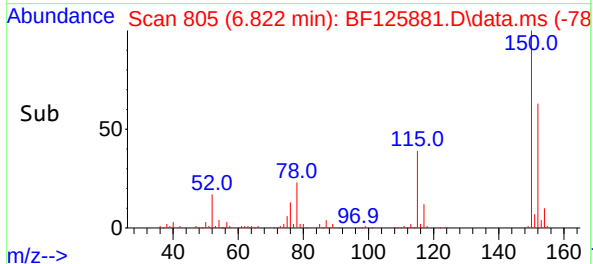
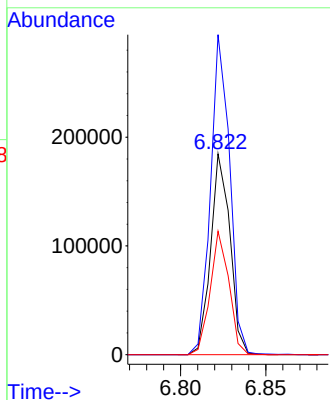
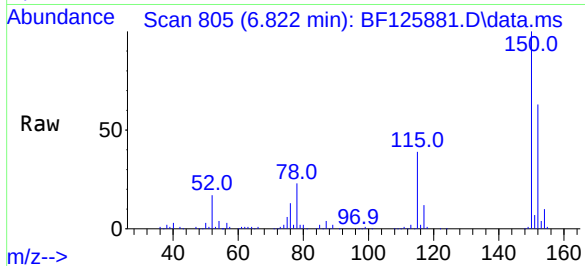




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

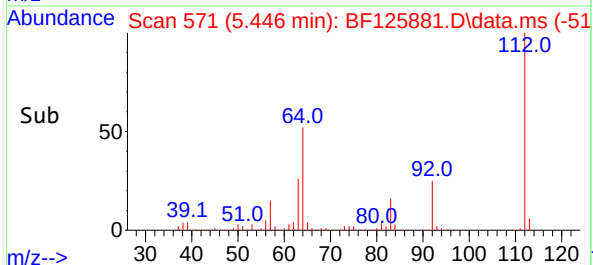
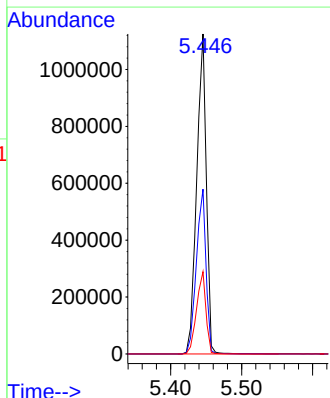
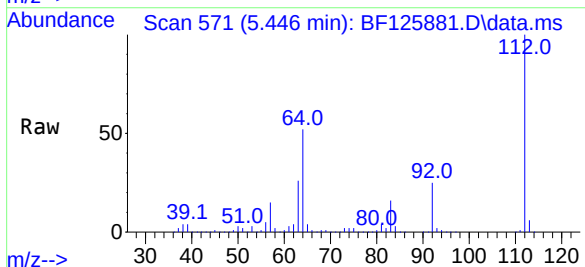
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

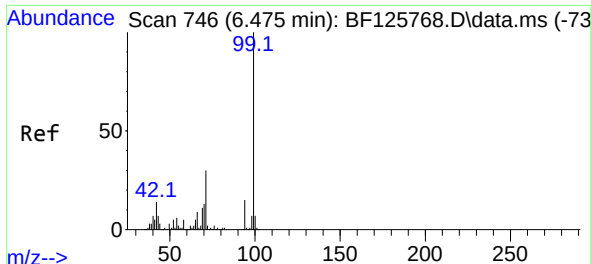
Tgt Ion:152 Resp: 145666
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 119.21 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:112 Resp: 1062939
Ion Ratio Lower Upper
112 100
64 51.5 44.2 66.2
63 25.7 26.2 39.2#

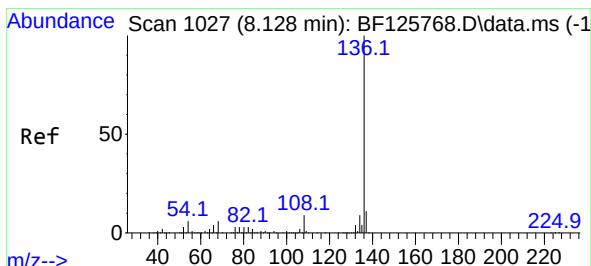
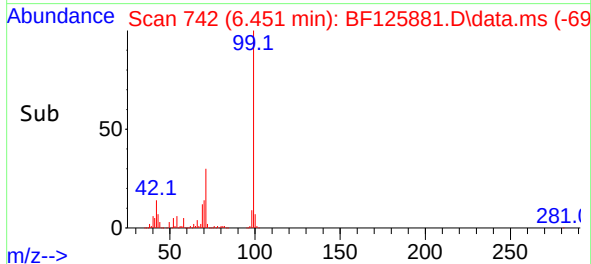
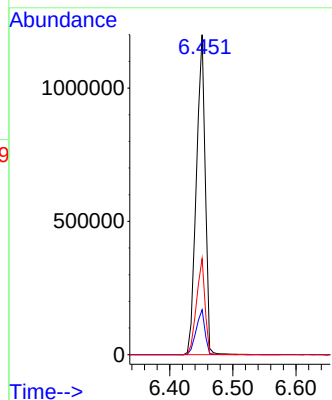
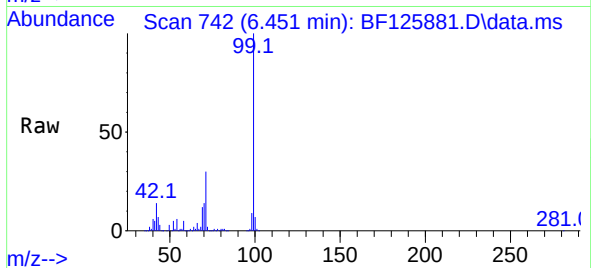




#7
Phenol-d6
Concen: 101.99 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

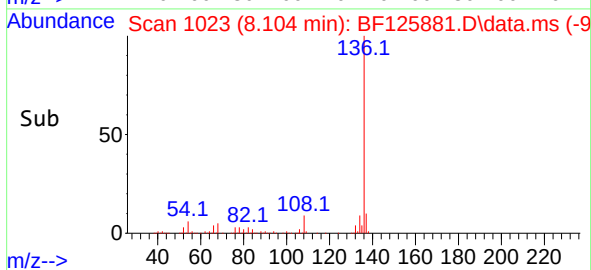
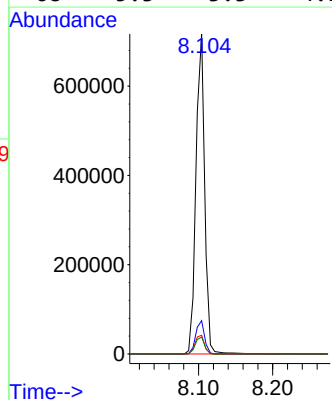
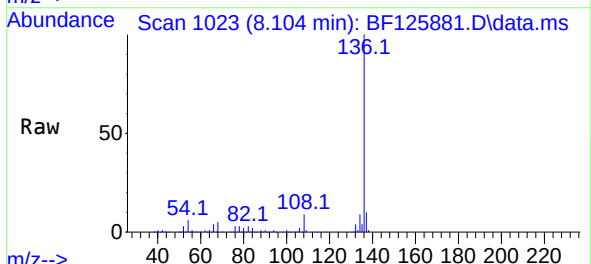
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

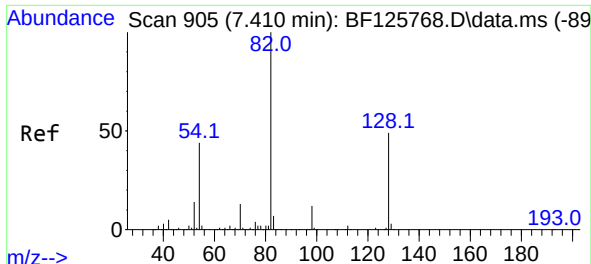
Tgt Ion: 99 Resp: 1170769
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 30.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion: 136 Resp: 585622
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.9 6.4 9.6#
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 88.00 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125881.D

Acq: 18 Oct 2021 17:16

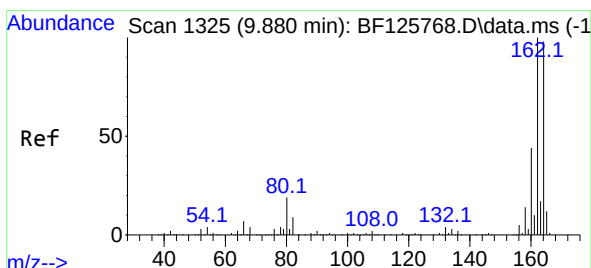
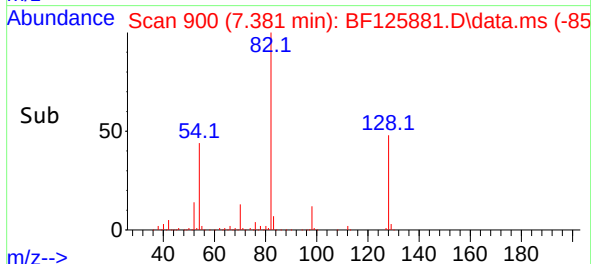
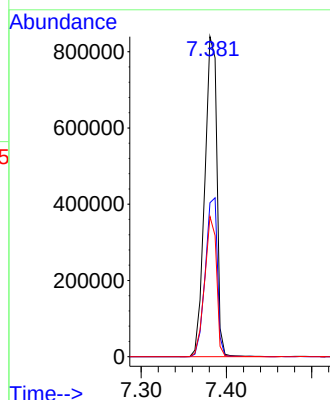
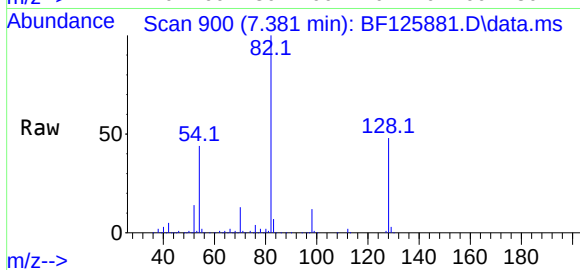
Tgt Ion: 82 Resp: 829027

Ion Ratio Lower Upper

82 100

128 48.1 40.6 60.8

54 43.8 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF125881.D

Acq: 18 Oct 2021 17:16

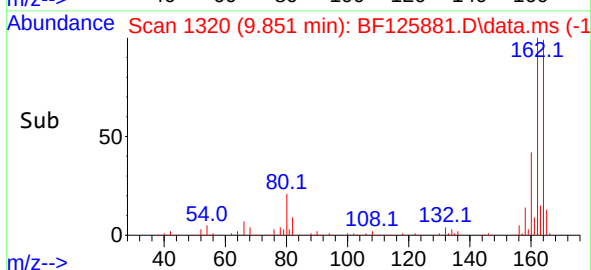
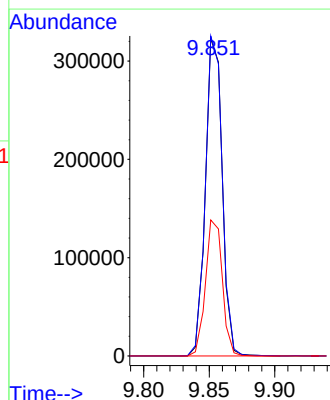
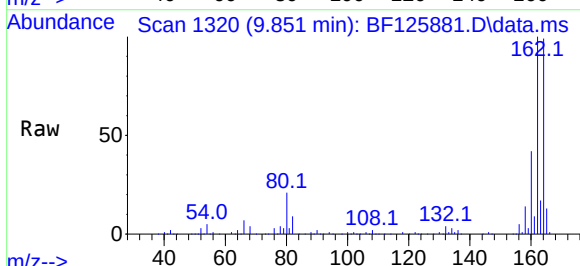
Tgt Ion: 164 Resp: 288379

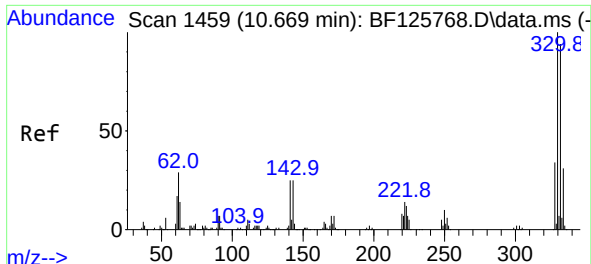
Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

160 42.8 38.0 57.0

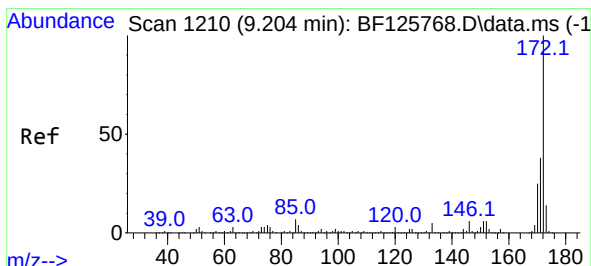
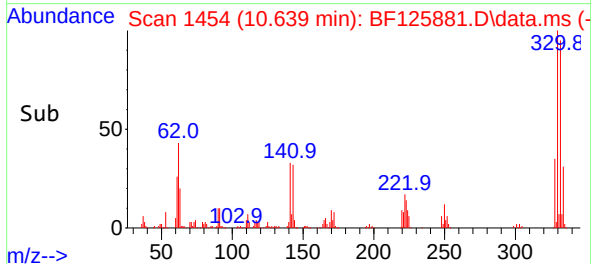
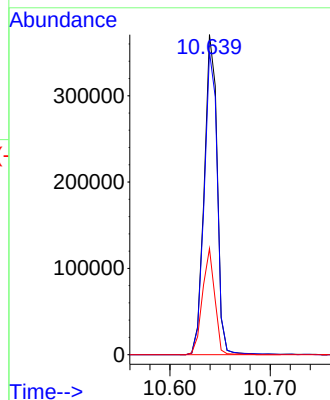
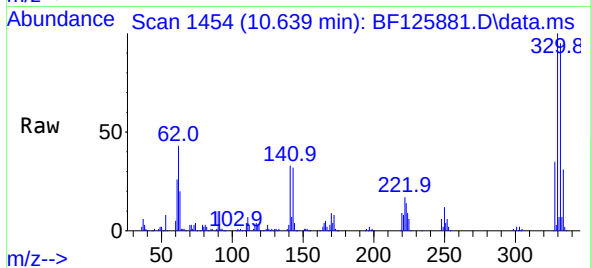




#42
2,4,6-Tribromophenol
Concen: 117.47 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

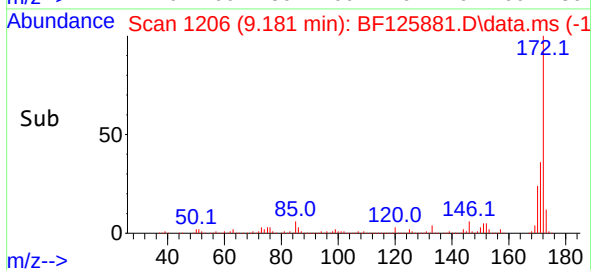
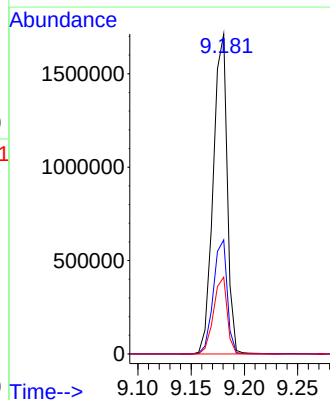
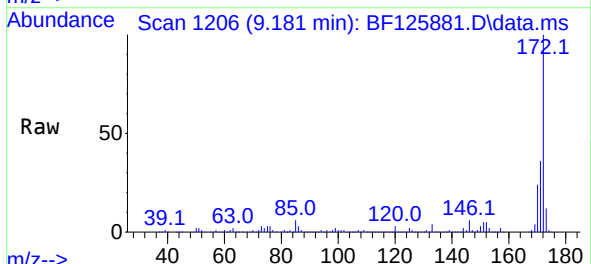
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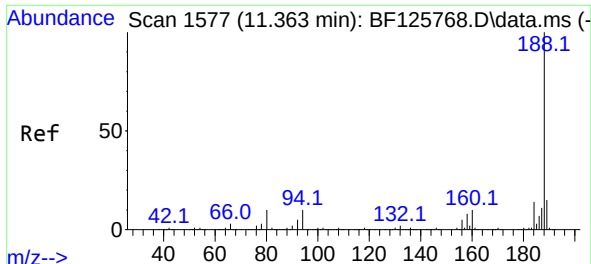
Tgt Ion:330 Resp: 334450
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 93.98 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:172 Resp: 1571329
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2

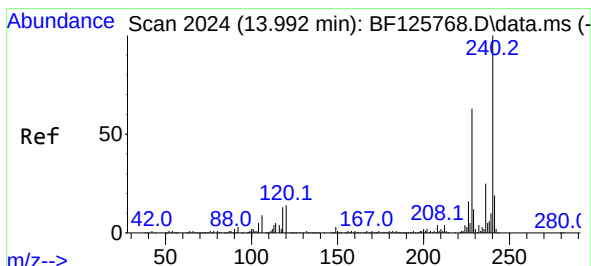
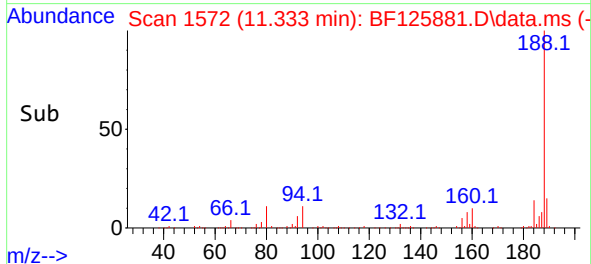
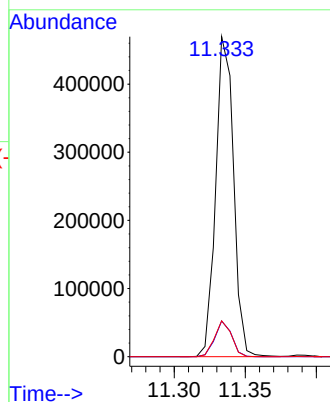
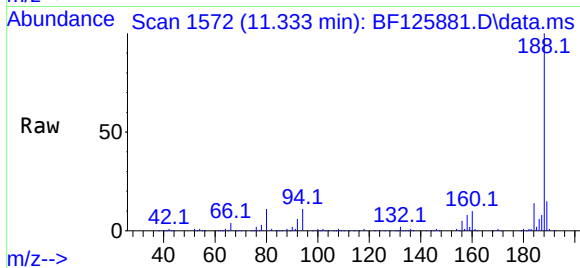




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

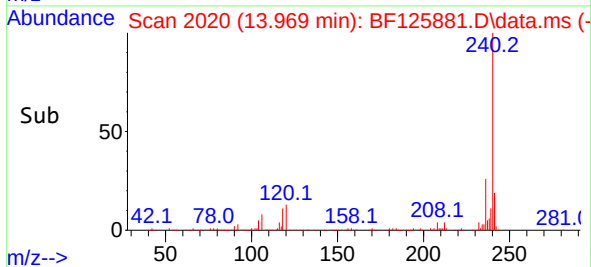
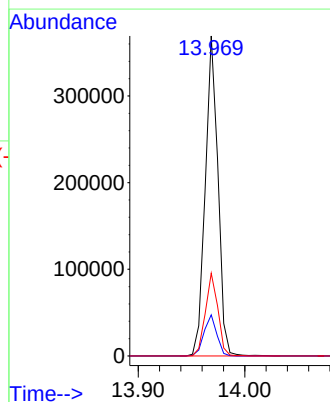
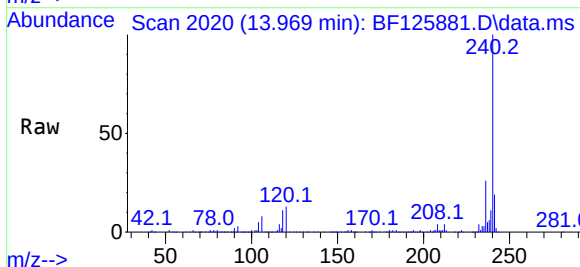
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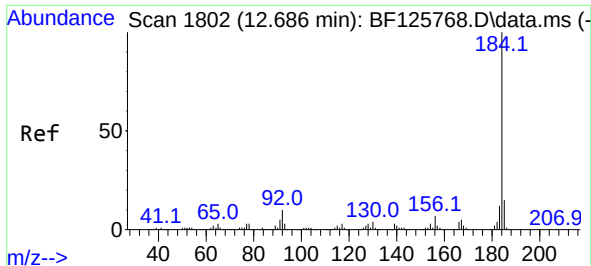
Tgt Ion:188 Resp: 410642
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:240 Resp: 307247
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.9 21.6 32.4

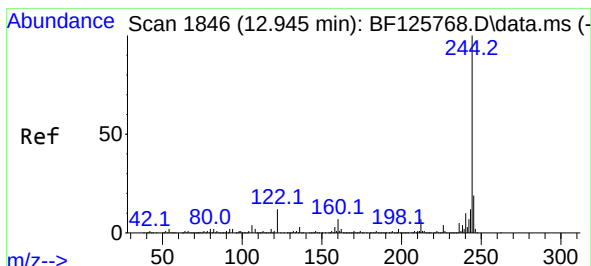
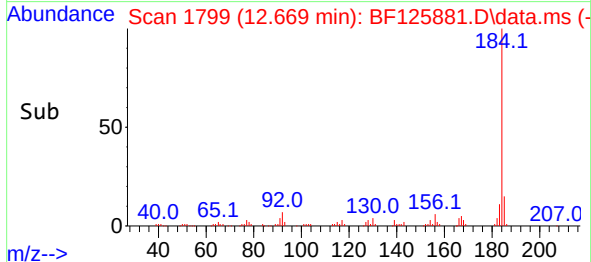
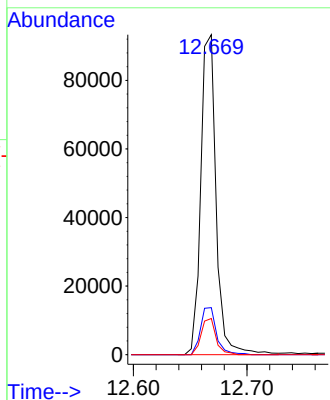
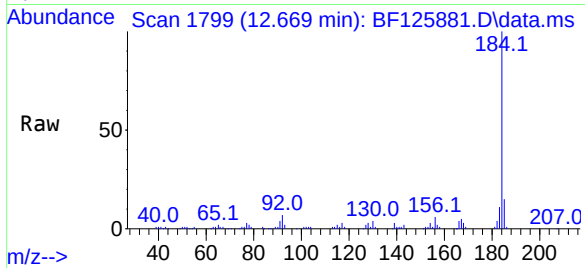




#77
Benzidine
Concen: 7.81 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

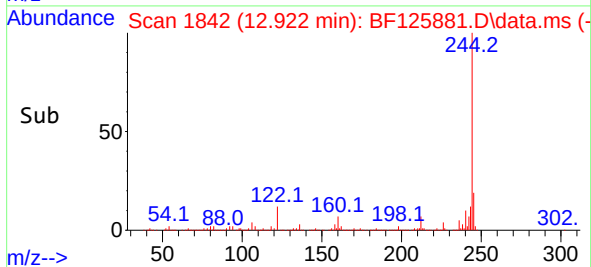
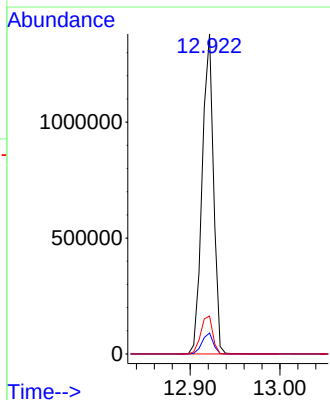
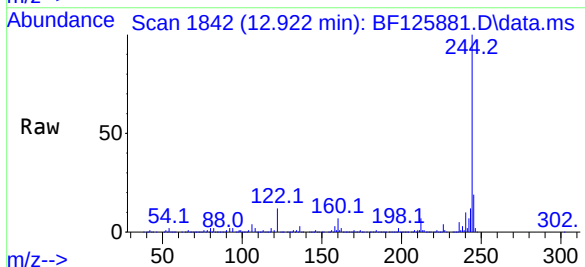
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T3-COMP-(1-4)

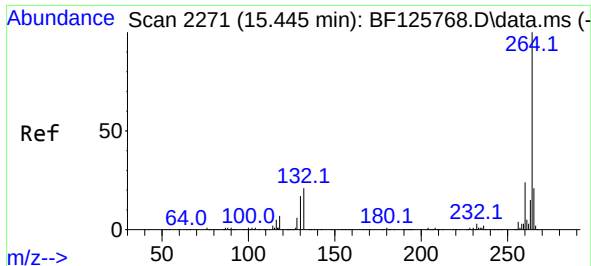
Tgt Ion:184 Resp: 87760
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 11.3 8.1 12.1



#79
Terphenyl-d14
Concen: 59.96 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:244 Resp: 1209455
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.9 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Tgt Ion:264 Resp: 285520

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	20.9	17.2	25.8

